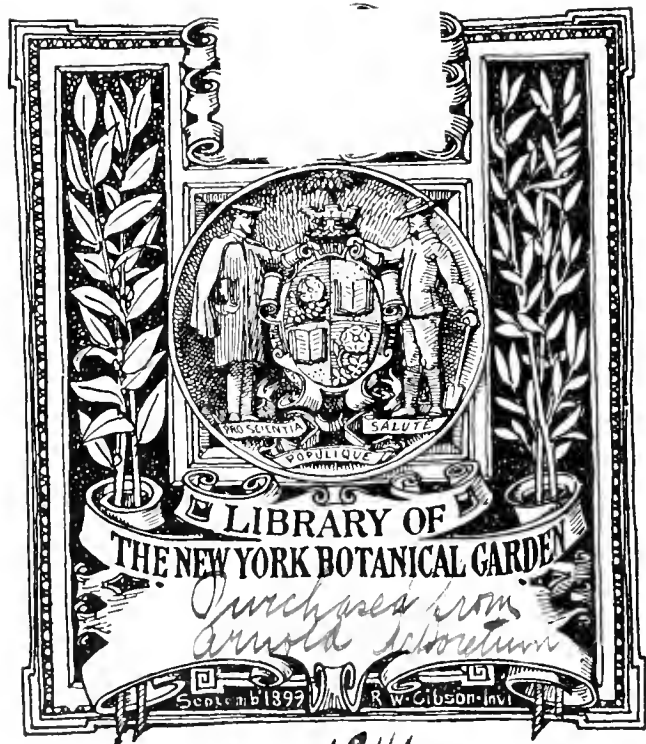


Jamaica Plain.

Mass.

X.F. L68



1941

THE WEEKLY FLORISTS' REVIEW

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No. 79.

THE NEW YORK PLANT MARKET.

It was just past midnight as I rounded the old Clinton Market at Canal and West streets, and stood for a moment contemplating the flag skirted triangle of sward and shrubbery which constitutes the largest portion of the great city's plant market. Wagons heavily burdened with flowering plants rumbled round the corner from the

you were a soldier, you could imagine that the scene before you was that of an army about to embark. There were the transports looming up in the distance, here were the commissary wagons, and the noise of the oncoming carts was that of artillery.

One o'clock saw a great and funny gathering of vehicles. The grocer and butcher, the peddlers, the push-cart,

off to sleep, others walked around to talk of crops or prices. At 2 o'clock there were probably 150 wagons of all shapes and sizes in the assembly.

Inside in the old Clinton Market (which is an old and low one-story shed-like building covering a city block), in the dim, sickly, flickering gas light the growers and their assistants were unloading the thousands of flowering plants, some with an eye to effect and beauty, others with the indifference born of exhaustion and lack of rest. We noticed one advantage that these men had even though the market is wretchedly lighted, still at 3 a. m. they had all their plants in position, and it was possible to distinguish the color as well as the variety of flower or plant. We noticed too that the wide-awake buyers were coming fast and soon picked up the choicest of the plants. All was yet dark and comparatively quiet without; there was a certain amount of impatience noticeable, however, and soon each man unloaded a portion of his stock on the sidewalk in front of him. If you have ever done outpost or sentry duty you will know what it is to stand patiently watching the night fighting morning, the deep blue chasing the black, then the grey and the silver, the azure and the gold.

At 4 a. m. all was bustle and excitement. The sidewalk was a veritable botanical garden, a grand galaxy of color, a sweetest of emporiums. Men and boys ran hither and thither, carrying flats of geraniums, stocks, pansies, or armfuls of miscellaneous plants. Well-fed retailers or their dudsish buyers were there, full of pretensions and with a better knowledge of the growers' weaknesses than of plants. Old women with venerable grey heads, but with tongues of fire and hearts of joy, jostled their way looking for bargains; many of these same women have been buyers at this market since it was started long years ago. By 5 o'clock the best of the plants are sold, the fakirs' wagons commence to steal



A corner in the store of John Mangel, Chicago, at Easter.

Jersey and Long Island ferries and occupied their old stands with backs towards the sidewalk. The night was intensely dark here, and yonder an electric light sputtered and glimmered, now throwing a gleam upon the bow of some ocean greyhound, then on a cargo of the world's freight and again on some moving objects which looked more like ghosts than humans. If

and the old plug's rickety wagon, the farmer's hay wagon, the prosperous florist's gilded van, and the poor florist's "carry everything." It was deeply interesting to watch this conglomeration of Cosmopolitan Bohemianism; all nationalities were represented in this singular gathering of men and actions. Some wrapped themselves up in horse-blankets and dozed

away, speculators harangue for low prices on job-lots, there is a running fire of witticisms between grower and buyer, a general infectious hilarity which compels the observer to stand, yes and admire—admire the endurance and courage of this poor grower for instance.

A little over two years ago, he, a greenhorn, worked for a slave-driver of a florist for \$15 a month, and slept in a shed, he was a better plantsman than his boss and knew there was money in the business; in a moment of overflowing confidence he starts for himself, rents some grave-yard of another man's hopes, or buys an old greenhouse with an ancient boiler, and lives on bread and beer for the first year. He tries chrysanthemums, they are golden in his eye, he sends them to some rascal in the city and gets an insult as pay. Easter plants are a feature, nay a harbor of joy for his ship of despair; his few plants are bought by some thief of a Greek, or some, yes, just for change let us say long credit American retailer. With the first he loses his money, with the second he must wait and starve. He has grown a few geraniums and other plants but they are only indifferently treated, his place is twenty miles away, he has been on the road all the afternoon and night, and yes, here he stands bravely fighting 'gainst adversity, scarcely daring to hope, he longingly looks at his neighbor's fine stock, and the man who is buying it at big prices, everybody seems to despise his little "collection of rubbish," as they contemptuously call it. Oh, brother, it may be so, but that heap of rubbish is the summit of his last hopes, what wonder we stop to admire him. He has just sold it at a ridiculously low price to some hawker, the few dollars he is putting in his pocket is a bank full of money to him. What wonder we stand to watch his momentary happy face and to listen to the sad pleasantries of his temporary glee. But he is merely one of many pictures of this little army of heroes.

Over yonder is an old man grown grey in the business, the almost insurmountable difficulties, however, that strew the long way between his place and the market render it impossible for him to derive anything from his labors but the merest pittance of a living. Last winter's snow demolished the greater part of his greenhouses and stock, here he is at midnight with a few conifers in pots, a small batch of ivies, some herbaceous plants, yes, anything that escaped or survived the fury of the gales, and if you ask him about his misfortune he will say, "well I suppose it was the will of God." "Philosopher" some may call him, but there is another name for him.

Although as we have previously stated, there is a large number of such cases to be found here, yet we do not wish it to be thought that the entire assemblage is composed of such, nor that one nationality occupies any pre-eminence. The majority may be Teu-

tons but that is all. The German and the Irish, the Scotch, the English and the French are here dissolved into one pot of good-fellowship; each seems more than ready to help the other. Here too you will find the well educated traveled man ready to discuss any topic, able to describe any country, but his pride best illumines his personality when he refers back to his boyhood days in the gardens of Europe, and it is a matter of curiosity to note that almost all the plant growers in New York have served their apprenticeships abroad.

But let us get back to the market. This the only wholesale plant market we have in New York city is situated at the streets mentioned, and inconveniently located along the shipping docks (only a few blocks from here stands Washington Market, where nigh fifty years ago under very similar circumstances Peter Henderson, Chas. Zeller and a few others, some at rest for ever, others still toiling on, carried in baskets and sold the first plants ever offered in a New York market.) The market opens at 2 and closes at 8 a. m. The city charges those who locate 'round the small park 25 cents each morning for 4 ft. of space on the sidewalk immediately behind their wagons.

Across the street there is an old abandoned butcher market which some of the principal growers have taken possession of, and they have formed an association called the New York Plant Grower's Market Association. In this market the growers are taxed \$1.25 per week for each 10 sq. ft.; this is cheaper than the city charges those who stay outside, and besides it is covered and lighted, which is all important in wet weather, or for early morning trade; however, those outside have obstinately refused to move inside, and their actions can only be looked upon as one of those insoluble problems that bar the way to greater unity, yes to the individual and collective prosperity of those engaged in almost every branch of floriculture throughout the country.

Well, for the past few years the plant market here has been wretchedly poor, many and many were the mornings when nigh broken-hearted the poor growers carted their plants home again, this year, however, so far the market has been very good, the weather has been fairly favorable, and there seems to be an increased demand for flowering plants.

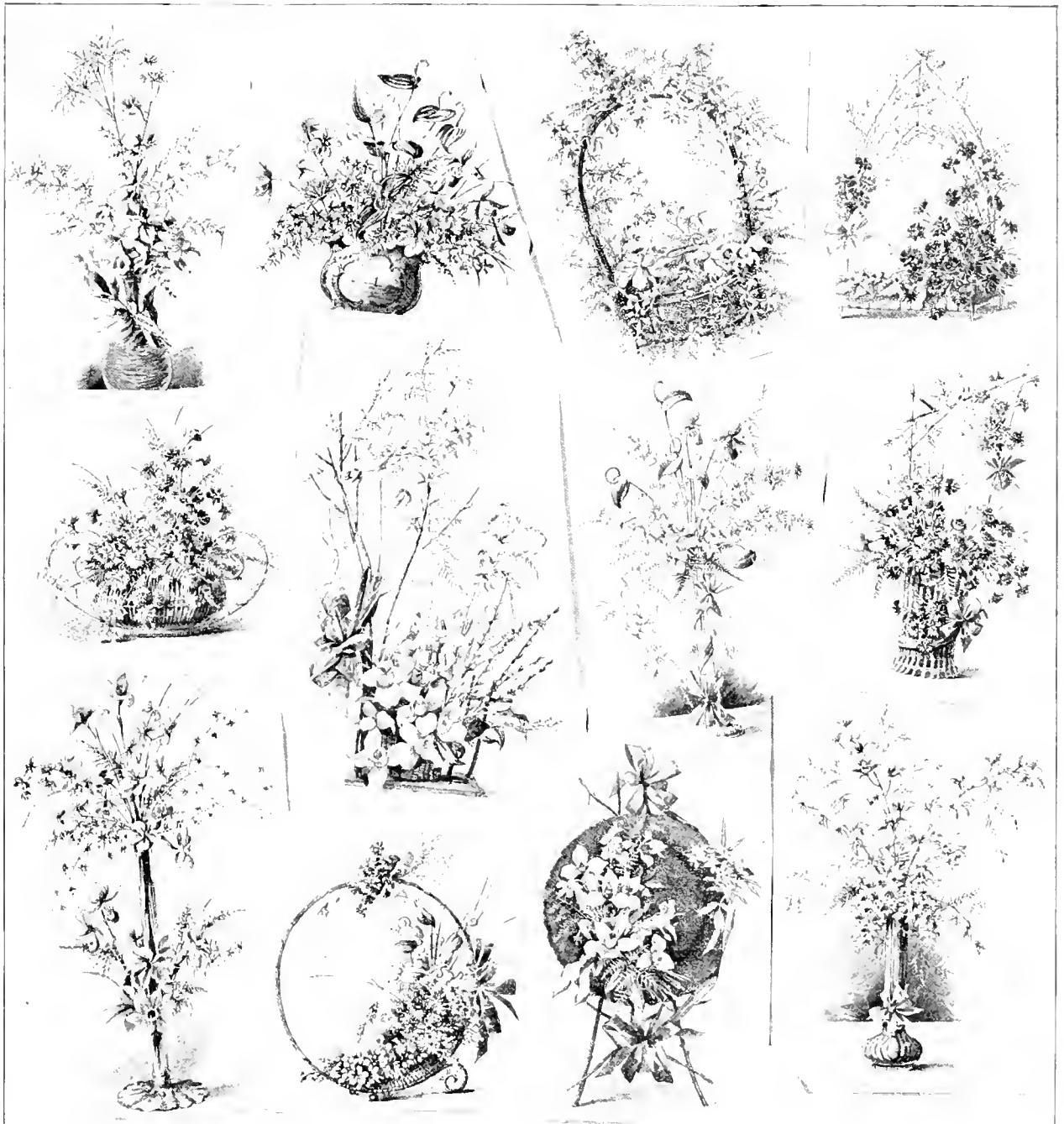
Now let it not be thought that the sales of plants here are in any way insignificant, or that the plants or the variety of plants are in any way inferior to those offered in London or Parisian Markets. You will find them better in many cases. On this particular morning we write of, there were seventy-five thousand pot plants sold at this market, besides the great quantities of herbaceous stock. No cut flowers or dormant stock is offered here; it is all of that class which is considered the best to entice trade from the poorer sections of the city,

for cemetery adornment or to fill club or hotel vases. Of private trade there is scarcely ever any because the experienced gardener will not buy specially fed plants to put out doors.

Although we have noticed that pansies have been a failure this year in many sections of the country, they have been finer than ever at this market. Patrick Fay, Jersey City, grew 50,000; they are nearly all sold. Pese-necker & Son, from the same place, made a great hit with pansies. One man in Middle Village grew 700 sash of pansies this year, and will add 500 more for next year. But these are only items. Dietz, of Jersey City, has been sending in some grand Jaques in pots, and got good prices for them; so did Shaefer with his Magnas. Leach Bros., Jersey City, make a specialty of geraniums, of which they grow about 40,000 yearly; among their plants I noticed a fine batch of the new dwarf heliotrope for which there is a large demand. John Birnie, of West Hoboken, specializes on three things, pelargoniums, of which he has raised some remarkably fine new ones, zonale geraniums and verbenas. He might be justly called king of the market on the latter plants, for he sells 60,000 a year of them. He grows them grandly too, and offers them artistically arranged in small baskets. John Nicol can always be found in a glory of brilliant geraniums; he devotes several houses to them; he considers "Admiral Dewey" the best scarlet geranium of the day, it is brighter and freer than "Grant," he says; but Lehnig & Winnifield, from Hackensack, who have a stand next to John, claims that their new geranium "John P. Cleary" beats all the geraniums in the world for brilliancy and floriferousness. Dave Rose has always a carefully selected group of plants for sale, but one might pick up a directory of Jersey florists and find most of them here. Wittmann, of Jersey City, grows the finest double white stocks in pots, it has been 'round this market for over 10 years, and it travels without a name.

New and unnamed varieties of flowers are plentiful here, many of them far superior to those we see pictured and catalogued all over the world, and as for the variety of plants offered, you can find anything almost, from a phalaenopsis to a Bellis perennis. It is a pity a great city like New York has not a plant market suitable to its requirements. When we occasionally hear some would be "Jags" get up and sputter out contemptuous comparisons between ours and foreign markets, as they do between private places here and the Dukes of this and 'tother on 'tother side, we cannot but think how very little they themselves could do to change anything anywhere. The day will come, it must come, when New York will have the finest flower market in the world! In the meantime all honor to the few stout-hearted men who are struggling under such difficulties to supply the people with ever cheerful, always welcome flowers and plants.

J. I. Donlan.



German Floral Work.

GERMAN FLORAL WORK.

We present herewith a group of pictures of German floral arrangements which we have reproduced from Moller's Deutsche Gartner Zeitung. These undoubtedly represent the latest developments in the arrangement of flowers by German florists.

It will be noted that orchids enter largely into these arrangements and we understand that they are largely

grown for cut flowers in Germany. At the same time we are informed that for his finer pieces the German florist receives prices fully as high as those in America, though there is an immense quantity of cheaper work supplied at very low rates.

In the German florist stores there is generally to be seen quite a number of arrangements of flowers ready for the possible customer to select from. And flowers so arranged seem

to keep better there than here, probably due to the fact that the atmosphere is not so dry as ours.

There seems to be a tendency among the German florists to revive the arrangements of flowers in baskets. During late years few baskets have been used, and rarely anything but wreaths were seen at funerals. Now, more of the formal styles of arrangement are used.



June Weddings.

June wedding decorations are a matter for consideration to many, and though there will be varied degrees of elaborateness in these decorations, yet the principle guiding and should be the same. Of late years it has been the custom to send all manner of colored flowers to funerals, until these sad events (that is, with the absence of the casket) look more like a birthday party. On the other hand, the majority of "mamas" have steadfastly persisted in having their daughters' wedding decorations mostly white. This is reversing the natural order of things. With the advent of June, the month of roses, with all its brilliancy of color, we can generally use any kind of material, and the only serious point to consider is the price; that's the all important nut to crack, and it is only too often a very hard one.

There is so much competition these days in all lines of business that estimates are asked for on the smallest pretense; these estimates are the nightmares of the florists' business. We have had considerable experience in this matter and know that the florist who has a knowledge of available materials and how to use them, and is a good descriptive letter writer, has a good chance to succeed; where a case is doubtful, it is best to give a sliding scale of prices and descriptions, and it is seldom necessary that you should do the work for nothing. In all cases have your estimates clean and business-like and carry them out honestly.

Now about style. June fashions permit of a wide range of color; you can use almost anything; it is not so much the color; it is how you use it; and as for material, it is abundant. If it be a church affair, and you require very tall palms and have none, you can easily manufacture them. Get a lot of chamaerops, sabal, cocos or any of the large wild palms of the south; if you can get fibre for a stem, all the better; if not, Florida moss or, for that matter, any kind of green 'round a long piece of wood will do; to this tie your leaves in natural formation and be sure the whole is

securely fastened on top or weighted at the bottom. You can make it as tall as you like, and the taller you make it the more imposing it will appear down the church. Whilst this grouping of southern palms will look well if properly done, still it should not be adopted if you can get greenhouse grown stock cheap enough.

To attempt any detailed descriptions of decorations would require more space than we can spare, and we can only offer a few suggestions. Loose bunches of any large flower, such as flowering shrubs, peonies, lilies, roses, etc. (one color to a bunch), tied at the ends of the center aisle pews, will make a grand effect. Ribbon bows are still used, but they are not necessary if you have a spray of green or flowers hang downwards. Stout rubber bands are good to tie the bunches on with; in no case use wire or nails, for they not alone damage the pews, but are a menace to clothes. Most of the fashionable weddings have a floral gate half way down the church; this should be made to swing very easy and should be of a color harmonizing with the flowers on the pews.

Remember, the higher you can arrange all manner of decorations, especially where there is a throng, the better they will look, but no part of the decoration should appear isolated; that is to say, if a cluster of flowers or greens should be put in a high place, unless it is of very special significance it should be connected with the rest of your work. Always make it a point to have some portion of your decoration stand out prominently from the rest. The place immediately opposite the main entrance, or the room in which the people remain the longest, is where your best work should be done, and it will be all the better if it does not appear too intentional. You will have more latitude in an old building than in a new one, because modern architecture in this country is increasing in beauty all the time, and you must not cover everything with greens; show an intelligent appreciation of whatever beauty there may be in the permanent decorations, and allow the best of them to

show through yours. Vines hanging gracefully from the cornice of a pillar show better taste than ropes twisted 'round that pillar. Where there are plastic garlands, a light frieze of green will show them up better. Sameness or conventionality are often detrimental to the best elements in true art, and consequently should be avoided. If the room is square, make the corner work different, and if the place be round, have your best effort where the eye can see it most. These rules apply to either house or church.

If formal canopies are used, there is a new one which is on four gaspipe stands and can be arranged any height or placed in any location. It is a great improvement on the old kind which we used to tie, with lots of misgivings, to the tops of mirrors. Of course, canopies can be made very beautiful, and when used should be the most artistic and elaborately arranged of all. Sometimes they are expensive, but with all the outdoor flowers of this month they are easily handled. The scarcity of wild smilax and the prices of greenhouse vines this year make extensive decorating expensive if we are confined to such material, but the majority of people don't care what you use if they are sure your work will be well done. Now the woods abound with all kinds of splendid stuff we can use, and the only cost is the gathering. We consider evergreens not suitable for June decorations, and there are lots of foliage, such as catalpas, ailantus, some maples, which either have too soft a foliage or emit too strong an odor, but oak branches, especially the fine cut-leaved varieties, last for a long time and are very beautiful. On some occasions you can solidly arch doorways and alcoves and cover balconies with them, and if the work be done with care and neatness, will give the effect the most expensive greens could not. Wreaths and garlands can also be made of them, and they are preferable to laurel or hemlock; the long vine-like branches of *Salix babylonica* are elegant for light touches, but it is not safe to use it because of its melancholy name and associations. Purple beech, the red or purple varieties of Japan maples, or *Prunus pissardi* make charming contrasting features, but it is wise to confine their color to one place; that is, if a room is done in green, make the baywindow or some nook all red or purple foliage, but have it where there will be plenty of light to illumine its beauty; if flowers are used in connection, yellow is best.

It is best never to trust too much to the safety of electric lights, but they are perfectly safe when isinglass protectors are used, and green silk covers put over the globes will give your green decorations a beautiful tone of light. Colored flowers, particularly dark pink and red, will be much used in June decorations this year. Jacque roses will be popular for all forms. If



New Geranium America.

you make an informal arbor or canopy of mock orange (*philadelphus*) and place a tall vase of Jacques at uneven heights at each side, you will have something pretty. You will notice that the cupid bow is embroidered and worn on the most fashionable dresses of the day; it makes a pretty design if carefully done in flowers. Bells and wreaths and horseshoes and stiff canopies are not up to date; they belong to the museum of floral curiosities; so are the heavy Dutch cabbage-head-like bouquets. Small, graceful sprays of your finest flowers for the bride, and loose cluster bunches for the bridesmaids. When collecting your stock for decorations, cut it or get it in the morning, and put the flowers in water; tie the greens up in neat bundles, and when you go to the house, keep your materials out of sight as much as possible until you have them put up. Neatness and quickness are two great necessary qualifications for successful decorators. Many times we must work under the watchful eye of some crank who grumbles at everything we do, and scarcely gives us time to do anything, that is when we must either be dumb or coaxingly assuring. If we are quick at putting up a garland, it often not only gives confidence, but elicits praise from the critic.

IVERA.

NEW GERANIUM AMERICA.

We present herewith an engraving from a photograph of a plant of the

new geranium America, a seedling of Mars X Mrs. E. G. Hill. This will be the first of Henry Eichholz's Mars seedlings to be introduced to the trade.

Having the dwarfness and floriferousness of Mars and the vigor of Mrs. E. G. Hill, it promises to be the ideal pot geranium. The coloring of the flowers is beautiful and striking. On opening they are white and salmon, with age changing through all the salmon and rose shades and finally becoming a deep rose. The shadings and markings are such that there are hardly two flowers of same color on one plant at the same time.

America will be distributed during the spring of 1900.

CARNATIONS FOR SUMMER BLOOMING.

A correspondent writes: "We wish to get our fall struck carnations into flower by the middle of May and have the plants as large as possible before planting outside for summer blooming. After they leave the 2-inch is it best to give them a 3-inch, or could they go into a 4-inch? Now they are in a 3½-inch and root-bound. Next season I want to give them better treatment."

In the first place, I reply that it would be quite unprofitable to grow plants intended for summer blooming in larger than a 4-inch, and 3-inch always does us well. For what season do you want to pick flowers from fall struck plants by the middle of May?

You have, or should have, the carnations on the benches in the very best of order during May and June. I notice that just now Scott, Daybreak, Flora Hill, Helen Keller, Mrs. Bratt and Jubilee are in the finest order. If you have to throw away carnations before the middle of May, you have received only a part of the profit from them. You cannot possibly grow fall struck plants that will give you long-stemmed flowers in May and June; they would not be as good as even third class flowers from plants on the benches.

We grow early carnations for summer flowering to give us flowers during the months of July, August, September and October, when the old plants have been thrown out and the new ones are not yet producing. Your correspondent seems to be exactly on the right track in raising these young plants. October is a good time to strike them, and they should be shifted on as needed. It makes no difference whether you shift from a 2-inch to a 4-inch or first to a 3-inch. The larger shift is the way to get a large plant with almost all plants, but economy of space forbids it.

Forty-five, or even forty, degrees at night is high enough for these plants, and they should have a place in a light house. By the 1st of April, or even before, they could go into a cold-frame for a week or two, and in the ground as soon as plowing can be done. If you will tie up and disbud as carefully as you do with plants inside, you will have splendid flowers in the fall.

Portia is about obsolete as a red carnation for winter use, but for summer and fall flowering in the open field it has no rival. It is the best and earliest of all for that purpose.

WM. SCOTT.

SOCIETY OF AMERICAN FLORISTS.

The Detroit Meeting.

It is in the air that the attendance at Detroit will be very large. A good indication of the prevalent confidence is seen in the preparations being made by the large manufacturers and dealers who have already engaged exhibition space far exceeding the amount taken in any other year so long in advance. The hall set apart by the executive committee for the exhibition will be much too small and it has been decided to substitute the large Harmonie Hall, which was originally selected as an audience room. The local enthusiasm is extending, the Florists' Club and others are pulling together harmoniously, and a big success is assured.

As to railroad rates, there has been the usual delay on the part of the western roads and an unwillingness to make a favorable rate of fare sufficiently early to be much of a factor in increasing the attendance from that section. All the roads in Michigan

and eastward to Maine and as far south as Washington, agreed upon the usual one fare and a third two months ago, and a general announcement of this fact has only been withheld in hopes of being advised that the western and central lines would co-operate. However, there is no doubt that the low fares will be forthcoming, and western delegates can reasonably base their preparations in accordance therewith.

WM. J. STEWART,
Secretary.

CARNATIONS.

[From advance sheets of the Florists' Manual, by William Scott.]

If not the most important flower we grow, the carnation certainly stands next to the rose, both in area of glass devoted to its culture and value of the flowers sold. Of all our commercial flowers the type of carnations we grow are most distinctively American. They are very different from the tree carnation of Europe, which had the reputation of being perennial bloomers there, but the flowers were few and far between and had no such stems as our present day carnations. Nor are they like the garden carnations which come with a grand burst of bloom in June and July, but have no tendency to flower again for another year. It is certain that our strain inherits the blood of more than one breed, for seedlings often revert back to varieties that produce a strong growth and few flowers, and some again are croppers.

The splendid varieties we have today have been produced not suddenly but by the slow operation of the law of evolution, aided by artificial selection. The first carnations that I attempted to flower in the winter months were La Purite, carmine, and Edwardsii and President Degraw, both white, all very free bloomers, and the flowers were always used with short stems. If we had disbudded and picked the flowers with long stems I doubt whether they would be as free as many of our present varieties.

Astoria was a pioneer among carnations and a cross between it and Edwardsii produced Buttercup, which was a wonderful flower in its day and which for years had no rival. From 1875 to 1885 there were no carnation specialists and the few varieties introduced during that time are gone and forgotten. About the latter date appeared Grace Wilder, the first of its color (Scott is almost the same shade). Then Mr. Simmons, of Geneva, sent out his famous varieties, several of which were a great advance on existing varieties and some of them are standard sorts today. Silver Spray, J. J. Harrison, Portia, Tidal Wave, and greatest of all—Daybreak—were sent out by him.

To trace further the subsequent introductions would make too long a chapter. It is about ten years since the carnation was taken up and specialized by many of our best horticul-

turists with the result that we have attained what ten years ago would have been considered the absolute ideal. But who can tell what Dorner, Hill, May, Nicholson, Fisher, Ward or other enthusiasts will do. Size has been attained almost or quite to the desired point. Jubilee, Pingree and America have a two-foot stem of sufficient substance to hold their heads quite erect.

Fragrance should be an attribute of all varieties. In color we have shades from deep maroon to purest white, and yet perhaps it is in color that the future promises most for the raiser of new varieties. I would say just here that when any good variety does well with you don't discard it till you are sure you can grow a better variety of the same color.

There are few plants that accommodate themselves so readily to a great variety of soils. Yet from quality of soils, or more likely methods of handling, good gardeners fail with some varieties while entirely successful with others.

Whether we have reached the limit in the improvement of the divine flower or not is a question that it is not at all essential to worry over because we shall want the disseminator of new varieties always with us. Whether under our continuous winter culture varieties should gradually lack health and vigor is a question that has led to some controversy. We don't "force" carnations by any means, yet to a great extent we reverse the seasons, and propagating by cuttings is not raising a new individual as growing from seed. We are merely dividing and perpetuating the old original plant. And my experience is that after eight or ten years a variety loses its vigor and is a prey to all carnation diseases. And even if it did not it would be superseded by improved varieties.

Propagation.

In cultural hints the proper place to begin is with the cutting. Let me repeat that the plants from which you take the cuttings have not been forced. They have been subjected to a lower temperature than that in which it would flower in its native habitat. So the plant is not exhausted, and there is no need of having any plants in a cold-frame to propagate from. No better material can be had than that from your flowering plants.

Cuttings root readily from November 1st to the middle of April, or even earlier or later, but except for special purposes, such as plants to flower in early summer, which can be propagated in November, or in case you are very short of a variety, from January 1st to March 1st is the best time to put the cuttings in the sand. No special propagating house is needed. An ordinary bench such as you would grow carnations on, is as good as the most expensive arrangements and the temperature of the house can be just

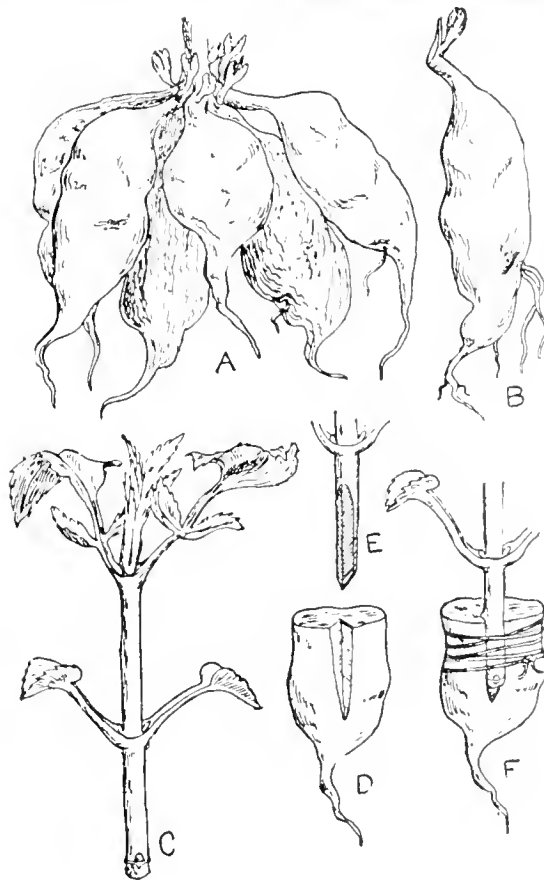
the same. Avoid a direct draught, either from a door or ventilator. Carnations want the light and little shading is needed during January and February. When the sun gets high enough to wilt the cuttings we tack cheese cloth up to the glass. That is far better than laying on and taking off newspapers. The cloth is heavy enough to shed the rays of the sun at any time and is far enough above the cuttings to give them sufficient light at all times.

For the cutting bed three inches of coarse clean river or lake sand is sufficient. As a consolation to those who do not have lake sand near them I will say that for the past five years I have propagated in bank sand, containing even some loam in fine particles, and I have not lost on an average 5 per cent. of the cuttings, and in free rooting varieties, like Scott and Daybreak, none. There is little danger of the troublesome fungus among your carnation cuttings because the temperature should not be high enough for its vegetation. But as a preventive and for another reason we always water the sand with the ammoniacal solution before each batch of cuttings is put in.

Watering is a matter of pure sense and judgment. If the glass is covered with snow, or the weather is dull and sunless, we water every three or four days. If the weather is bright and sunny, allowing plenty of ventilation, then every second day. And if you have occasion to propagate late in March the cuttings will take water every day. If hot water or steam pipes run beneath the board bench, there is no harm done, but what we know as bottom heat is not at all essential in propagating carnations.

In the early days of carnation growing, before flowers were picked with long stems, we used for cuttings only the young growths from the bottom, those that would grow up and produce flowers, and I am not sure but what they make the finest plants. They are not, however, the quickest or surest to root. The propagator of large quantities, or those wishing to raise the largest possible number of a new variety, may take every green shoot that will make a plant or root. But that is not the way to perpetuate your plants for the best results. Cuttings should be taken only from the healthiest plants, and it will pay to also choose from the plants bearing the largest and best flowers, for like begets like. The offshoots from the flowering stem make fine cuttings, but they should be taken not too low down, where they are hard and woody, nor too near the flower, where they are small and spindling.

Some growers just tear off the cuttings and put them in the sand as they are pulled off. I prefer to cut the smallest possible piece off the bottom. As to trimming the leaves, generally the two lower ones are best removed. Shearing off the tops of the



Propagation of Dahlias.

leaves does not hurt the cuttings, nor does it help them to root; it is done merely to allow you to get more cuttings into the same surface of sand. The distance apart to place the cuttings in the sand is merely a question of variety. Some need more room than others, but the cuttings should be at least one inch into the sand in straight rows, and the man that cannot draw with an old knife a perfectly straight line across three or four feet of propagating bed without the aid of a straight edge should be sent back to washing pots.

(To be continued.)

PROPAGATION OF DAHLIAS.

Replying to an inquiry the English Gardeners' Magazine prints the following on the propagation of dahlias:

"You can increase your stock either by cuttings, by division, or by grafting; but we advise you to depend upon the two former methods. Place the dahlia stools in pots or boxes, the latter for preference, if about six inches deep; cover the tubers with some good light soil, and afford a temperature of from 60 to 70 degrees. In from seven to ten days the growth buds will show prominently, and then a watering with tepid water should be given. In about another ten days the growths will

have advanced considerably, and when they are about three inches long and have three or four pairs of leaves they may be taken off. [The cut should be just below a joint; this is an important point, for although they may root if cut off an inch below a joint, they make a mass of small roots, but no good tubers for future propagation. Ed. F. R.] leaving the lowest joint still attached to the stool. If only a few cuttings are needed the shoots may be taken with a tiny piece of heel attached. Trim cuttings taken without a heel, as in Fig. C, and immediately they are made insert each one in a two-inch pot, using a compost of light loam to which one-third part of sand has been added. Plunge the pots in a hotbed of 70 degrees, water at once, and give shade, so as to prevent flagging as much as possible.

The cuttings should be well rooted in three weeks, and from that time must receive air, gradually hardening them off. Pot on as necessary, keeping them close for a few days after the shift.

Where very few plants are needed propagation is readily managed by division. Place the stools in a warm house or pit as before advised, and when the shoots are an inch long separate the tubers, so that one or more shoots are attached to it, as in Fig.

B. Pot these up in five or six-inch pots, shortening the lower end of the tuber to make it fit in the pot. The apex of the tuber should be about level with the rim of the pot. Afterwards treat as for cuttings. Fig. A shows a dahlia stool. Figs D, E, F illustrate the process of grafting suitable for the increase of weak-growing varieties or new seedlings. E is the end of a shoot cut to fit the groove in the tuber D. F shows scion and stock bound together ready for treatment similar to that accorded cuttings. It should be here mentioned that dahlia tubers do not possess eyes over their surface, as in potatoes, but only at the neck or apex, where they join the central stem."

VIOLETS.

[A paper by Robert Angus, read before the Tarrytown Hort. Society, May 25.]

I can hardly say that the violet is a plant of easy culture, for it is and it is not. It is, in short, a plant that can be cultivated by the amateur as easily as by the professional, and it is a plant that sometimes baffles the best professional skill. This is due, as we all know, more or less to our cost, to that little fungoid disease called the "spot." We all know the effect of it, and according to nature's laws there must be a cause, but just what this cause is I am afraid we are more or less at sea. Location has no doubt a good deal to do with it, and that it is contagious there is no doubt. Plants are often attacked by it where there has been no chance of contamination with infected plants, and often attacked so badly that there is no remedy. This is not always the case, however, and the plants can often be kept in a healthy condition by close watching and the removal of infected leaves as they appear. I will now give you a sketch of the methods I employ.

I take my cuttings about the end of February. I prefer runners, but can't always get them, hence I have to take crowns, being very careful to select my young stock from the healthiest plants. In taking crowns I break up the old plants, taking a single one for my cutting without any of the old, hard growth attached to it, so that they are soft, as wiry cuttings never make good plants. I dibble the cuttings into flats filled with a compost of half leaf mould and sand finely sifted, giving shade for a short time in the middle of the day, until the cuttings will stand up without wilting in the sun. I may state that I root them in the violet house, afterwards placing them in a cold frame, and hardening off preparatory to planting out in the garden. I generally choose a dull day about the middle of April for planting out. I plant them between two rows of grape vines which run east and west, thus affording a little shade from the strong sun. They are kept clean from weeds and runners, but the runners are allowed to grow during the month of August, thus giving the

plants no check that month. I clean off all runners the first week of September previous to planting in their winter quarters. I prefer a heavy loam well enriched, similar to a good rose soil. In lifting the plants I am very careful to lift a large ball of soil with them. I plant into solid benches, being careful not to bury the crowns, giving them a thorough good watering immediately after planting, slightly shading the glass for the first month. Keep the house as cool as possible, with full ventilation night and day, until the weather gets chilly; then we gradually reduce the temperature. The temperature I find best for them is 40 degrees by night, with 10 degrees of a rise during the day. I may here state that I never close the top ventilators entirely, thus avoiding condensation. With regard to watering, I like a bright morning, and do it overhead, always attempting to have the foliage dry before night. I don't believe in allowing the surface of the bed to become very dry, as the violet is very susceptible to the ravages of red spider. All bad leaves are picked off; also the leaf stalks. I feed with chicken manure once a week. I like to do this on a bright morning, so that I can give an overhead watering directly after. I use a half bushel of manure to forty-five gallons of water. As to varieties, I confine myself to the "California" for a single and "Marie Louise" for a double. There are many advantages in growing them in a house. For instance, you can ventilate them properly; in fact, you can always give the plants the requisite attention independent of the elements. For frame culture the main points are: To pay strict attention to ventilation on all favorable occasions, keep clear of condensation as much as possible, watering when required and all bad leaves picked off, covering and uncovering at the proper times. Keep frost outside if possible.

NEW YORK.

Japanese Plants.

There was another batch of Japanese plants auctioned off at the American Art Galleries, New York, May 23 and 24, by Messrs. Kushibiki & Arai, of Tokio, and proprietors of the Japanese Tea Gardens and Nurseries at Atlantic City, N. J. Enormous prices were obtained for much of the stock. Dwarf pines and retinosporas brought from \$15 to \$65 and many of the miniature gardens fetched very high figures. The Japs know how to fool with legendary "taffy;" still, it must be admitted there is in a way quite a lot of art in their arrangements. The largest Retinospora obtusa nana in the collection, and safely the finest specimen ever seen here, was sold to a Mr. George Pope for the pretty sum of \$1,200. It was a fine specimen, about eight feet high, and evenly trained. The Japs said it was 850 years old, but—well, they realized between \$7,000

and \$8,000 from the two days' sale. We saw several local plant growers there and a few of the retailers' windows show evidences of investments. Sooner or later New York will have its Japanese nurseries. We would like to see a Japanese florists' store opened here; it would be a big success.

Decoration Day.

Decoration day, 1899, was a record breaker in small flowering plants. Very good prices have prevailed at the auction rooms and the market. Scarlet geraniums in bloom have been scarce and the demand for them has been very great. The public schools took a more active part in the event and thousands of plants were given by scholars to G. A. R. posts. Cut flowers were very plentiful; the growers shipped in everything they had and the commission houses looked as if it were a small Easter or Christmas. Carnations sold very well; so did paeonies and HARRISII. Roses, the majority of them disfigured by mildew, were abundant and slow to go, and so were valley and narcissus. Newport lilac was a feature in the market and sold fairly well, considering that the people have been smothered in it here. Good Jacques and Meteors were in demand and the Greek peddlers have fallen in love with American Beauties. Many of the florists have been busy with either weddings, funerals, or steamer.

There was quite a lot of flowers shipped for Decoration day by our wholesalers to out-of-town florists, particularly to those in the northeast; this would seem as if business was good in that direction. A full report of Decoration day will be sent you for next issue. IVERA.

BOSTON.

Review of the Market.

As usual, the week before Decoration day has been rather a peculiar week for the cut flower business. Among the retailers the volume of trade has not been above the average for this time of the year; while the growers have to a great extent been holding back, causing a big decline in receipts, and then trying to increase the prices to holiday figures. The result is a big kick, and while the growers get the best of it now, they will get their pay later on. Stock of all kinds has therefore run rather light, with considerable of an increase over last week's figures.

Brides and Maids are running small in size and have been the only staples in quantity in the market. Prices ranged from \$2 to \$12.50 per 100; Kaisers about the same as for best Brides; Beauties hold at about last week's prices. Carnations sold from \$1.50 to \$3 per 100, probably \$2 is a fair average for good stock; some nice blooms brought as high as \$4; valley, from outside, about \$1.50 per 100; stocks \$3 and \$4 per 100; sweet peas from 75 cents to \$1 per 100; lilies and

callas, \$1 per dozen; bulb stock about done for the season. Odds and ends of seasonable flowers sell well, running from \$3 to \$4 per 100.

The Plant Trade.

The past week has always been considered the banner week among plant growers; but this year so much cold weather has made buyers rather shy about planting out, so that the business did not come up to expectations. Among the trade at the market most all of them report an increase over a year ago, and with plenty of orders depending on the weather. At the auctions a fair crowd is in evidence at the sales, and lively bidding is done when any really nice plants are offered. Prices are about the average for the season.

The News.

All the store men have been very busy preparing for Decoration day and windows are filled up with dried work, which is quite a feature at this time.

Having had trouble with unruly fakirs, the management of the market had Mr. Walsh deputized as a special policeman, which will have a tendency to curb some of those who are always looking for trouble. P.

BUFFALO.

The Season.

We are at least ten days behind the large eastern cities and the hot cities of the Mississippi valley in our bedding-out time; so we are only now in the midst of it. Very fine, warm weather has again made flowers very plentiful and the two staple articles, roses and carnations, are very fine. Never before have the florists of this neighborhood grown so many Japan longiflorum; they are here by the thousand and of fine quality; in a batch of 1,500 plants I fail to detect a case of yellow fever or any other southern disease. The demand for plants and vases for the different cemeteries is as good as ever and for every young widow who dries her tears and neglects to decorate her lot in Forest Lawn a half dozen new bereavements occur that demand the services of the stony hearted florist.

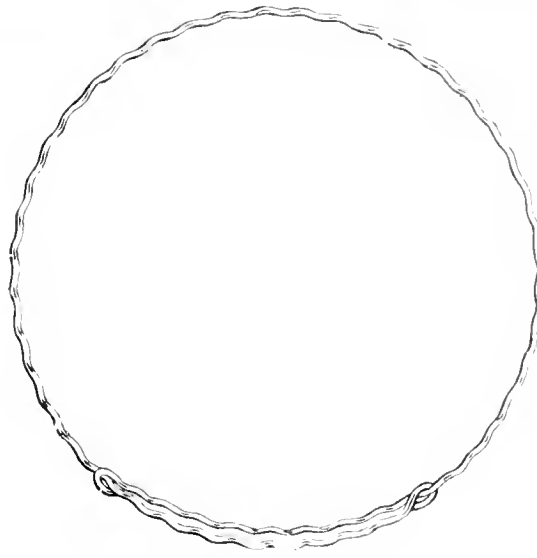
A Storm.

About 3 o'clock this Monday afternoon a storm came up, or rather down, which has hurt business sadly. If not sales, it has sadly hampered the work of filling vases, a great proportion of which is done this day before Memorial day. Hail of a harmless size (the kind that Esler likes to read about) fell in blinding sheets, followed by a baby cyclone of water, which rushed up the streets and across the fields. I have heard about the flood gates of Heaven being open, but that's too ambiguous for me, because they don't have floods there, but the clouds that we happened to be under opened wide



Plant Stake.

Rose Stake.



Extension Wreath

Wire Specialties.

—very wide. It hurt some of us much, but if the sun rises bright on time tomorrow we will overlook it all.

Crack Shots.

I received word from Bro. Rust, of Pennville, this morning that the Philadelphia Florists' Shooting Team would be in our town at 10 p. m., and after alighting from the Lehigh car to investigate the condition of their powder (you must not keep the best brands too dry), they will proceed to Erie, Pa., to shoot for the championship of Pennsylvania. I will take much pleasure in meeting them at the station and will report on their condition in our next. I would propose that if this team wins the first or second prize at Erie, they be barred from competing with the poor innocents from other cities at Detroit. What's the good of going up against such a gang of experts as they can bring from the banks of the Delaware? Let those six cracker-jacks give an exhibition shoot, with a medal for the highest score in the team, and let Philadelphia be represented in the tournament by six ordinary shooters composed of Lonsdale, captain; H. Bayersdorfer, R. Kift, J. Westcott, R. Craig and S. Pennock, and David Rust as reserve.

A Pan-American Smile.

The placid and McKinley-like J. Austin Shaw was in town for several days and in company with the writer walked over the site of the Pan-American. Mr. Shaw has attended all the big exhibitions of this continent and should be and is well able to judge of the advantages and beauty of a site, and he declares that none, not excepting the World's Fair, had such fine and beautiful natural advantages. When he saw the Park Lake he raised his silken hat to allow full play to the

broad, benevolent smile of admiration for which his features are so admirably adapted. W. S.

WIRE SPECIALTIES.

We present herewith engravings of three new articles now manufactured by the Model Plant Stake Co., Brooklyn, N. Y.

The plant stake illustrated is of heavy wire and painted green, and the prong at the bottom makes the hold in the soil very secure. There is supplied with this stake an ingenious wire tyer that can be attached with remarkable ease and rapidity, and an extra one is provided for attaching a label or tag to the loop at the top. This should be especially useful for staking lilies and similar plants.

The rose stake is of the usual length and weight of wire, made in several sizes, is pointed and has a loop at the top. The point is sharp enough so it enters readily into the wood bottom of a bench, and we judge the intention is to have the horizontal wire pass through the loops and thereby avoid the necessity of tying the stakes to it.

The extension wire circle is for use in making Christmas wreaths, etc. As will be noted, the circle can be contracted or expanded at will to make the size of wreath demanded. The wire is painted green.

In addition to samples of above the manufacturers have sent us specimens of their Model Extension Carnation Support, which is now well known in the trade and which has several times been favorably mentioned in these columns. A new style has an additional ring lower down, to be used for dwarf growing varieties.

WHEN you write an advertiser, always state that you saw the adv. in The Florists' Review.

ST. LOUIS.

Business Conditions.

Decoration day in this city counts for but little in the cut flower line, and it is not expected to improve business to any extent, and but little trade is looked for by our commission men from city trade, although they report quite a few shipping orders, which will use up all their surplus stock. For this time of the year business is moving along fairly well and the latter part of the past week stock of all kinds was a little scarce—that is, choice grades. Friday and Saturday the wholesale men reported clean sales by noon.

The Market.

Select Meteors, Brides, Maids and Carnots brought \$5 and \$6; seconds, from \$2 to \$4, and a lot of short-stemmed stuff sold at \$1 and \$1.50; choice Beauties, \$4 and \$5 per dozen; shorts, \$1 and \$1.50, but are not over-plentiful. Carnations are particularly good and cheap. On Friday and Saturday of the past week they took a little jump in price, selling at \$1.50 for the best; common, from 75 cents to \$1. This morning (Monday) they brought \$2; everybody wanted them and they seemed scarce. Sweet peas are selling at 75 cents to \$1 per 100, but not any too many in the market; white and pink are the best sellers and many of them are used in funeral work. A few Harrisii were seen and sold readily at \$6 and \$8 for the best; paeonies are not so plentiful and the few that come in sell at \$3 per 100; some fine valley is now coming in and sells at \$3 and \$4; smilax had a good call last week and sells at \$15 per 100 strings. Ferns of all kinds, fancy and dagger, are very plentiful, and the retailers are happy again.

Plant and Seed Trade.

The plant trade at Union market is still good and the growers report that they have had the best spring trade in years. Bedding stock, too, has sold well, and quite a few orders remain to be filled, and about next week will wind up that branch of the trade.

The seedsmen also report good trade and say that the orders from the south were filled three times, as the first two were ruined by frosts and flood. Jos. Dickman, C. Young & Sons, Plant Seed Co. and Schisler-Corneli Seed Co. are well satisfied with their season's trade.

The nurserymen say they expect a good fall trade in trees, as the spring trade was too short and lots of orders could not be filled which are left over for this fall.

Notes.

Much sympathy is expressed for Charlie Wors, whose son, Robert Fitzsimmons Wors, three years of age, died Saturday morning. He had been sick for some months past and no one was allowed to enter Mr. Wors'

place of business, as he lived in the rear of the store.

W. E. Jordan is around on crutches. Willie was working around his boilers and a large iron bar fell on his foot, crushing it quite badly.

Mayor Ziegenhein has at last had his appointment for park commissioner confirmed. F. L. Ridgely, who has held the office the past four years, was reappointed. "Billy" Pape was the florists' choice, but as Billy will be superintendent, Mr. Ridgely will do.

John Kunz and Charlie Kuehn spent Sunday in Belleville on a fishing trip. They didn't catch anything but a bad cold.

The North Floral Co. furnished the flowers for the tables at the great anti-trust banquet in the Coliseum last Thursday and the Schureman Floral Co. had the decorations at the hall.

Ostertag Bros. decorated a trolley car last Saturday. It was a very attractive affair and much admired.

Arthur Ellison reports another robbery, this time at their down-town store, 625 Olive street.

The Florist Bowlers were much pleased with the mayor for having appointed Dr. Henry Helwig, one of our members, milk inspector. Doc says nothing stronger goes now and that he will be with us from now on every Monday night.

Our old friend Andrew Meyer is well again, after six weeks of severe sickness.

Bowling.

The Bowling Club rolled five games on Monday night. John Young was our high man. He is improving each night and will soon be regarded as our best bowler. The scores were as follows:

	1	2	3	4	5	Total.	Av.
John Young	158	168	138	202	...	666	133.2
F. C. Weber	...	177	145	...	...	322	161
C. Beyer	...	135	139	119	...	434	145
J. J. Benke	...	131	151	152	...	434	145
C. A. Kanha	...	165	114	147	139	565	141
C. C. Sanders	...	131	139	177	119	566	142
A. Hingler	...	124	162	151	123	560	140
J. W. Kunz	...	122	137	153	118	530	133

The St. Louis Florists' Bowling Club has rolled 100 games since the first of the year. The next month's rolling will decide the teams which will represent St. Louis at the S. A. F. convention at Detroit. The scores and averages of the members are as follows:

	No. Games.	Total	Av	H. S.
Duncan Finlayson	50	7944	159	225
Carl Beyer	44	6789	155	226
C. A. Kuehn	100	15326	153	211
J. J. Benke	97	14212	146	225
C. C. Sanders	67	9553	142	193
J. W. Kunz	64	13232	141	194
John Young	66	9119	138	202
F. C. Weber	44	5966	134	222
Emil Schray	18	2714	133	171
R. P. Tesson	6	710	118	155
F. J. Fillmore	47	5262	112	184

J. J. B.

CHICAGO.

The Market.

Decoration day trade was exceedingly satisfactory. While the supply was considerably less than that of last year, there was enough to go around,

and all moved at fairly good prices. And it was noted that there was less stock dropped on the market at the last moment than at any holiday season for some time.

Aside from peonies, there was but little outdoor stock of any value. The heavy rain storms just prior to the date they were wanted put what there was in an unmarketable condition. Several lots of snowballs, etc., were sent in, but were practically worthless when received. Of peonies there were enough to meet demands. Very few Cape Jasmines were received from the south, and these have been an important factor in previous years.

Roses and carnations were in excellent demand, and though prices did not rule very high, everything good was moved. Some dealers noted a better call for white carnations than usual for the occasion.

Various Items.

The next meeting of the Florists' Club will be held this Friday (2nd inst.).

We regret to have to record the death of Mrs. A. McAdams, which took place May 23, after a lingering illness. Mr. McAdams is himself still under the doctor's care, and has certainly had more than his share of misfortunes of late. He has the heartfelt sympathy of his many friends in the trade.

McKellar & Winterson report very large sales of common ferns for Decoration day. They were fortunate in having a very large supply and all were disposed of.

Mr. J. Austin Shaw's silk tile and Pan-American smile are now with us. Omaha will be favored next.

Bowling.

Following are the scores made in the handicap prize games played last Friday evening:

	1st.	2nd.	3d.	4th	Tot.	Av.
Geo. Asmus	216	138	132	142	628	157
G. L. Grant	125	141	142	159	567	141
A. H-nderson	143	122	144	125	534	133
Jno. Degnan	127	124	132	130	513	128
P. J. Hauswirth	132	150	91	163	476	119
C. Hunt	108	105	120	141	474	118

CLEVELAND.

Various Notes.

Rain for the past three days kept flower buyers at home; stock accumulated and the usual rush came at the last moment. All the down-town florists report trade good—better than former years. Stock was plentiful. Roses poor and retailed from 50 cents to \$1.50 per dozen; carnations 40 cents to \$1 per dozen. Bedding plants sold readily at the usual price. The weather was fine on Tuesday.

The florists were surprised last Saturday when Miss Lillian Hutchins, who clerks for Miss Eadie, informed Miss E. and her fellow clerks that she and Ogden Gall, of Brinker & Gall, were quietly married last February. Mr. and Mrs. Gall have the best wishes

of the Cleveland florists. One more smiling face to be seen no more behind the counter.

H. Reinflesh is rebuilding three of his houses.

Mr. J. W. Nicodemus, of New Comertown, O., was in town this week. He is building a new house 16x110.

O. A. C. O.

PARIS, FRANCE.—The annual flower show was opened at the Tuileries, May 25, by President Loubet. One entire hall is devoted to roses.

DETROIT, MICH.—The greenhouses of Asman & Dunn were badly wrecked by lightning and wind May 17. Loss estimated at \$5,000.

ROCHESTER, N. Y. — Chas. W. Briggs, of Briggs Bros. & Co., seedsmen, died May 17 aged 74 years.

PLEASE SEND us an accurate list of those in the trade who receive their mail at your postoffice.

BUY YOUR supplies from the advertisers in The Florists' Review, and thereby increase the earnings of your certificate.

**SEND IN
YOUR
ORDER
NOW**

FOR A

COPY

OF THE

FLORISTS'

MANUAL

...BY...

WM. SCOTT.



BASKETS For Commencements.

Your stock should be complete with the **NEWEST** and **BEST** styles.We have no surplus or old stock to work off, nothing but fresh clean goods, of the **LATEST NOVELTIES**. You need some of these goods. Send for collection or special "styles."

CATALOGUE FOR THE ASKING.

...WE ARE LEADERS IN...

Wheat Sheaves,
Cycas Leaves, etc.,
Metal Designs, etc.,
Cape Flowers,
IRON PLANT STANDS.

M. RICE & CO.

IMPORTERS AND
MANUFACTURERS OF **Florists' Supplies,**

25 N. Fourth St., Philadelphia, Pa.

Mention The Review when you write.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—By a first class florist, 15 years' experience in growing ferns, palms, carnations, roses and general stock; also a first class decorator, designer and salesman. Address P. C., care of Florists' Review.

FOR SALE CHEAP—Hitchings Hot Water Boiler No. 15, with 250 ft. 4-in. pipe and four valves, in A1 condition. Address C. J. Benz, Conshohocken, Pa.

FOR RENT OR SALE—First class retail stand, 5,000 feet of glass. New. In city. Ought to net good man at least \$3.00 per day. Must buy stock, about \$500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CLAUS, Springfield, Ill.

SITUATION WANTED—An up-to-date cut-flower artist, designer and decorator, second to none and a good salesman, now with one of the best firms in the country, wants to make a change; best of reference. For full particulars, address E. V. O., care of Florists' Review.

WANTED—A good plant novelty. Address Novelty, care Florists' Review.

WANTED—Position as grower and foreman on some large up to date place, to grow general cut flowers; have given the best of satisfaction in similar positions; up to date with roses, carnations, violets, pansies, etc. Address Grower, 1050 Gilbert St., Grand Rapids, Mich.

WANTED. A first class man to grow tea roses, must be No. 1 in every respect. Steady employment and good wages paid. Bassett & Washburn. Hinsdale, Ill.

Wanted. 1,000 Perle, 500 Mrs. John Lang, H. P., 500 Paul Neyron, 500 Sunset, Irué, all 2 to 3-in. pots. State lowest price, immediate delivery. Address The U. A. Reeser Co., Urbana, Ohio.

Cypress Greenhouse Material.

We are the pioneers in Clear Cypress Greenhouse Material. We discovered that Cypress is better than any other wood for greenhouses from top of posts up and we introduced it, and fought for it against many prejudices, and finally succeeded in bringing it into general use.

Others have attempted to follow where we lead, others are trying to reap what we sowed, but we have the experience and are recognized as experts in greenhouse construction.

Write for Circulars
or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

SITUATION WANTED—By florist, 8 years' experience; roses, carnations, plants; single, 28; references: capable taking charge. Address J. A. H., General Delivery, Warren, Pa.

BUSINESS OPPORTUNITY. A rare opportunity is open to a hustling business man with some capital to get into a well established and profitable business. A chance of a life-time. Those meaning business may obtain particulars by addressing

ROX, care of Florists' Review.

FOR RENT—16,000 feet of glass within 12 miles of Chicago court house; fairly good condition; some houses new; new boiler; long lease. Or, will rent on shares. Address C. N., care Florists' Review.

BEDDING PLANTS WANTED.

A subscriber asks us where he may obtain such bedding plants as *Mentha pulegium gibraltaria*, *Sedum glaucum*, *Sedum lydium* and *Antennaria tomentosa*. Can any reader give the desired information?

E. H. HUNT
THE "OLD RELIABLE" FOR
**Wholesale
Cut Flowers**
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention the Review when you write.

MILWAUKEE.

Notes.

Memorial day was a record breaker. Everything in the shape of a blooming plant or vine found a ready sale. Prices on bedding stock ruled high and good geraniums brought \$10 to \$12 per 100 at wholesale. Small divided clumps of grave myrtle brought \$20 per 100; this stock was badly frozen out last winter and was extremely scarce. The demand for cut flowers exceeded any previous year. Inferior grades selling as readily as high-grade stock.

The city greenhouses are completed and are being stocked as rapidly as possible. Stock for bedding out in the parks is now supplied from them, thus cutting off the revenue formerly enjoyed by the florists. Late visitors were H. Levenhagen, Manitowoc; J. E. Mathewson, Sheboygan, Wis.
GEO. W.

PROF. F. W. TAYLOR, who was head of the Horticultural Department of the Trans-Mississippi Exposition at Omaha, has been appointed Director of Exhibits and Concessions of the Pan-American Exposition to be held in Buffalo in 1901.

IF YOU DO a wholesale business, you should not fail to have an adv. in the Florists' Manual, by Wm. Scott. Write for circular giving rates, etc.

PLEASE SEND US a correct list of the names and addresses of the florists who receive their mail at your postoffice and thereby oblige.

ONE DOLLAR will bring the Review to you every week for a year. Fifty-two numbers—less than 2 cents a week.



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CUT FLOWERS. FLORISTS' SUPPLIES.
CONSIGNMENTS SOLICITED.
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REINBERG BROS.
Wholesale Growers of
Cut Flowers
We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine . . .
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51 Wabash Ave., CHICAGO
Mention The Review when you write.

600,000 FEET OF GLASS.
No charge for packing.

Wholesale Price List.

AMERICAN BEAUTY		
Extra long stem . . . per doz.	\$3.00	
24-inch stem	2.50	
20 " " " " " " " " " "	2.00	
15 " " " " " " " " " "	1.50	
12 " " " " " " " " " "	1.25	
8 " " " " " " " " " "	1.00	
METEOE per 100,	3.00 to	\$4.00
BRIDESMAID	3.00 to	4.00
BRIDE	3.00 to	4.00
PERLE	3.00 to	4.00
CARNATIONS	1.50 to	2.00
" fancy	3.00	

Quotations subject to change without notice. All other stock at lowest market prices.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of
and Dealers in **CUT FLOWERS**
Greenhouses at Hinsdale, Ill.
Mention the Review when you write.

Linch
WHOLESALE FLORIST.
19-21
E. RANDOLPH ST.
CHICAGO
Our prices are as low as any
and our stock superior.
We ask for a trial order.
Mention The Review when you write.

A. L. RANDALL
Telephone
1496
4 Washington St., Chicago.
Wholesale Florist
In our new and enlarged quarters we are better prepared than ever to handle your orders.
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BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION
Florists. Consignmen's Solicited.
41 Randolph St., CHICAGO.
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J. A. BUDLONG,
WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
37-39 Randolph St., CHICAGO, ILL.
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C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention Florists' Review when you write.

H. G. BERNING,
(Successor to St. Louis Cut Flower Co.)
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO.
Mention The Review when you write.

ELLISON & TESSON,
WHOLESALE SHIPPING
FLORISTS
3134 Olive Street, ST. LOUIS, MO.
...Home Grown Stock...
Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KILLOGG, Pres.
Growers of **CUT FLOWERS** at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.
Mention The Review when you write.

Cincinnati
Cut Flower Co.
W. A. MANN. FRANK W. BALL.
416 Walnut St. CINCINNATI, O. Wholesale Florists
Consignments Solicited.
Special Attention Given to Shipping Orders.
Mention The Review when you write.

KENNICOTT BROS. CO.

WHO WANTS THEM?

Per 100
 3,500 **Bride Roses**, 2½-in. pots \$2.50
 3,700 **Bridesmaid Roses**, 2½-in. pots... 2.50
 300 **Smilax Plants**, 2-in. pots 1.00

These are **EXTRA FINE PLANTS**.
 First come, first served. Remember a good thing don't last long.

CASH WITH ORDER.

McDONALD & STEELE,
CRAWFORDSVILLE, IND.

Mention The Review when you write.

GOLDEN GATE ROSE PLANTS

From soil ready for 3½-in. pots.
 12 plants, 50c.
 25 plants, \$1.00; 50 plants, \$1.50. Special rates on large quantities. See our previous adv., also other advs. in this issue. Send for circular.

AMERICAN ROSE COMPANY,
WASHINGTON, D. C.

Mention The Review when you write.

Brides, Maids, Meteors,

Strong, Clean Stock, ready for planting.

3-in., \$ 6 per 100, \$50 per 1000
 4-in., 10 " 90 "
 500 at 1000 rate.

F. BURKI, Bellevue, Allegheny, Pa.

Mention The Review when you write.

American Beauties

From 3-inch Pots.

STRONG CLEAN HEALTHY PLANTS.

\$9.00 per 100;
 \$80.00 per 1000. } THIS PRICE IS FOR THE TRADE ONLY.

JOSEPH HEACOCK, - Wyncote, Pa.

Mention The Review when you write

Asparagus Plumosus

Strings 10 feet long. 50 cents.
Nanus Shipped to any part of the country.

W. H. ELLIOTT,
BRIGHTON, MASS.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS

The most serviceable and popular Decorative Plant extant. Has supplanted Adiantum for cut flower work on account of the lasting quality and gracefulness of the fronds. True transplanted seedling plants, now ready, \$3 per 100; \$25 per 1000. 50c at one thousand rates. Cash with order from unknown correspondents.

R. ASMUS, - - - New Durham, N. J.

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Florists' Review
 When Writing Advertisers.

5,000

Dracaena Indivisa

FOR SALE BY
MENDENHALL, THE FLORIST,
MINNEAPOLIS, MINN.

Price \$10.00, \$15.00, \$25.00 and \$50.00 per hundred.

HOW MANY DO YOU WANT?
Mention The Review when you write.

SMILAX

Fine Stock, out of 2-in. pots.

\$1.25 per 100; \$10.00 per 1000.

CASH WITH ORDER.

J. B. HEISS, The Exotic Nurseries,
DAYTON, OHIO.

Mention The Florists' Review when writing advertisers.

PITTSBURG.

Business Conditions.

The past week has witnessed a decided change. Business has been on the increase and a general cleaning up occurred every day. This is also due to the limited amount of stock being cut, caused by the unseasonable weather.

Brides and Maids and Meteors are quoted from \$2 to \$6 per 100; Beauties from \$1 to \$3 per dozen; carnations 50 cents to \$2 per 100; lilies, \$8 per 100; sweet peas, 75 cents per 100; peonies, \$4 to \$8 per 100; annual chrysanthemums, \$3 per 100.

Notes.

Last week two carloads of potted plants, consisting mostly of the following plants: 1,600 geraniums, 1,000 coleus, 700 cannas, 1,000 alternanthera, 500 coleus cuttings in sand and a lot of other stock, were offered for sale at auction. The large consignment led to speculation as to who the shipper might be. Your correspondent has since learned that the B. & O. Railroad Company had discontinued its greenhouses at Connellsville, Pa., and had shipped the entire product to be disposed of. The stock was not very good. The sale was advertised extensively, but none of the florists participated. Most of the stock went to Italian fruit vendors.

M. Rice, of M. Rice & Co., Philadelphia, was a caller this week.

A new floral establishment has been opened at 204 Ohio street, Allegheny. It is known as the Allegheny Flower Company. The proprietor is Mr. H. L. Hunter.

At this writing, one day previous to Memorial day, business is very good.

Last Thursday evening the bowling enthusiasts meet for practice, and following are the scores:

	1	2	3	4	Tot.	Av.
E. C. Ludwig.....	115	116	123	224	578	147
J. B. Murdoch.....	194	191	132	179	696	174
Geo. Oesterle.....	149	147	134	125	555	138
Wm. Lauch.....	166	158	131	168	623	156

T. P. LANGHANS.

SEND IN
YOUR
ORDER
NOW
FOR A
COPY
OF THE
FLORISTS'
MANUAL

REGULAR SHIPPING ORDERS RECEIVE
SPECIAL ATTENTION.



WITTENDORF BROS.

Wholesale Growers of

CUT FLOWERS,

51 Wabash Ave., CHICAGO.

We have 6,000 Meteors in 2-inch pots, which we offer at \$18 per 1000. Fine plants.

Mention The Review when you write.

Stock on Hand.

	Per 100
Begonias, 2 1/2-inch, 10 varieties	\$1.50
Daisies, " " 2 "	1.00
Feverfew, " " 1 "	1.50
Fuchsias, 1-inch, mixed	2.00
Chrysanthemums, 1-inch, our selection	2.00
Iresines, 1-inch, 2 colors	1.50
Southern Thyme, 1-inch	1.50
Velvet Plant, 1-inch	2.00
Smilax, strong, 1-inch	2.00
Smilax, iron hats	.50
Pelargoniums, mixed	2.00
Coleus, 10 varieties, 2 1/4-inch	2.00
Lobelias, " "	1.50
Golden Feverfew, " "	1.50

THE MORRIS FLORAL CO.,
MORRIS, ILL.

Mention The Review when you write.

SMILAX!

40,000

Plants from Pots,
\$1.50 per 100.

SEND FOR SAMPLE.

ALBERT M. HERR

LANCASTER, PA.

Mention The Review when you write.

Vegetable Plants.

CELERY. White Plume, Golden Self-Blanching New Rose and other varieties, strong plants, 15c per 100; \$1.00 per 1000. If by mail, add 10c per 100.

CABBAGE. H. Succession, Early Summer, Flat Dutch, Drumhead Savoy and other varieties, strong field plants, 15c per 100; \$1.00 a 1000; \$8.50 a 10,000. If by mail, add 10c per 100.

TOMATO, EGG and PEPPER in variety. Send for price list.

Chrysanthemums in good var., from 2 1/2-in. pots, \$2.0 per 100. Cash with order.

R. VINCENT, JR. & SON, White Marsh, Md.
Mention The Review when you write.

Roses and Chrysanthemums

Extra fine, clean stock, guaranteed to please, 3-inch Brides and Maids, \$1.00; \$35.00 per 1000, 2 1/2-in. Meteors, \$5.00 per 100; \$25 per 1000.
Leading 'Mums: Yellow—Bonnaillon, Modesto, Johnson, Jones, Golden Trophy, Emil Buettner, Sunderbruch, Rieman, Maud Adams, W. H. Lincoln, Yellow Queen, Golden Wedding, Henderson, Pink—Perrin, Ivory, Jones, Vivand-Morel, Murdock, Glory of the Pacific, Marquis de Montmort, White—Mayflower, Geo. S. Kalb, Ivory, Robinson, Jones, Iron Woodford, Gretchen Buettner, Schrimpton, Lottie Berry, Minnie Wanamaker, Fitzwygram, Bergmann. Red—Mrs. J. H. Weeks, Defender. 2 1/2-in., \$2.50 per 100; \$20.00 per 1000.
Address

POEHLMANN BROS.,
Cook County, MORTON GROVE, ILL.

Mention The Review when you write

PEACOCK'S New Dahlias

For 1899—Best New Varieties.
Best Old Varieties.

Send for our New Illustrated Trade List before ordering elsewhere.

Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequalled record.

Best New and Standard Carnations— Beautifully illustrated and accurately described in our Trade List. Send for copy.

Surplus Stock of Mixed Dahlias— At right price. Also Dahlias under color. Correspondence Solicited.

W. P. PEACOCK, - Atco, N. J.
Mention The Review when you write.



Palms and Ferns

The Largest Stock of Plants in the West.

Send us your name and we will keep you posted when we have anything special to offer.

GEO. WITTBOLD, N. Halsted St. CHICAGO.
Mention The Review when you write.

TELEGRAPH CODE.

In telegraphing orders to any of the wholesale dealers in cut flowers use the following code:

- Assume**—Do not answer if cannot fill order.
- Abrogate**—In case you cannot fill order, telegraph at once.
- Anticipate**—Answer at once, stating whether you can or cannot fill order.
- Ambition**—If you can only partially fill order, do so, and reply, stating what.
- Admiral**—Order must be sent on train mentioned only.
- Ambulance**—Want all of order filled or none, and prompt answer back.
- Adjacent**—If cannot send on train mentioned, next one will do.
- Alfable**—Send prepaid by baggage master, if no express messenger on train.
- Decorate**—If cannot send all on train mentioned, send all you can, and send balance on next train.
- Admission**—This order is a substitute for my regular order.
- Dancing**—If cannot fill order exactly as specified, you may substitute according to your best judgment.
- Ancessor**—This order is an addition to my regular order.
- Durable**—Colored flowers must not be substituted for white.
- Affection**—Fill if possible, even at extra expense.
- Fabricate**—Flowers ordered are to be re-shipped to a distance, therefore buds must be cut specially close.
- Fortunate**—Select extra stock and charge accordably.
- Devotion**—For cheap work, and can use second-class flowers, if at reduced price.
- Flattery**—If price has advanced since last quotation, do not send goods, but telegraph.
- Forgery**—This order countermands all previous orders.
- Formation**—Add these items to the order which you already have, but in case first order is already shipped, cancel this addition.
- Fleming**—We are to a bad pluch; send us something to help us out, even if of poor quality.
- Flocking**—Have sent mail order; if not yet received, send following at once, and cancel mail order when received.
- Foraging**—This order includes all items previously ordered and wanted for this date.
- Superior**—Can use something especially fine, and am willing to pay accordingly.
- Skip**—If you are out, buy the best you can; we accept risk of getting "pickled" stock.
- Corporal**—If cannot send on night train, morning train will do.

THE CODE BELOW WILL BE USED IN ANSWERING YOU, WHEN NECESSARY.

- Elope**—Cannot fill your order to-day. Stock is scarce. Have tried to buy at other houses for you.
- Lecture**—Our store was closed yesterday when your telegram came. Received it this morning. Will ship by first train to-day, unless countermanded at once.
- Willing**—Cannot ship on train mentioned. Will send on next train possible to-day.
- Eclipse**—Will send part of your order. Balance scarce. Cannot get it at any price to-day.
- Artistic**—Cannot fill order to-day, if you want order filled (same order) to-morrow, wire us at once.
- Favorite**—Stock very poor, none better to be had. Will ship unless countermanded by 10 o'clock.
- Fundament**—Stock named in this telegram has been sent, and balance, unless countermanded by telegram, will be sent on.....

KEEP THE DEALERS POSTED.

Keep the dealer from whom you order flowers fully posted as to the sort of stock for which you have the largest sale. Write him as fully as possible when you have time to devote to the matter. Keep him fully advised as to the needs of your trade. He will then know much better how to fill your telegraphic orders. He will know whether to send you the best in the market at the top price or to send you a fair grade at a more moderate price. The dealer is anxious to please you but often his information is meagre. Make this information as full as possible by mail and your telegraphic orders will be filled more to your satisfaction.



51 Wabash Avenue,

W. S. HEFFRON, Mgr.

CHICAGO.

PRICE LIST--Taking Effect June 1.

ROSES.

Beauties, long, per doz.	\$2.50—	
" medium, " "	1.50—	
" short, " "	.75—	
		Per 100
Meteors, Maids, Brides, Kaisersins.	\$3.00—\$4.00	
Perles.....	2.00—4.00	
Roses, seconds.....	3.00—	

Decorative.

ASPARAGUS.
Per string..... \$.50

FERNS.
Per 100, 35c..... per 1000, 3.00
Maiden Hair..... per 100, 1.00

GALAX.
Bronze and Green, per 100, 15 cents; per 1000, \$1.25

SMILAX.
Common..... per doz., \$1.50—2.00

All other flowers in season.

Above quotations are subject to change without notice. P. and D. at cost.

Extra select and inferior qualities charged for according to value.

Regardless of prices quoted all stock will be billed at lowest market rates.

Store open from 7:00 A. M., until 6:30 P. M. Sundays and Holidays closed at noon.

CARNATIONS

ARE OUR SPECIALTY. Per 100

Fancy Varieties, fancily grown	\$3.00—
Ordinary Varieties, fancily grown	1.50—

Miscellaneous.

Marguerites.....	Per 100, \$.50
Forget-me-not.....	" 1.00
Callas.....	Per doz, 1.25
Harrisii, per 100, \$10.00.....	1.25
Valley.....	Per 100, 4.00
Pansies.....	" .50

Mention the Review when you write.

The

IT WILL COVER the whole field of Commercial Floriculture, the articles arranged alphabetically, encyclopaedia style, so reference may be quick and easy. It will be a whole library in itself, and will tell you just what you want to know in just the way you want to be told. It will be the standard work of reference for the trade.

WILL BE READY FOR DELIVERY IN JUNE.

Florists' PRICE, \$5.00

SEND IN YOUR ORDER NOW.

Payment need not be made until book is ready.

Manual

By WILLIAM SCOTT.

FLORISTS' PUBLISHING CO., 520-535 Caxton Bldg., CHICAGO.

Always mention the Florists' Review when writing advertisers.

SAMUEL S. PENNOCK, Wholesale Florist

OPEN DAY AND NIGHT—From 12 A. M. Mondays to 10 P. M., Saturdays.

A constant supply of SELECT VALLEY the year round. 1612-14-16-18 Ludlow St., Philadelphia, Pa.
AMERICAN BEAUTIES OUR SPECIALTY.

Mention the Review when you write.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
Phone 2157.

CONSIGNMENTS SOLICITED.

No. 705 Penn Avenue,
PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

Mention The Review when you write.

PHILADELPHIA.

Trade has been somewhat better the past week, there being a number of decorations. Pennock Bros. report a number of decorations which required a great many Beauties, sweet peas, Bridesmaids and carnations.

We understand the quality of roses and carnations in general, both in size and color, was exceptionally fine, and they keep remarkably well, due no doubt to the cool weather of the past few weeks. Beauties brought from \$10 to \$25 per hundred. Brides, Maids, Kaiserins, Meteors, Perles, Gates and Carnots from \$4 to \$6 per hundred.

J. Kohler & Sons intend making a number of alterations in their establishment at Frankford after the spring rush is over. They intend building a show house running along the main street, to be 25 by 75 feet, with a flat roof. This will be devoted to palms and other decorative stock. It promises to be a very attractive affair. They also intend rebuilding some of the other houses. This firm reports a very good spring in general.

Among the visitors in town during the past week we noted Mr. Alexander Meade, of Norwich, Conn. We understand that Mr. Meade was in the market for several hundred dollars' worth of palms and other decorative stock, principally in the larger sizes. If such be the case, it goes without saying that he was successful in finding same, as he was last seen alighting from a train at Riverton, where the headquarters for such material is located.

Mr. Dillon, of Bloomsburg, Pa., was also among the visitors in town during the past week. R.

SARATOGA, N. Y.—The Saratoga Springs Floral Association has decided to hold its annual festival and fete Tuesday, Sept. 5. Plans for the fete will be formulated at an early date.

HUMBOLDT, TENN.—W. W. Baird, of the Tennessee Nursery Co., has been appointed Assistant Commissioner of Agriculture.

CLEVELAND, O.—John Krebs, the florist, died May 20, aged 33 years.

ROSES.
Carnations
VALLEY
FERNS.
GALAX and
IVY
LEAVES,
and
all kinds of
Seasonable
Flowers
in Stock.



We get daily new customers because we have the reputation that all orders are punctually filled.

Consignments of good stock solicited.

Long Distance Telephone 2985.

WM. F. KASTING & CO., F. STOKES, Manager.

Wholesale Florists. 444 Sixth Ave.

All kinds of FLORISTS' SUPPLIES and WIRE DESIGNS on hand.

Mention The Review when you write.



Galax Leaf,
Much reduced.

Galax Leaves

AND

Leucothoe Sprays

FOR SPRING AND SUMMER USE.

Write for prices to

HARLAN P. KELSEY,
106 Tremont Bldg.,
BOSTON, MASS.

Mention The Review when you write.

Cut Flower Exchange,

404 - 412 East 34th St., New York.

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

Long's "Handy" Order Sheets

The practical leaders to correct order taking in hurried hours. Single sample free.

Pad of 100 sheets, mailed for 24 cents in stamps.

Ten Pads (1000 sheets), by express. \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.

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GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.



Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in Stock.

WM. F. KASTING, Wholesale Commission Florist,
451 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.

Mention The Review when you write.

WM. J. BAKER, WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.

Original Headquarters for CARNATIONS.

Mention The Review when you write

EDWARD REID,

LONG
DISTANCE
PHONE. Wholesale
Florist,

1526 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

Pandanus Veitchii

Clean Stock,
Pedestal
Grown.

6-in. pots, \$1.00 each; \$12.00 a dozen. Also larger sizes. Send list of sizes required and get rates. Also a few white leaved plants at half price, for decorative effects or cutting up.

JOHN WELSH YOUNG, - Germantown, Pa.
Upsal Station, Penn. R. R.

Mention The Review when you write.

Rose Hill Nurseries.

Palms, Orchids, Roses, Ferns

AND FOLIAGE PLANTS.

Largest stock in America.

SIEBRECHT & SON,

New Rochelle, N. Y.

Mention The Review when you write.

Subscribers

Are reminded that they will materially advance the interests of their paper by buying supplies of the advertisers in the . . .

Always MENTION the name of the paper when sending inquiries or orders. Florists' Review

Always mention the Florists' Review when writing advertisers.

DENVER, COLO.

The busy season and warm weather seems to have a depressing effect upon the bowlers just now. In the game of May 17 Mr. Ringier, of Chicago, partook of the sport and showed us how to knock chips off the pins.

Herewith are the scores for the past two weeks:

GAME OF MAY 17th.

	1	2	3	4	Av.
Robt. Kurth	157	194	157	180	172
A. E. Mauff	173	181	183	168	166
Chas. Mauff	191	179	145	...	162
John Berry	191	155	165	138	162
Geo. Zimmer	145	133	152	191	155
Chas. Webb	...	133	175	...	151
Chas. Meyer	134	147	176	152	152
Arnold Ringier	173	137	141	...	150
Gilbert Scott	...	123	85	...	106

GAME OF MAY 24th.

	1	2	3	4	Av.
John Berry	162	179	166	244	188
Geo. Breukert	149	228	148	134	165
Robt. Kurth	193	138	148	...	160
John Berry	136	160	139	179	153
A. M. Lewis	...	129	133	193	152
Geo. Zimmer	...	148	151	137	145
Chas. Webb	...	160	159	103	141
J. A. Valentine	...	...	...	100	100
H. J. Morris	63	84	...	...	76

J. B.

OMAHA, NEB.

Landscape Gardener Ulrich, of New York, and over a hundred men have been busy for weeks beautifying the grounds of the Greater America Exposition. To the beautiful floral adornments of last year will be added over 250,000 new plants.

Decoration Day ...Plants...

	Per 100
Rudbeckia Golden Glow, 3½-in. pots	\$4.00
Statice Armeria, Sea Pink, covered with buds, 3½-inch	3.00
Ageratum, white, 3½-inch, in bloom	3.00
Double Daisies, in full flower	1.00
Coleus, in variety, 2-inch, bright colors	1.50

CASH PLEASE.

EDWARD B. JACKSON,
STAMFORD, CONN.

Mention The Review when you write.

ORCHIDS ...

Just received in fine condition.

CATTLEYA LABIATA, C. Dowiana, C. Skinnerii, C. Granulosa, Lælia anceps, L. a. alba and L. autumnalis, all direct from the Tropics.

Lager & Hurrell, Growers and Importers, Summit, N. J.

Mention The Review when you write

See Our Prize Advertisement

In previous issues. Two samples Seedling Carnation Plants sent free by mail on receipt of 10c. Send for circular. See our other advertisements.

American Rose Company,
Washington, D. C.

Mention The Review when you write.

McKELLAR & WINTERSON,

Wholesale Florists,

CHICAGO.

45-47-49 Wabash Avenue.

OUR SPECIALTIES:

We have the **LARGEST WHOLESALE** House in Chicago. **Orchids, High-Grade Roses, Carnations and Violets.**

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

1899 CONTRACTS 1899

Now I am open to quote prices on all Bulbs, Plants and Roots for next season. Send in your list of wants for quotations.

F. W. O. SCHMITZ, JERSEY CITY, N. J.

Mention The Review when you write.

BIG CUT...

To make room for Rose stocks.

10,000 DOUBLE FRINGED PETUNIAS, Dreyer's latest set, the finest to be had, strong, bushy plants, in bud and bloom, 2 and 2½-inch, at \$1.50 and \$2.00 per 100.

5,000 MAMMOTH VERBENAS, Our challenge collection, nothing better, strong, 2-in., \$1.50 per 100.

5,000 COLETS, a very choice collection, 2 and 2½-inch, at \$1.50 and \$2.00 per 100. Heliotrope, Ageratum (White and Blue), Giant Alyssum, New Golden Marguerite, 2 and 2½-in., at \$1.50 and \$2.00 per 100; 3 and 4-inch, \$3.00 and \$4.00 per 100.

GERANIUMS, Strong, 2-inch, at \$2.00 per 100.

ROSES, The finest plants in the market. Brides, Meteors, Maids and Perles, \$3.00 per 100; Beauties, \$5.00 per 100.

CUT CARNATIONS, long stems, all colors, \$1.00 per 100.

NASTURTIUMS, Fancy new varieties, dwarf and climbing, \$1.50 per 100.

PANSIES, From cold frames. Big plants full of buds and blooms, the finest in the market, \$2.00 per 100. Terms strictly cash with order. Send for list.

SOUTH SIDE FLORAL CO. - Springfield, Ill.

Mention The Review when you write.

Rooted Cuttings of Carnations ALL SOLD.

We are booking orders for Field Grown Plants.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention the Review when you write.

THE FLORISTS' MANUAL

By WILLIAM SCOTT
Price, \$5.00.

It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, encyclopaedia style, so reference may be quick and easy. It will be a whole library in itself, and will tell you just what you want to know in just the way you want to be told. It will be the standard work of reference for the trade.

Will be Ready for Delivery in June.

SEND IN YOUR ORDER NOW. Payment need not be made until book is ready.

FLORISTS' PUBLISHING CO.,
520-535 Caxton Building, CHICAGO.

CARNATIONS...

Rooted Cuttings.

	Per 100
G. H. Crane	ready now, \$10.00
Gen. Maceo	" 10.00
Glacier	" 10.00
America	" 10.00
Gold Nugget	" 5.00
Argyle	" 5.00
Evelina	" 4.00
Mrs. McBurney	" 2.00

F. Dorner & Sons Co., La Fayette, Ind.
Mention The Review when you write.

The MODEL Extension Carnation Support.

Read what some of our best growers say concerning it.

Flatbush, Brooklyn, N. Y., Feb. 18, 1897.
Mr. Theron Parker, Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,

DAILLEDOUZE BROS.

Other testimonials will appear weekly. Write for prices.

THE MODEL PLANT STAKE CO.,
22 Morton Street, Brooklyn, N. Y.
Mention The Review when you write.

30,000 SMILAX...

From flats, by mail, \$0.50 per 100; \$4.00 per 1000
From 2-inch pots, 1.50 " 13.00 "

HYDRANGEA, rooted cuttings, \$1.25 per 100; \$10.00 per 1000. From 4-inch pots, in bud, \$1.25 per dozen; \$8.00 per 100.

CANNAS, mixed, 3-inch pots, \$3.00 per 100.

Send for Sample. Cash with order.

FRED BOERNER, Cape May City, N. J.
Mention The Review when you write.

Florists' Stock of Bedding Plants

Alternantheras, Coleus, Geraniums, Pansies, Daisies, Verbenas, Fuchsias, Salvias, etc.

Write for prices. Florists are invited to look over our stock when in Milwaukee.

ARCHIE MIDDLEMASS,
1019 Forest Home Ave. MILWAUKEE, WIS.

Mention The Review when you write.

TARRYTOWN, N. Y.

The regular monthly meeting of the Tarrytown Horticultural Society was held in the Vanderbilt building, Main street, on Thursday evening, the 25th inst. The secretary read a communication from the New York Gardeners' Society, inviting the members to be present at the strawberry show and entertainment at the Terrace Gardens, 146 East 59th street, on June 10, at 7:30 p. m. The president requested that all who were able would attend, and we trust they won't forget their biggest strawberries.

The executive committee has drawn up a circular letter which is to be mailed to the influential affluent residents, soliciting financial aid for a "chry" show in the fall. Several members present stated that their employers had promised assistance, and no doubt Tarrytown will make an excellent debut when the "Queen of Autumn" is again in perfection.

Mr. R. Angus, gardener to Major Hopkins, read a very able essay on the violet, and at the close of the lengthy discussion which followed it was still a disputed point whether it was dryness at the roots in summer, or the effects of dews, or the aristocratic atmosphere of Tarrytown, that was the cause of "spot" the bete noire in violet culture. J. H. Brougham, Fort Edward, N. Y., exhibited one of the Rochester automatic sprayers. Some of the members who had tried it said it fulfills all that is claimed for it.

JAS. T. SCOTT.

GRAND RAPIDS.

Several heavy rain storms the past week interfered considerably with outside planting, throwing the bulk of the cemetery work into the last few days preceding the occasion. All are so busy that they can scarcely find time to wait on their customers.

Carnations are scarce; roses about equal to the demand; lilies scarce also; plenty of small flowers, such as sweet peas, Paris daisies, etc. Prices are a trifle higher on bedding stock than last year, as most of the florists have gone back to the revised price list of former years.

Jean Goebel has been appointed superintendent of Valley City and Oak Hill cemeteries. He takes charge July 1. The appointment was a political one.

Another runaway, indicative of the return of prosperity. Wm. Cunningham's horse ran away from in front of Crabb & Hunter's greenhouses on Thursday; all the damage done was some smashed plants, seat thrown out and things otherwise shaken up. One year ago there was not a horse in Grand Rapids that would have thought of such a thing as running away.

GEO. F. CRABB.

TRY AN ADV. in the Review if you have any surplus stock to sell to the trade.

THE WATER GARDEN



NELUMBUM SPECIOSUM.

THIS is the most favorable season to plant all kinds of aquatics. Hardy Nymphæas will now grow freely, also all kinds of Nelumbiums, and in warm sections the tender Nymphæas may be planted with safety.

WE ARE HEADQUARTERS FOR AQUATICS

having the largest assortment of new and standard varieties of Hardy and Tender Water Lilies, Nelumbiums, etc., etc.

Nelumbium Shiroman,

the new double white Lotus, is without a rival. Immense flowers of great substance, pure white, a grand acquisition.

Nymphaea Robinsoni,

the greatest European novelty; sold when first introduced at \$30 each. We offer strong tubers at \$3.50 each.

See our Catalogue for full list. Many illustrated.

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Plants in 2 1/4-inch pots NOW READY. Price — per 100, \$15.00; 50 at 100 rate. per 1000, \$125.00; 250 at 1000 rate.

HOFFMEISTER FLORAL CO., 813 Elm St. CINCINNATI, O.

For sale also by E. G. HILL & CO., Richmond, Ind., and F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

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...HOW TO GROW CHRYSANTHEMUMS...

80 pages, well illustrated. A practical compilation of matter contributed by many of the leading experts of the day. By far the best work on this subject ever written. It contains instructions for each month in the year, also chapters on Training, Diseases, Seed Saving, etc. **ONLY 25 CENTS.** Published by

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A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap.

Trade list free on application.

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6,000 strong plants of Marie Louise Violets, ready to plant in the greenhouse or field.

They are clean and free from disease. I took them up the first week in March, they were fine runners at that time and are now nice little plants. I offer them for \$5.00 per 1000. Also, I have 4000 Rooted Runners left at \$5.00 per 1000. Send at once. Cash with order. CHRISTIAN LAWRITZEN, Box 262, Rhinebeck-on-Hudson, New York.

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Sphagnum Moss

First quality, \$1.00 per bale; 10 bales, \$8.00.

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Come, see Ericas (Heather), also Full Line of Other Flowering Plants vice yourself. Price List on Application.

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Lady H. Campbell, rooted cuttings.....	\$5.00 per 1000	Swanley White, rooted cuttings.....	\$5.00 per 1000
M. Louise, " "	5.00 "	California, " "	4.00 "
Farquhar, " "	5.00 "	Princess of Wales, " "	5.00 "

Ebles Giant, rooted cuttings, \$7.50 per 1000.

Write for prices on Potted Plants of above named varieties. All guaranteed to be first-class and perfectly healthy.

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ORDER QUICK, STOCK IS MOVING.

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	Per 100
600 Asparagus Plumosus Nanus, 5-in. pots,	\$20.00
600 " " " " " "	25.00
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Flowers in thumb pots; grows rapidly, 6-in. pot, carry 50 to 100 sprays of rosy flowers, 12 to 18 in. long; lasts 4 weeks when cut and wholesale at \$2 per 100; grows finely in cool house; perpetual bloomer. 12 for \$1.50, \$10 per 100, express prepaid.

New Fragrant \$1000
CALLA.

Very dwarf and free bloomer, has the fragrance of violets and lilies, \$1 and \$2 per 12, \$6 and \$12 per 100, mailed.

Asparagus Sprengeri.
2-in., 24 for \$1.50, mailed
3½-in., 24 for \$2.50, mailed

ed; \$4 per 100, express. 3½-in., 24 for \$2.50, mailed \$7 per 100, express.

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Fine large plants
in 4-inch
pots.

Roses.

Wootons, Brides, Maids, Meteors.
Belle Siebrecht, Perles and
Beauties, in 2-in. Fine Stock.

Write GEO. A. KUHLE, PEKIN, ILL.

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C. W. WARD,
Manager. QUEENS, L. I.

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Per 100.....\$2.00; Per 1,000.....\$18.00

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Asparagus Sprengeri,

Seedlings, from soil, with fine tubers, ready for 3-inch pots. By mail, and we pay postage, \$3.00 per 100. See our Carnation and Golden Gate advertisements. Send for circular.

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plants

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BEETS IN MAY.

C. asks: "To get bunch beets ready for market in cold-frames by the middle of May, what time should the seed be sown in the greenhouse and what time should they be transplanted to the frames? What variety is best for frames?"

I would rather this had been referred to the sporting editor of the Fireside Companion or to the Secretary of Agriculture, but as in an unguarded moment I signed myself as "A Trucker," I am in for it.

Sow about the middle of February thinly in drills in a few inches of soil on greenhouse bench. Transplant end of March, planting two to three inches apart. A cold-frame with sash will do if we get fine, warm weather, but a foot of manure with 4 inches of soil on top of it, and then the frame and glass, will do much better. The beets and mangels don't like cold sod or low temperature.

For forcing there is nothing better than Crosby's Egyptian. I notice there is a variety named Dewey's Early Blood, but I would not advise you to cultivate this kind, as it has a strong flavor of gunpowder. WM. SCOTT.

CORRECTION.

There were some typographical errors in the advertisement of Messrs. Greene & Underhill in our last two issues. Rooted cuttings of Mme. Bruant geraniums should have been quoted at \$2.00 a hundred instead of \$4.00, and 3-inch pot plants of Manettia bicolor should have been quoted at \$10.00 per 100 instead of \$2.00. The errors were ours, as the copy supplied by Messrs. Greene & Underhill was plain and distinct.

NEW PETUNIA.

We have received from Messrs. E. Banyard & Son, Clementon, N. J., flowers of their new double pink petunia, "The Novelty" which they will introduce next year. The flowers sent us are three inches across, very double, and of a very pleasing shade of pink. The growers state that the plants grow very strongly and need no stakes. It seems a very promising novelty.

JADOO.

John Hobson, Radnor, Pa., carried off the first prize for hybrid calceolarias exhibited at the meeting of the Pennsylvania Hort. Society May 16. These plants were grown in Jadoo.

INDIANAPOLIS, IND.

Baur & Smith have leased the Columbia Place Greenhouses and will grow high grade cut flowers for the wholesale market. The firm is composed of A. F. J. Baur and F. S. Smith.

COLORADO SPRINGS, COL.—Steps are being taken to organize a horticultural society.

5000 BEGONIA REX and 5000 VINCA VAR.

POT PLANTS.

Abutilon Var. trailing, finest of all for baskets and vases, 2½-in., \$6.00; 3-in., \$10.00; 4-inch., \$15.00 per 100	
Begonia Rex, 2-in.....\$4.00; 3¼-in., \$10.00 per 100	GERANIUMS—Mrs. Pollock, 2¼-in... \$4.00 per 100
" Louis Closson, 4.00 and 6.00 "	Mrs. Parker, "..... 6.00 "
Fuchsia Trailing Queen, 2¼-in..... 4.00 "	Happy Thought, 2¼-in. 6.00 "
Forget-me-not, winter flowering, 2¼-in. 3.00 "	Rose Scented, 2-in..... 4.00 "
Cobea Scandens, extra strong, 3-in..... 5.00 "	Silver Leaf, 2¼-in..... 4.00 "
Impatiens Sultana, 2¼-in..... 3.00 "	Freak of Nature, 2¼-in. 6.00 "
Maurandya Vine, 2¼-in..... 3.00 "	Manettia bicolor, 3-in...10.00 "
	Asters, seedling ..... .50 "

VINCA VAR, extra long, 2¼-in., \$2.50; 3-in., \$4.00; 3¼-in., \$5.00; 4-in., \$10.00; 5-in., \$15.00 per 100

ROOTED CUTTINGS.

	Per 100		Per 100		Per 100
Alyssum giant, double.....	\$1.00	Geraniums, mixed.....	\$1.25	Geraniums, Pansy.....	\$1.00
Abutilon, trailing var.....	2.00	Mad. Salleroi.....	1.25	Violet M. Louise.....	.60
Ageratum, blue and white...	1.00	Silver Leaf.....	1.50	Vincas Var., per 1000, \$10.....	1.25
Anthemis, double yellow.....	2.00	Rose Scented.....	1.50	Daisy Snow Crest.....	2.00
Begonia Rex.....	2.00	Mrs. Pollock.....	2.00	Impatiens Sultana.....	1.50
" Incarnata Gigantea.....	2.00	Freak of Nature.....	4.00	Lemon Verbena.....	1.50
" Vernon.....	1.00	Mrs. Parker.....	4.00	German Ivy.....	1.25
Coleus, mixed, per 1000, \$5.....	.50	Happy Thought.....	3.00	Lobelia, blue.....	1.00
Fuchsias, assorted.....	1.50	Mars.....	3.00	Manettia bicolor.....	2.00
Cobea Scandens.....	1.50	Mad. Bruant.....	2.00	Lantana, assorted.....	1.50
Cuphea (Cigar).....	1.00	Ivy.....	1.50		

VIOLETS, Marie Louise, Clumps very large, per 100.....\$4.00

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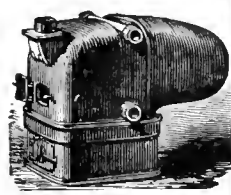
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There are probably several in your vicinity.

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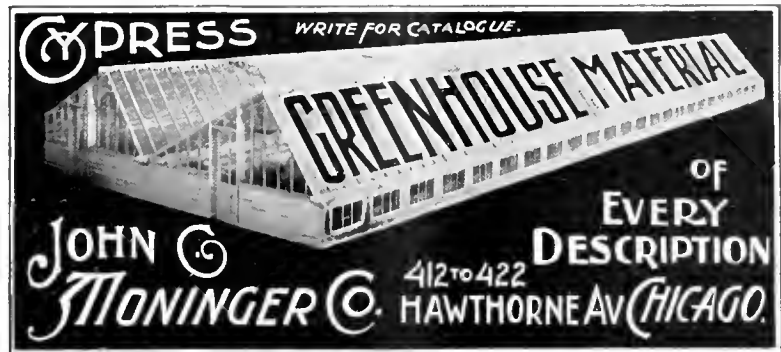
We rest our reputation upon the work we have already done.

Ask the owner about the lasting quality of our Cypress.

Ask him if he wasn't perfectly satisfied with our material and our workmanship.

We have thousands of satisfied customers.

We would like to add you to the number.



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G. L. GRANT, EDITOR AND MANAGER.

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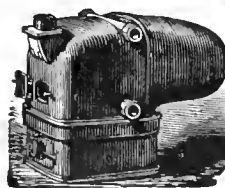
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No labor required.
Harmless to bloom and foliage.

A certain killer of
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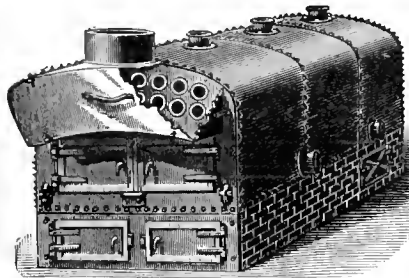
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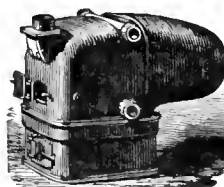
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Vol. IV.

CHICAGO AND NEW YORK, JUNE 8, 1899.

No. 80.

A PRETTY WREATH.

The accompanying engraving, which we have reproduced from Moller's Deutsche Gartner Zeitung, shows a

handsome wreath in which white lilac has been most effectively used. It was arranged by a leading florist of Berlin.

CHRYSANTHEMUM NOTES.

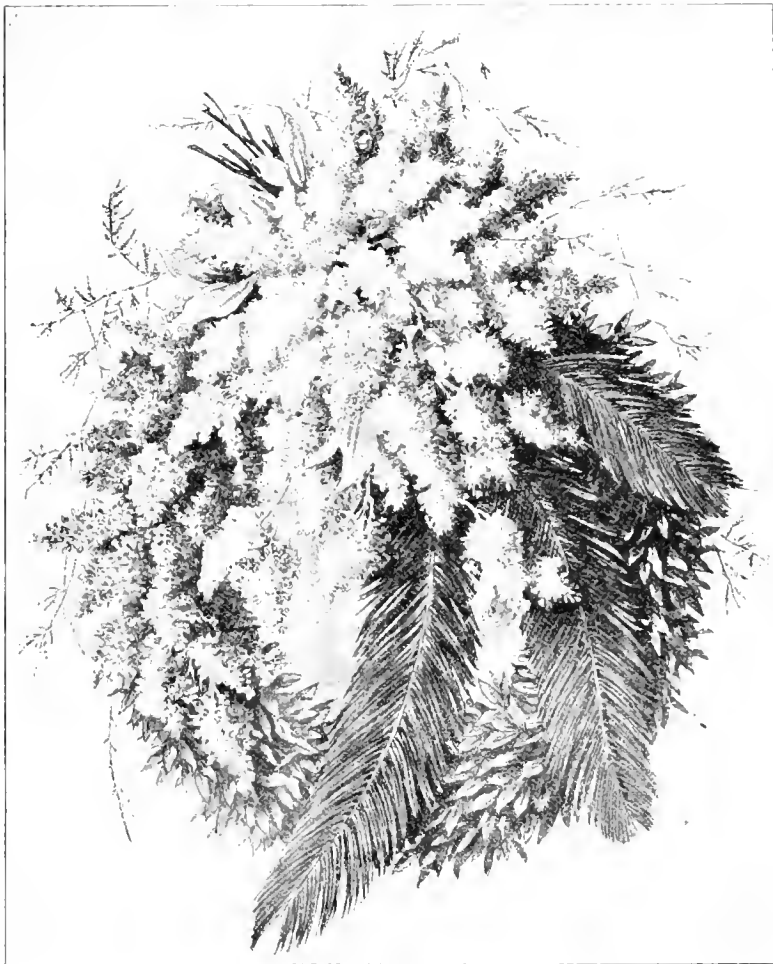
Planting can now be proceeded with apace, as the benches get cleared of bedding plants and miscellaneous stock. Don't forget to make the soil firm after planting to induce, as much as possible, a short-jointed "stocky" growth, which is the kind of growth that is needed to produce good results.

If you have any new kinds that you are trying for the first time, keep them together at one end of the house where you can keep them under your eye, and study their little peculiarities.

We have a large batch of Calvats, and other novelties, some of which promise interesting results, though it is a regrettable fact that nine out of every ten French varieties are classed as worthless, in this country, after the first year; our ideas of what constitutes a perfect mum being so different from the French idea. One French variety, however, that was exhibited last year, will probably become popular, and that is Soleil d'Octobre, a very pleasing yellow exhibited under the name of October Sunshine.

Of last year's varieties, we shall grow most of Frank Hardy, Solar Queen, Autumn Glory and Australian Gold. Frank Hardy was unquestionably our finest white last season, and though I am aware of the fact that it came in for a good deal of criticism in some quarters last fall, I am also aware of the fact that it was placed first at exhibitions all through the country oftener than any other white, with the single exception of Robinson. When a variety makes a record like that in a single season, it can be depended on to find its level, in spite of the carping critics. Take the second crown bud; give it room, and you will say with us, "Frank is good enough for me." Solar Queen, I alluded to in my last notes as a fine early yellow, so I will let it pass.

Autumn Glory will be our leader in



A Pretty Wreath.

pinks this season, and with this variety as with Hardy, the bud plays an important part. The crown bud was absolutely worthless; the terminal bud being the proper one to take, and this produces a magnificent flower, fine in every way. With the exception of Morel, we know of no pink that we like better. At first sight, Autumn Glory reminds one of Inter Ocean, though the color is deeper, and the petals stand out straighter. Its strong point is its vigorous constitution.

Australian Gold was rather weak necked last year, but judging by the vigorous growth it is making this year, I opine to the belief that it was only the result of over-propagation, and that this coming fall will see it holding a good position among the yellows.

The reader will please note that I have no stock to sell, of these or any other varieties, and these notes are written entirely from an unbiassed standpoint, and reflect truthfully my own experience. Others of the newer kinds may be giving better satisfaction to some growers, and to such I say, always keep varieties that suit your soil and treatment. Sometimes a variety that does not do well with you will give the best satisfaction to your neighbor, though generally speaking, the mum is not very fastidious in its requirements.

In the course of a four years' experience with Mrs. Jerome Jones, trying it a dozen different ways, we must at this time confess that we have never cut a really fine flower of this

variety; but we would hesitate to say it was no good in face of the dozens of growers who make it their leader in whites. Mrs. Jones has outstayed her welcome here and can go to grass.

Cuttings may still be rooted if desired, and will give comparatively good results, struck even in July, providing the kinds used are midseason and late varieties. It is a poor policy though to leave it so late before propagating, unless it be for side benches, where the head room is very restricted. I would not advise striking any of the early varieties after the first of June, unless it be Robinson; this variety rooted now and potted up in to 6-inch pots makes handsome little plants, kept to one stem and flower, and sells readily enough.

Plants that are to be taken up and potted in the fall can be planted out, either inside on the disused carnation benches, or out in the open ground, inside preferred, if you have the space, for they are then more easily watered and fumigated. Keep them stopped closely all this month, and the same rule applies to the ones you are growing in pots, if you have any. By closely I mean do not let the shoot get six or eight inches long and then pinch or cut off six inches at once; pinch when the plant is small and get some kind of a foundation for your plant. It will get up quick enough when you let it go. Lincoln is still the best all-round variety to use for such work, though I saw a splendid plant of Morel last season.

BRIAN BORU.

The American Girl will do her best to revive this fashion this season, and kindly assist her all you can. If you decorate for any parties where there is a possibility of it being adopted, don't hesitate to suggest it. When making wreaths for the head remember they should first of all be feather weight, and neatly made. Just a spray of Crimson Rambler or any small rose makes the most charming head-dress, the darker the color the better, though yellow will look well on many. Wreaths for the head should not be too formal, they are prettiest when made like a slender spray; let the wearer shape it as best becomes her. On many occasions just a rose on the side or back of the head will do; remember, boys, those silken tresses should not be hidden with clumsy stems of cabbage greens, so arrange accordingly.

The prettiest and choicest corsage bouquet worn just now is a spray of cattleyas without greens or ribbon. The stem is hidden in the folds of lace or cloth, and besides being rich enough for any surroundings these flowers last well in warm weather. Blue corn-flowers are very fashionable just now, even the dressmakers' and milliners' latest models are of corn flower blue. The flowers are best worn in loose bunches without greens, they also make a pretty boutonniere and are suitable for all occasions.

There is quite a difference in the styles of wearing flowers here and in Europe. Over there we remember when small bottles of water were fixed under lapels to hold the stems of flowers to keep them fresh. Today in the large cities over there you will see bouquets and boutonnieres ready made, thousands of these boutonnières are made of mixed flowers such as geraniums, heliotrope, pansies, fuchsias and roses. The most popular one at present is a tea rose with spray of adiantum and rose leaf, or a moss rose and leaf. Here ready made affairs don't go, and what is most popular is a cluster of one color. Our favorite boutonniere consists of a simple carnation or rose, or some modest flower with very little, if any, greens with it.

Decorations.

Now let us discuss decorative work again, and in this we will speak only of outdoor flowers (next week we will go to the greenhouse). The most important thing is to cut your stock when the dew is on it and keep it cool. It pays to give one man charge of your cut flowers to keep them straight and hand them out as required. Some people cannot make up a \$5 design unless they maul over \$10's worth of flowers; look out for that variety, there's neither money nor ability in them. To the retailer who grows some of his own stock we would urge that he make notes of the best flowers, and if they are not in his collection he should have them



The Wearing of Flowers.

The wearing of flowers as a head-dress is sent to us as something new from Paris and London. The fashion is not new, however, it is only a revival of a very old and beautiful custom. The distinguished ladies of the dense forests and isolated islands, which some are too apt to look upon as uncivilized, have for countless generations been accustomed to crowning their curly heads with garlands of choicest orchids, etc., nor has the pretty fancy been confined to any particular continent or race, and it is as

much in vogue today as ever. You will find the girls of Honolulu wearing more flowers in their hair than the girls of any city in Europe. It is quite true multi-colored maline hats don't count for much in such a place, they seem to be far ahead in that respect, and if ultra-civilized dames take to wearing head-dresses of natural flowers they have taken the idea from the Queen of the Wilds. But it is a long time since we heard, "She wore a wreath of roses," and we are pleased to think she will soon be wearing one again.



Wreath of Palm and Cycas Leaves.
[Reproduced from Die Bindekunst.]

next season. Although we at all times advocate variety, nevertheless we consider it unwise for the small florist with limited space to go in for inferior flowers; only the best should be grown and they are generally those which are largest and of great substance. We seldom have time to bother with small flowers on a large job, and even if we had they do not repay the labor of arranging. Fill your grounds with flowers of the right sort, you can never know when you will want them, but when the time does come they are there for you.

Paeonies are by far the best decorative flowers we have in the market today. They are extra fine for almost any kind of work—church, house or funeral work—there is nothing to equal them. Put a cluster or vase of them anywhere and they speak for themselves. Wisterias are elegant, they are grand for fringe work or suspended over-head where their graceful racemes will show; they should have a background that will best show off the color and charm of the flowers.

Double Pyrethrum, especially the old white variety, Mont Blanc, is a good flower and keeps well. Many think it a chrysanthemum, and few flowers compare with it when arranged in large clusters. Climbing roses, such as Baltimore Belle, Queen of the Prairies, Crimson Rambler, or any of the free flowering and lasting kinds, are splendid material. You can make of their long vines of beauty the prettiest arbors, curtains and festoons. Twine a natural growth of Crimson Rambler or Queen of the Prairies round a white pillar, or loop it along a white panel or frieze; nothing can be finer. The best way to keep them fresh till you need them is to put them in a damp cellar or box. Persian lilac is good, inasmuch as it comes when the other is over and keeps better; 'tis fine too for decorating and should be put high up where they will not be disappointed by its lack of fragrance. Clematis, especially coccinea, flammula and Jackmanii, which are the earliest, give us grand flowering vines for mirrors or trellis work. If we

have them in pots we need not cut them, but what if we do occasionally have to cut such vines? If we put them to the best advantage they certainly repay us. The brilliant Oriental poppies give us the color we often need, and even if we merely put them in our window they are worth more attention than they get.

Many of the herbaceous spiraeas, such as *S. filipendula* fl. pl., *S. Aruncus* and *S. palmata* are good for vases or funeral work. Rhododendrons can be used in various effective forms; you need not cut the wood and spoil future growths, just break off the truss, wire them as they are on privet stems, or on wires and make garlands or wreaths of them. If you keep the colors in sections you can do fine work with them. *Digitalis gloxinoides*, both white and violet, are unexcelled as vase flowers. *Coreopsis* and *Anthemis tinctoria*, the hardy Golden Marguerite, are useful flowers, for yellow is either always fashionable or effective. We are still using *Iris germanica* to great advantage and instead of their own foliage we use *Eulalia gracillima*.

It is always advisable to have some variegation round us. Golden leaved syringa is good whilst young, *Cornus Spathul* and the variegated weigela, with the stock mentioned in last week's notes, are charming when used as described therein.

When you are making baskets of hardy garden flowers don't forget high handle effects are best. Garden flowers show their beauty to advantage when loosely arranged and the handle is half the basket. Of course with small flowers the handle is not so important.

Pretty table decorations can now be made with climbing roses, one color to a table. There should be no artificial fixings discernible, and slender, graceful arranging only is permissible. If there be a low gas fixture or candelabra over or on the table you can fix some briars to it; if there be none, then get a very tall, slender or a small vase filled with water (we advise either so long as they do not obstruct the view), arrange the branches to four corners if the table be square, if it be round two ways will do; the ends of the branches should uniformly loop and taper off on the cloth. Another effective design can be made like a semi-flat basket having two branches form the handle. When we use climbing rose branches for the table they are those most laden with flowers. Crimson Rambler is grand for this work, and where these roses are used no other flowers or greens are needed. The same can be used for corsage and coat flower.

IVERA.

IF YOU have not already done so, please send us an accurate list of those in the trade that receive their mail at your postoffice, and greatly oblige the publishers.

NEW YORK.

Memorial Day.

Of course there was a tremendous business done here on Memorial day, just the same in comparison as there was in any other city or town in the United States—yes, a great deal more so. But there's the rub; New York is always grumbling and growling because of dull business under all and every circumstance.

We are never satisfied here because we once upon a time supplied the rest of the United States with cut flowers, and we are so much behind the times as to think we should continue to do so. That's the secret of our troubles here. We hate to admit that Boston, Philadelphia, Chicago and Havana are not alone able to supply their own demands, but are able to ship elsewhere. Perhaps you will admit—in fact, you must do so by statistics—that New York is the greatest cut flower market in the world; that we have more cut flowers sent into our markets here than the three largest cities in Europe, or the five largest cities in America, put together; that we could at the present time supply North America with cut flowers; that, let people say what they will, there is no city on earth today where more cut flowers are used than in New York city. This we assert for one reason that we wish it to be understood that we are up to, yes, even beyond, other people in events like Memorial day. That we are not able to dispose of all the stock sent in is not our fault, and the reason is very apparent. We hate to be sending in bad reports of business all the time; there are not too many florists in New York, but there is too much of the same kind of stock grown. We again repeat that there was a tremendous business done here for Decoration day, but even so, its effect was not felt; several times the amount of business could be done before the market would be cleared.

Plants sold very well; in fact, the supply of good stock was very short, not alone in the city itself, but in the surrounding towns. Everyone wanted gardens and cemetery lots fixed for May 30, and the demand caught the market short.

Americanism displayed itself in every part and corner of New York state except in Buffalo—shame on Buffalo. Ye could well afford to leave off your kilts and red coats on May 30 and march with the boys in your suit of blue. Perhaps you're too near Canada to be healthy. The monuments to the heroes of the revolution and civil war were decorated more elaborately and with better judgment than they have been for years. The design adopted and placed on various monuments by the Sons of the Revolution was most effective. They were 36-inch crescent wreaths of galax leaves made well and compact, brown leaves on the outside and green on the inner;

the words "Sons of the Revolution" in yellow chenille were arranged on the bottom, broad ribbons of continental colors, "buff and blue," were tied together at the top and narrow part of the wreaths; one of these wreaths was placed on the Washington monument in Wall street, one on the Martyrs' monument in Old Trinity church yard, another on the Montgomery slab at St. Paul's, and on the statue of Nathan Hale, in City Hall park. G. A. R. posts took charge of the decoration of other monuments, and these were of varied degrees of excellence.

Millions of small plants were put out in the cemeteries surrounding the city, and everywhere the event assumed an air of significant remembrance. The Memorial day parade was the greatest seen in years. The young veterans of the Spanish war escorted the grey-haired vets of '61-'65, 75 per cent of whom wore small bunches of flowers in their coats. The floral designs carried in the procession, however, were insignificant as compared to the importance of the occasion; one of the posts wore small silk flags in their coats, and carried small Parisian white immortelle wreaths, tied with narrow white ribbon, in each left hand.

Coming Events.

June 10 the New York Gardeners' Society strawberry show and social good time at Terrace Gardens, 59th street and 3rd avenue, 7:30 p. m.

June 12, New York Florists' Club bowling section meets at the alleys, 57th street and 6th avenue, at 3:30 p. m. It is requested that all interested in the bowling section will attend, as this will be the last meeting of the season, and the team for Detroit will probably be selected at this meeting.

In the evening the last meeting of the season will be held by the New York Florists' Club, at 19 West 27th street. Convention and other matters will be discussed and all members are requested to attend.

June 14 and 15, the horticultural section of the American Institute will hold a flower, fruit and vegetable show at Berkely Lyceum, 44th street and 5th avenue.

Various Items.

It was reported that a meeting of the plant growers of New York would be held at 253 Centre street Monday evening last for the purpose of devising means to get the legislature to furnish a suitable market here for the sale of plants. Owing to some mistake the meeting was not held. It seems to be the general opinion here that sooner or later both the plant and cut flower markets will eventually be located in one building. If so, it will cause a small revolution in our business.

There was only a small attendance at the alleys last night, and as the majority were newspaper men, we are

naturally bashful in sending the scores. Don't forget we enjoyed ourselves, however, and we wish you were all with us. IVERA.

OMAHA, NEB.

A Successful Season.

The florists here report a wonderfully successful season. I have not heard a complaint and all the signs bespeak prosperity.

Mr. Wilcox, at Council Bluffs, contrary to my advice last fall, is putting up another large range of houses, some of them 200 feet long. There seems to be no end to the amount of work and unvarying success of which this "young giant of the west" is capable.

Mr. Stewart, the exhibition manager at the last convention, has done a larger business this spring than ever before during his many years in Omaha, especially in his seed business, which has doubled. His store was so full of customers Saturday he could hardly see me.

A. Donaghue, Jr., seems to be doing his usual "bon ton" trade, and Hess & Swoboda, at the old stand, evidence no diminution in their large cut flower business. Peterson Bros. and Louie Henderson have both moved into new quarters and have each doubled their receipts by the change. Miss Arnold, to whom so many eastern Beau Brummels lowered their colors at the convention, is as young and entertaining as ever and the amount of her cut flower trade is limited only by her physical ability to handle it. Delany and Paulson, Floth and Faulkner and Hass were all placed on "Easy street" by the last exposition, and the new one will feather their nests so that their trip to Paris in 1900 will be no dream but a well and worthily won reality.

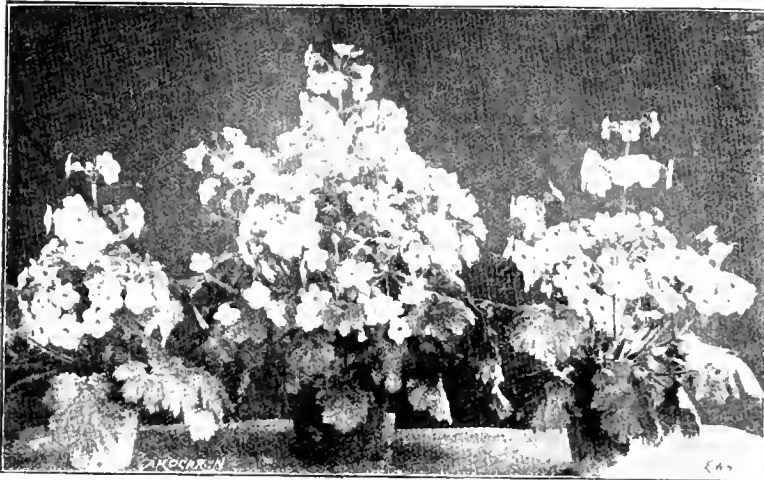
The New Exposition.

A pleasant interview with Landscape Gardener Ullrich and a walk over the familiar grounds of the old Trans-Miss. Exposition are among my pleasant memories of this visit to Omaha. The transformation from the scene of wreck and ruin that followed the close of the old exposition to the fairyland of the new is entrancing. Mr. Ullrich has again touched the landscape with "fairy fingers" and much to my surprise the coming show promises to exceed its predecessor in beauty and success. In addition to a wealth of vegetation, great designs of unique carpet bedding have been added to last year's horticultural displays, while the immense horticultural building is to be transformed into a vast summer garden with fountains playing under the great dome. Fruits and flowers will mingle in profusion and great palms from California and Hawaii will lift their lofty heads and add to the impressiveness of the decorations.

The entire responsibility of this exhibit is carried this season by Mr. Ullrich, and in fact the whole exposition is taken out of the hands of the states and is under wealthy local management. It did not seem possible, after such a success as last year's, with its half-million dollars' surplus, to repeat the enterprise and carry it to a financially satisfactory conclusion, but I begin to believe these western expansionists are capable of anything they undertake to do. "Schley days," "Dewey days," Cuban, Porto Rico, Ha-

PYRAMIDAL PRIMULAS.

The accompanying engraving, which we have reproduced from the English Gardeners' Chronicle, shows the pyramidal blooming Chinese primula Lady Emily Dyke, one of the newer developments of the pyramidalis type, a strain developed by H. Cannell & Sons. Instead of the usual compact truss, we have in this form an elegant, loosely branched pyramidal inflorescence, which satisfies the taste of many even more than the older forms.



Pyramidal Flowering Chinese Primulas.

waitian and Philippine exhibits, and all the drawing features of last year, however, will surely "do the business."

Bowling.

Omaha promises to send a strong team to the convention, including the majority of last year's members. Having been through the "smoke of battle" once, they expect to tackle the next fight with their nerves strung up to the proper tension. Last year they had an attack of "stage fright" and didn't do themselves justice. Saturday evening an impromptu game was enjoyed, as a compliment to the writer, and Mr. Wilcox, whom every florist knows, broke the local record with a high score of 233. This made amends for leaving Lis Council Bluffs store full of customers and journeying over on his "busy" night to the exposition city. On Monday evening the club will bowl and probably select its team for Detroit. I will not be surprised if Omaha and Lincoln send at least a dozen men to the convention. That projected "special train from Chicago" catches their fancy.

Mr. A. Donaghue, Sr., has returned from the coast after a delightful winter's outing there.

The game on Saturday evening resulted as follows:

	233	156	163	184
Wilcox	233	156	163	184
Shaw	138	154	176	156
Hadkinson	152	136	151	146
Henderson	167	...	...	167

AUSTIN.

CHICAGO.

The Market.

There is an excellent shipping demand and while there is an abundance of stock in the market it is still difficult to pick out enough roses of good shipping quality. The recent stretch of very hot weather has increased the cut but the average of quality has been seriously lowered. In roses there is an especially noticeable shortage of good shipping Meteors, Brides and Beauties. There is a great abundance of carnations but they go to sleep with frightful rapidity, sometimes even before they reach the wholesaler. Many rose houses are being cleared out for replanting. There is a large stock of paeonies in the market in spite of the damage to hardy plants last winter.

All are hoping for cooler weather which would help both business and the quality of stock. The number of shipping orders indicate that June business has opened in good shape outside, though locally trade is not what it should be.

Club Meeting.

At the last meeting of the Florists' Club President Sanders was instructed to present a suitable floral arrangement on behalf of the club to the nurserymen when their convention opens next Wednesday at the Chicago Beach Hotel.

Those present reported a satisfactory Decoration day trade but nothing specially new was brought out.

The next meeting will probably be the last for the summer and the special order of the evening will be a discussion of means of securing a good attendance from this city at the Detroit convention of the S. A. F. The street trade question will also be taken up.

Various Items.

Miss Therese Paasch, daughter of Christian Paasch, the Clybourn ave. florist, was married last Monday evening to Julius Szerlinsky, Jr. The ceremony took place in Schoenhofen's Hall, which had been very elaborately decorated for the occasion by Mr. Paasch, the display of palms being especially fine.

Mr. A. McAdams is progressing very satisfactorily and is expected to be able to attend to business again in a short time.

Bedding plants have sold well this spring and good 4-inch geraniums are already very scarce.

Dr. S. A. Wheeler, of the Wheeler Floral Co., Mason City, Ia., passed through the city last Tuesday on his way home from a convention of railway surgeons at Richmond, Va.

Bassett & Washburn will be western selling agents for the grand new crimson rose Liberty.

"Farewell, farewell, my own true love," is a refrain that reverberated along the line from Chicago to Omaha last Friday evening in company with Poet Laureate Shaw.

John C. Moninger Co., makers of cypress greenhouse material, are building a two-story brick addition 86x60 feet to their factory.

Bowling.

Following are the scores and averages made after the last club meeting:

	1st.	2nd.	Av.
C. Hunt	141	137	139
E. Winterson	118	137	127
W. Kreitling	139	116	127
C. McKellar	132	115	123
A. Lauge	131	115	123
J. A. Shaw	199	43	121
G. L. Grant	114	122	118
Jno. Degnan	91	88	89

BOSTON.

The Market.

As predicted, Decoration day business was far in advance of anything on record, and was confined almost entirely to flowers from the inside. Prices ranged high, in fact, above the average price for the season. Everybody cut everything in sight, and the result was that from Monday to Thursday there was an actual scarcity of all kinds of stock, and what there was easily brought mid-winter prices. But Friday and Saturday wrought an awful change; it seemed as if everybody was in; almost looked like another holiday rush. The re-

sult was that prices soon took a tumble. The fact that it was mid-summer was brought very vividly to the notice of the growers, and it was another case of get all you can.

Roses, especially Brides and Maids, are now running very poor, small and mildewed, and are selling from 50 cents to \$6 per 100; Kaisersins of good quality, from 4 to 8 cents; Meteors, from 2 to 6 cents; Beauties, from \$2 per 100 to \$2 per dozen. Carnations are almost unquotable. Sales were made on Saturday from 35 cents to \$2 per 100; 50 cents to \$1.50 is the asking figure for average stock, while higher grades will run as high as \$3 per 100; demand limited. Lilies not over plentiful; 75 cents to \$1 per dozen; spirea and stocks, \$2 and \$3 per 100; valley, from outside, \$1.50 and \$2 per 100. Trade quiet; prices very variable.

The Plant Trade.

As is always the case, the advent of Decoration day made a big boom in the plant trade, and quite a number of growers are now entirely cleaned out. It really looks as though the supply for the beach trade is apt to run short. Prices have averaged about as usual, but with a much better demand. At McCarthy's a good crowd is in attendance at every sale, and clean up everything at prices fully equal to those asked at the greenhouse.

The News.

This section of the country has not had a drop of rain since early April, and a great deal of apprehension is felt by growers as to the outcome. It will be a case of no rain, no flowers, or perpetual watering. Pink planting has been very seriously retarded.

Allen Pierce, of Waverly, is soon to become a Benedict, and will on June 15 take unto himself a wife. He has the hearty congratulations of the whole craft, who wish him a very happy journey through life.

The season of vacations is soon here and we hear of preparations being made to take a much needed rest. L. H. Foster, of Dorchester, with wife and daughter, contemplate a trip to Europe; Frank Houghton, of Houghton & Clark, is going to California; Ned McMulklin, of Galvin's, will summer at Scituate. P.

BUFFALO.

The Season.

The wilting weather of late has made flowers very plentiful, but quality keeps up. The carnations are as fine as in midwinter. I have in my eye just now a house of Scotts that stand up three feet above the bench and are green to the bottom, with buds and blossoms like a heavy crop of wheat when ready for the sickle. It seems to me worth mentioning here

that Flora Hill has been magnificent all winter, and in spite of the popularity of White Cloud, Flora is by no means eclipsed. Perhaps the faults that were apparent at first arose only from the usual cause, over and indiscriminate propagation. It is now perfectly healthy. That bugaboo, the rust, avoids it absolutely. It is vigorous, and the weakness of the stem near the flower has with us entirely disappeared. It has a graceful curve, which is better than such a rigid stem as that of Jubilee. All the petals now open regularly, and as we all know, it is of the largest, has the finest form and the right clove sweetness. And last but not most important, you get a fine lot of flowers in October and from then on, as good and healthy today as ever.

Evelina, which has been so disappointing as a winter flower, has given great quantities of flowers the past two months. Where there is a demand for short-stemmed flowers for designs, it will, I think, be found a very profitable variety.

Roses have dropped to bargain-counter prices, which must be expected, and we are having just now another ten-cent carnation day, just to help the growers out.

There are some very fine paeonies coming from Corfu, grand ones retailing at present at 75 cents a dozen. The trouble with them is they are so large that half a dozen go a long ways, and ladies who are so righteously inclined as to order two dozen, when they see them say, "Oh, my, they are so large I think half a dozen will be enough, thank you," and you grunt inwardly and smile outwardly.

Plant Trade.

The bedding plant business goes onward lively. If all people were unreasonable enough to think we could wait on them on June 1st we should have been cremated several days ago, but thanks to the dispenser of reason, some amiable souls will wait, so we live on, and in a week or two will have forgotten the fret and stew and vexation of crowding three months' work into three weeks. We shall start off with renewed vigor, for the demand for bedding plants has been grand, and it is not only bedding plants that people want, but there is a great increase in the demand for large palms, sweet bays, and specimen plants of all kinds to adorn the homes of the wealthy.

I don't consider we have as a community been a bit behind cities of our size in some styles of ornamental gardening. I venture to think we have been ahead of many cities, but there is much for all our cities to do, and the plant man is the man to do it. One of our millionaires remarked to me the other day, one who has one of the costliest houses and grounds: "It is time we did some gardening around our houses, such as you see in Europe, and a little of it at Newport." I re-

plied with the conventional "Yes, sir," with the accent on the "sir." "We can supply anything, and tell you how to care for it, trim your hedges, or lay out your grounds, but you must remember, sir, that in Newport and similar places you saw in Europe, they keep trained gardeners, not 'coachman-gardeners,' and much depends on that." This gentleman pondered silently a moment, said he was going to have some fine plants, and asked me if I smoked. I said "Yes, sir, I smoke." That's all.

This noticeable demand for better and costlier decorations is not a revival, because it never had an existence; it is an awakening, or rather a birth. In my humble opinion high-class ornamental gardening is in only a rudimentary state, and there is a bright future for bright men. The tree-peddler is fast drifting into shadow to join the lightning rod man and the sewing machine agent, who have for some time been in the hands of Charon on the hot water of the river Styx, where we hope all crape chasers will soon go to serve out ice water, where it will be much appreciated.

The Crack Shots.

According to my promise, I went down to see Messrs. Harris, Cartledge and Anderson on their return from Erie. You will no doubt have an account of their doings, but I cannot refrain from saying that they covered themselves with glory. Anderson and Harris both declared they were off, but as they won about everything in sight, none of them could be much off. As for Champion Cartledge, we glory in his skill. I don't believe that were he able to lift the Washington monument six feet from its base it would disturb his native modesty, but from the animation of young Mrs. Cartledge you could read the thought, "Isn't he a dandy!" I saw them step aboard the "Black Diamond" at 12:10 noon, and at 9 that night they would step out on to Market street, Philadelphia. That's traveling, gentlemen. I trust that the excitement of welcome, with necessary concomitants, etc., that would await their arrival, did not produce dyspepsia or worse. W. S.

ST. LOUIS.

Trade Conditions.

Decoration day trade was fully up to last year. There was a good demand for cut flowers and plants of the cheaper grades, but no outside stock was depended on. The commission men report a few large shipping orders. The past week was noted for general scarcity of select stock and many orders had to be filled from outside.

Quite a number of large orders for June weddings are booked for this week, which will use up a lot of first-class stock and some of the west end florists will have their hands full.

Red roses had a good call, but were scarce. This is something that is needed around here, and more red roses could be profitably grown in this vicinity for our summer use.

The Market.

The prices for the best Meteors, Brides, Jacques, Maids and Carnots are from \$4 to \$6; seconds bring \$2 and \$3; Beauties, fine long stems, are scarce at \$3 per dozen and only a few shorts are coming in, and sell at \$1 per dozen. Carnations are still fine and the price was \$2 last week, but today (Monday) they are down to \$1 for the best; a few selects bring \$1.50; valley is \$3 and \$4 and fine; peonies are all out; sweet peas 50 and 60 cents; cornflowers, 25 cents per 100; adiantums, 75 cents to \$1; smilax, \$12 to \$15.

Bedding stock sold well the past week. Coleus and other variegated plants are running very low and work in this line is about over.

Notes.

Fred Ostertag is now in the employ of the Michel Plant and Bulb Co., at Magnolia and Tower Grove avenues. It is rumored that they will open a retail store in the west end this fall with Fred as their manager.

Beyer Bros. had a very large wedding Tuesday. The decorations were fine and elaborate and reflected great credit on the boys. The wedding was considered one of the largest ever held in the south end. The boys will soon start remodeling their old houses, which will keep them very busy all summer.

"Billy" Pape was reappointed assistant park commissioner. Mr. Pape has held this position for the past four years, giving entire satisfaction.

Last week one of our downtown florists received an order for a floral design from some young men to be sent to a friend of theirs. They decided on a large anchor. On delivering it the father of the deceased (who works as an excavating hand), said: "And who sent him the pick?" The boy told him the card would explain all, not knowing what he meant.

Fred Ammann, of Edwardsville, Ill., will build two new houses this summer for roses and carnations. Fred's stock is always looked for at Kuehn's and is classed among the best.

Yesterday (Sunday) was the first Sunday opening of Shaw's Garden this year, and the largest crowd in the history of the garden was present. Everything is in fine shape and the people were well pleased with their visit.

Bowling.

The hot weather on Monday night kept many of the bowlers at home. Only six members rolled, Kuehn and Sanders being the only ones rolling in championship form. F. W. Weber joined the club and rolled his first game. Your correspondent, who is

one of the regulars, was sick and not able to roll. The scores were as follows:

	1	2	3	4	5	Tot.	Av.
C. A. Kuehn.....	155	156	150	156	136	753	151
C. C. Sanders....	165	131	149	137	169	749	150
John Young.....	...	138	103	119	149	569	114
J. W. Kunz.....	111	131	100	170	120	632	127
F. J. Fillmore....	125	111	88	106	124	554	111
F. W. Weber....	75	64	97	91	100	427	85

J. J. B.

ST. PAUL, MINN.

Trade Conditions.

Trade during the month of May was excellent. Owing to the backward season but few outdoor flowers have appeared, consequently there has been a good demand for green house stock.

Memorial day trade was the largest on record, and the supply of flowers was wholly inadequate to the demand. Large quantities of stock were shipped in from the east, but Monday night found all stock gone and a number of orders unfilled. Roses, carnations, valleys, sweet peas and gladioli were in demand in the order given. Snowballs were called into use somewhat, also lilacs, but the crop seems light this year. Some gardenias from Texas were also received, of fair quality and heavily perfumed.

Retail prices were \$1.50 per dozen for roses; 50 to 75 cents for carnations; 50 to 75 cents for gardenias.

School commencements are now in order and the demand for flowers continues unabated. Shipping trade was never better. As June weddings were once quite a potent factor in the trade and as quite a number are announced for the near future we trust the good old times so prevalent throughout the country may be revived in the florist trade.

The plant trade has been excellent. Window boxes, lawn beds, vases and cemetery work to be attended to before May 30th have kept everyone on the jump. Geraniums are still the favorites for bedding out. There has been a good demand for pansies also, as well as marguerites, coleus, cannas, etc.

Notes.

The removal of the old market has been somewhat detrimental to several of the florists who sold plants there in the spring. Prices have been better, however, probably because competition was not so keen.

One of the largest stores recently had a sale of a basket containing 12 plants for 50 cents. The plants consisted of a dozen assorted plants, large and small, worth \$1 at retail. As an advertising medium it was a great success.

Bedding out is well along and another week will see it practically completed. At Como Park work is progressing rapidly and fancy bedding predominates. One very practical and sensible improvement noted this year is the labeling with plain board labels of the hardy shrubs and plants, the botanical and common names being

given in each instance. As the shrubs come into bloom the citizens can note their beauty and select for their own planting such varieties as suit the individual taste. In this way the park becomes instructive as well as recreative.

Wm. Buckendorf, one of the pioneer florists of Minneapolis, died from an apoplectic stroke a few days since, aged 66. His son, Fred Buckendorf, was recently killed in the Philippines.

Christ Hansen has his new rose house completed and planted for summer blooming.

Carlsen & Lauritsen are building a small addition to their houses at Como Park.

From present indications there will be a good sized delegation to go to Detroit. X. Y. Z.

WASHINGTON.

The hot days bring lots of poor stuff, especially roses; good ones are hard to get and fetch 4 and 6 cents. Sweet peas are now a drug and can be bought for \$1 and \$1.50 per 1,000. Taking it all around, Decoration day business was good; stuff plentiful and prices 25 per cent better than last year.

Young stock about the city is looking fine and several of the florists are planting out for next season. Our visitor this week was Mr. B. Eschner, representing M. Rice & Co., of Philadelphia, Pa. F. H. KRAMER.

MINNEAPOLIS, MINN.

William Buckendorf, the veteran florist, died May 29, as the result of a stroke of paralysis. He was born in Germany in 1833 and came to this city as early as 1857. In 1863 he established himself in business as a florist and was the pioneer florist of this city.

His death was undoubtedly hastened by recent financial troubles, coupled with the death of his son while serving in the army at Manila.

STORING VEGETABLES.

Mr. L. A. Budlong, Bowmanville, Ill., is a market gardener on a large scale, having nearly 500 acres of land in vegetable crops. But the most interesting thing in connection with his large business is his system of storing his crops till they can be disposed of to best advantage.

For winter storage he has three enormous one story buildings, each covering several acres of ground. The walls are of brick and the roof is ceiled inside. In each is a large hot water boiler and a single run of 4-inch pipe around the walls and another run through the center of the building, giving sufficient heat to keep out frost in the coldest weather. And the buildings are so well constructed that heat is necessary only during very severe weather. From these store houses vegetables are marketed all winter

long. Among the items carried are thousands of bushels of onion sets.

This is all that seems necessary for winter storage, but in spring and summer something else is needed. The case has been met by Mr. Budlong by the erection of a cold storage plant, and as spring approaches anything that it is desirable to still keep in condition is moved to his cold storage house. A big crop of spinach that found a loaded market last fall was successfully carried through and marketed late in winter and in early spring before the first out door spinach came into the market.

It seems a decidedly novel feature to have a cold-storage plant as a part of a market gardening business. It must certainly mean a very considerable expense as the cold storage machinery must be kept running day and night.

"SUBSCRIBER."—Kindly bear in mind that the real name and address must accompany all communications to insure attention.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—By a first class florist, 15 years' experience in growing ferns, palms, carnations, roses and general stock; also a first class decorator, designer and salesman. Address B. C., care of Florists' Review.

WANTED—Good man to grow roses, carnations and general stock; must understand care of hot-beds; single man preferred; permanent place. Wheeler Floral Co., Mason City, Ia.

FOR SALE—Two second-hand upright Hitchings boilers in good condition. Address E. Blum, Joliet, Ill.

FOR SALE OR RENT—Four greenhouses and dwelling; good retail stand, A. Claus, Springfield, Ill.

WANTED—Young lady florist for retail store; references required. Address Retail, Box 775, Milwaukee, Wis.

FOR RENT—16,000 feet of glass within 12 miles of Chicago court house; fairly good condition; some houses new; new boiler; long lease. Or, will rent on shares. Address C. N., care Florists' Review.

SITUATION WANTED—An up-to-date cut-flower artist, designer and decorator, second to none and a good salesman, now with one of the best firms in the country, wants to make a change—best of reference. For full particulars, address E. V. O., care of Florists' Review.

WANTED—Position as grower and foreman on some large up to date place, to grow general cut flowers; have given the best of satisfaction in similar positions; up to date with roses, carnations, violets, mums, etc. Address Grower, 1050 Gilbert St., Grand Rapids, Mich.

WANTED. A first class man to grow tea roses, must be No. 1 in every respect. Steady employment and good wages paid. Bassett & Washburn, Hinsdale, Ill.

BUSINESS OPPORTUNITY. A rare opportunity is open to a hustling business man with some capital to get into a well established and profitable business. A chance of a life-time. Those meaning business may obtain particulars by addressing

ROX, care of Florists' Review.

WANTED. CANNA STAR 91, TRUE Stock.
H. A. CATLIN, Florist,
WHITE SULPHUR SPRINGS, W. Va.

GREEN-HOUSE CONSTRUCTION.

This has been a specialty with us for many years and to us is due the credit for many of the great improvements that have been made in the construction of wooden green-houses. To those that buy our

Clear Cypress Building Material

we furnish, free of cost, complete detail drawings from which any intelligent workman can put up the material correctly. We have plenty of time to write letters ABOUT OUR BUSINESS, and we will be glad to hear from those contemplating building.

Write for Circulars
or Estimates.

LOCKLAND LUMBER Co.

LOCKLAND, OHIO.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES:

We have the
LARGEST WHOLESALE
House in Chicago.

Orchids, High-Grade Roses,
Carnations and Violets.

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

M. RICE & CO.

NEW ILLUSTRATED CATALOGUE
FOR THE ASKING.

Exclusive Importers and
Manufacturers of

Florists' Supplies

25 N. Fourth Street, PHILADELPHIA, PA.

Mention The Review when you write.

1899

CONTRACTS

1899

Now I am open to quote prices on all Bulbs, Plants and Roots for next season. Send in your list of wants for quotations.

F. W. O. SCHMITZ, JERSEY CITY, N. J.

Mention The Review when you write.

WANTED....

EXPERIENCED
TRAVELING SALESMEN

for wholesale garden seed house; those acquainted with Southern or Western trade preferred; liberal salary to competent men. Address P. O. Box 1594, Philadelphia:

ORCHIDS....

Just received in fine condition.

CATTELYA LABIATA, C. Dowiana, C. Skinnerii, C. Granulosa, Laelia anceps, L. a. alba and L. autumnalis; also Cattleya Mossie and C. speciosissima, all direct from the Tropics.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

Mention The Review when you write.

SEED COMPANY LITIGATION.

The litigation arising out of the failure of the Sioux City Nursery and Seed Company has, after the lapse of three years, been finally settled by the supreme court of the state, which has just rendered a decision substantially affirming the decision of Judge Gaynor, of the district court. After the failure a number of the heaviest secured creditors, representing claims amounting to about \$51,000, had a receiver appointed to administer the estate first for their benefit and second for the payment of the unsecured creditors if the assets were sufficient, which arrangement was recognized by the court. Subsequently other creditors, with claims amounting to about \$20,000, intervened, alleging a conspiracy for the secured creditors, and that the proceedings amounted to a general assignment for the benefit of creditors, with preference for themselves, which made the action void. There were also other unsecured creditors not represented in the litigation, whose claims amounted to about \$15,000. Judge Gaynor decided in favor of the attaching creditors, and the estate was administered in their behalf, realizing \$1,537.22 more than enough to satisfy their claims, which the supreme court directs shall be distributed to the creditors generally.

The general ground on which the petition of the appealing creditors was denied was, first, that all the proceedings taken by the other creditors were legal and valid and without fraud, and that the unsecured creditors having obtained no judgment against the seed company, nor any liens of any kind on the property in controversy, were not in a legal position to complain of the rights which had been secured by more fortunate and diligent creditors, nor to ask the court to disturb such rights.—Sioux City (Ia.) Journal, May 31.

PLEASE SEND US a correct list of the names and addresses of the florists who receive their mail at your postoffice and thereby oblige.

We Must Have Room

To make room for Rose stocks.

10,000 DOUBLE FRINGED PETUNIAS, Dreer's latest set, the finest to be had, strong, bushy plants, in bud and bloom, 2 and 2½-inch, at \$1.00 and \$1.50 per 100.

5,000 MAMMOTH VERBENAS, Our challenge collection, nothing finer, strong, 2-in., \$1.50 per 100.

5,000 COLETS, a very choice collection, 2 and 2½-inch, at \$1.00 and \$1.50 per 100. Heliotrope, Ageratum (White and Blue), Giant Alyssum, New Golden Marguerite, 2 and 2½-in., at \$1.00 and \$1.50 per 100; 3 and 4-inch, \$2.00 and \$4.00 per 100.

GERANIUMS, Strong, 2-inch, at \$2.00 per 100.

ROSES, The finest plants in the market. Brides, Meteors, Maids and Perles, \$3.00 per 100; Beauties, \$5.00 per 100.

CIT CARNATIONS, long stems, all colors, \$1.00 per 100.

NASTURTIUMS, Fancy new varieties, dwarf and climbing, \$1.50 per 100.

Terms strictly cash with order. Send for list.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

Mention The Review when you write.



REGULAR SHIPPING ORDERS RECEIVE SPECIAL ATTENTION.

WIETOR BROS.

Wholesale Growers of

CUT FLOWERS, 51 Wabash Ave. CHICAGO.

WHOLESALE PRICE LIST.

American Beauty, extra long stem, per doz.	\$3.00	Meteor.....	per 100, \$3.00 to \$4.00
" 24-inch stem	2.50	Bridesmaid.....	" 3.00 to 4.00
" 20 "	2.00	Bride.....	" 3.00 to 4.00
" 15 "	1.50	Perle.....	" 3.00 to 4.00
" 12 "	1.25	Carnations.....	" 1.00 to 1.50
" 8 "	1.00	" fancy.....	" 2.00 to 3.00

Mention The Review when you write.

Some Things YOU WANT.

ASTERS, Comet, White, Pink, Carmine, 2-inch, per 100 \$1.00

VERBENAS, mixed, 2-in., per 100, 2.00

WHITE AGERATUM, 3½-inch, strong, per 100..... \$3.00

CASH PLEASE.

EDWARD B. JACKSON, STAMFORD, CONN.

Mention The Review when you write.

Roses and Chrysanthemums

Extra fine, clean stock, guaranteed to please, 3-inch Brides and Maids, \$4.00; \$35.00 per 1000. 2½-in. Meteors, \$3.00 per 100; \$25 per 1000.

Leading 'Mums: Yellow—Bonnaffon, Modesto, Johnson, Jones, Golden Trophy, Emil Buettner, Sunderbruch, Kieinan, Maud Adams, W. H. Lincoln, Yellow Queen, Golden Wedding, Henderson, Pink—Perrin, Ivory, Jones, Vivian-Morel, Murdock, Glory of the Pacific, Marquis de Montmort, White—Mayflower, Geo. S. Kalb, Ivory, Robinson, Jones, Iron Woodford, Gretchen Buettner, Schrimpton, Lottie Berry, Minnie Wanamaker, Fitzwygram, Bergmann, Red—Mrs. J. H. Weeks, Defender. 2½-in., \$2.50 per 100; \$20.00 per 1000.

POEHLMANN BROS., MORTON GROVE, ILL.

Mention The Review when you write

SMILAX!

40,000

Plants from Pots, \$1.50 per 100.

SEND FOR SAMPLE.

ALBERT M. HERR LANCASTER, PA.

Mention The Review when you write.

Vegetable Plants.

CELERY, White Plume, Golden Self-Blanching New Rose and other varieties, strong plants, 15c per 100; \$1.00 per 1000. If by mail, add 10c per 100.

CABBAGE, H. Succession, Early Summer, Flat Dutch, Drumhead Savoy and other varieties, strong held plants, 15c per 100; \$1.00 a 1000; \$8.50 a 10,000. If by mail, add 10c per 100.

TOMATO, EGG and PEPPER in variety. Send for price list.

Chrysanthemums in good var., from 2½-in. pots, \$2.00 per 100. Cash with order.

R. VINCENT, JR. & SON, White Marsh, Md.

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PEACOCK'S New Dahlias

For 1899—Best New Varieties. Best Old Varieties.

Send for our New Illustrated Trade List before ordering elsewhere.

Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequalled record.

Best New and Standard Carnations—

Beautifully illustrated and accurately described in our Trade List. Send for copy.

Surplus Stock of Mixed Dahlias—

At right price. Also Dahlias under color. Correspondence Solicited.

W. P. PEACOCK, - Ateo, N. J.

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Palms and Ferns

The Largest Stock of Plants in the West.

Send us your name and we will keep you posted when we have anything special to offer.

GEO. WITTBOLD, N. Halsted St. CHICAGO.

Mention The Review when you write.

E. H. HUNT
 THE "OLD RELIABLE" FOR
Wholesale
Cut Flowers
 Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.

COUNCIL BLUFFS, IA.

The Schley banquet at Council Bluffs was a grand affair last week. The floral decorations were by Wilcox and the Admiral was loud in his approbation.

The crowning piece was a full rigged battleship, over 5 1/2 feet in length, in which thousands of white carnations, dark pansies and roses were used. So delighted was Admiral Schley that the ship was taken along to Denver and displayed there, and accompanied the party of distinguished visitors to the top of Pike's Peak and was left on its highest point to commemorate the coming of the popular hero of Santiago. **AUSTIN.**

CATALOGUES RECEIVED.

Ellis & Pollworth, Milwaukee, Wis., wholesale cut flower price list; Schlegel & Pottler, 26 South Market street, Boston, Mass., wholesale trade list of bulbs, fertilizers, tobacco dust, etc.; E. G. Bungar, Independence, Mo., plants and rooted cuttings; E. H. Hunt, 76 Wabash avenue, Chicago, wholesale price list of cut flowers; John Peed & Sons, London, S. E. England, caladium plants and bulbs; Mrs. W. S. Veck, San Angelo, Tex., wholesale plant list; Peter Barr & Sons, 12 and 13 King street, Covent Garden, London, England, hardy perennials, bulbs, seeds, etc.

CHRYSANTHEMUM SCALE.

The French National Chrysanthemum Society has adopted the following scale of points for judging new chrysanthemums: Color, 40; size, 20; form, 10; fullness, 10; habit and foliage, 20; total, 100 points. Varieties obtaining from 90 to 100 points receive first class certificates; from 80 to 90 points, second class certificates; and from 75 to 80 points, "recommendations."

OZONE FOR INSECTS.

An English inventor proposes to do away with insect pests by an electrical apparatus that produces ozone. It is said that the machine gives off ozone in great abundance and that it is destructive to every form of insect life.

REINBERG BROS. Wholesale Growers of **Cut Flowers**

600,000 FEET OF GLASS. No charge for packing.

Wholesale Price List.

AMERICAN BEAUTY			
Extra long stem	per doz.	\$3.00	
24-inch stem	"	2.50	
20	"	2.00	
15	"	1.50	
12	"	1.25	
8	"	1.00	
METEOR per 100, 3.00 to 4.00			
BRIDESMAID " 3.00 to 4.00			
IRIDE " 3.00 to 4.00			
PERLE " 3.00 to 4.00			
CARNATIONS " 1.00 to 1.50			
" fancy " 2.00 to 3.00			

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine
AMERICAN BEAUTIES.
51 Wabash Ave., CHICAGO
 Mention The Review when you write.

Quotations subject to change without notice. All other stock at lowest market prices.
 Mention The Review when you write.

Bassett & Washburn
 76 Wabash Ave., CHICAGO, ILL.
 Wholesale Growers of and Dealers in **CUT FLOWERS**
 Greenhouses at Hinsdale, Ill.
 Mention the Review when you write.

C. A. KUEHN WHOLESALE FLORIST
 Cut Flowers and Florists' Supplies.
 Manufacturer of the Patent Wire Champ Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
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Luich WHOLESALE FLORIST.
 19-21 E. RANDOLPH ST. CHICAGO
 Our prices are as low as any and our stock superior. We ask for a trial order.
 Mention The Review when you write.

H. G. BERNING,
 (Successor to St. Louis Cut Flower Co.)
WHOLESALE FLORIST,
 1322 Pine Street, ST. LOUIS, MO.
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A. L. RANDALL Wholesale Florist
 Telephone 1496
 4 Washington St., Chicago.
 In our new and enlarged quarters we are better prepared than ever to handle your orders.
 Mention The Review when you write.

ELLISON & TESSON,
 WHOLESALE SHIPPING
FLORISTS
 3134 Olive Street, ST. LOUIS, MO.
 ...Home Grown Stock...
 Mention The Review when you write.

BENTHEY & CO.
 F. F. BENTHEY, Mgr.
 WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St., CHICAGO.
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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
 Growers of **CUT FLOWERS** at Wholesale.
 Regular shipping orders given special attention. We have the largest plant west of Chicago.
 Store: 906 Grand Ave., KANSAS CITY, MO.
 Greenhouses; Pleasant Hill, Mo.
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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
 37-39 Randolph St., CHICAGO, ILL.
 Mention The Review when you write.

Cincinnati Cut Flower Co.
 W. A. MANN FRANK W. BALL.
 416 Walnut St. Wholesale Florists
 CINCINNATI, O.
 Consignments Solicited. Special Attention Given to Shipping Orders.
 Mention The Review when you write.

This Year's Customers Must be Ours Next Year.

"If they have not got it, you are sure it is not to be had."

FLINT KENNICOTT,
President.

Hon. ROBT. REDFIELD,
Vice-President.

"If you are stuck and want anything, go to K. Bros. Co."

What
Chicago
Florists Talk About
KENNICOTT BROS. CO.
CHICAGO,
ILL.

G. H. PIESER,
Secretary.

ED. E. PIESER,
Treasurer.

PEONIES

Received Daily--White and Pink.

We will have plenty for all until July 4th.

SAMUEL S. PENNOCK, Wholesale Florist

OPEN DAY AND NIGHT—From 12 A. M. Mondays to 10 P. M., Saturdays.

A constant supply of **SELECT VALLEY** the year round. **AMERICAN BEAUTIES OUR SPECIALTY.** 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention the Review when you write.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 705 Penn Avenue, PITTSBURG, PA. Write for Price List.

Mention The Review when you write.

PHILADELPHIA.

The retail stores report a comparatively dull week; had it not been for Memorial day there would have been practically nothing doing. There was considerable out-door grown flowers used, such as deutzia, mock orange, wiegelia and German iris in decorating the graves of the dead heroes.

Among the visitors in town during the past week we noticed Marshal Clark, of the firm of David Clark's Sons, New York city; H. W. Buckbee, of Rockford, Ill., and J. A. Fonta, Superintendent of Audubon Park, New Orleans. Mr. Fonta contemplates a trip to France shortly. Mr. Barker, editor of American Florist, was also a recent visitor.

John Cook, of Beverly, N. J., had quite an elaborate wedding decoration last week. This was looked upon by Mr. Cook as quite an innovation, he says that such an event seldom comes his way.

The University of Pennsylvania will build two greenhouses, each 26x58 feet, at the Botanical Gardens, north side of Pine street, between thirty-seventh and thirty-eighth streets, at a cost of \$860.

NURSERYMEN'S CONVENTION.

The twenty-fourth annual meeting of the American Association of Nurserymen will be held next Wednesday and Thursday, June 14 and 15, at the Chicago Beach Hotel, Chicago.

The program includes the following papers: "Our Insect Friends," by Prof. S. J. Hunter, State University of Kansas; "The Real Attitude of Our State Board of Horticulture," by S. M. Emery, Bozeman, Mont.; "The Nursery Business in the South," by N. W. Hale, Knoxville, Tenn.; "The Injury to Nursery Stock Last Winter and How it Happened," by C. L. Watrous, Des Moines, Ia.; "Effect of Cold Weather on Nursery Stock and How to Protect It," by N. H. Albaugh, Tadmor, O.

SPRINGFIELD, MASS.—Mt. Holyoke College has received a gift of \$10,000 from James Talcott, of New York, to complete the plans for botanical gardens and conservatories.

ROSES, Carnations, VALLEY FERN, GALAX, and IVY LEAVES, and all kinds of Seasonable Flowers in Stock.

Consignments of good stock solicited.



We get daily new customers because we have the reputation that all orders are punctually filled.

Long Distance Telephone 2985.

WM. F. KASTING & CO., F. STOKES, Manager.

Wholesale Florists. 444 Sixth Ave.

All kinds of FLORISTS' SUPPLIES and WIRE DESIGNS on hand.

Mention The Review when you write.

Galax Leaves...

For Summer Use in Cold Storage. Write the Introducer.

HARLAN P. KELSEY, 1106 Tremont Bldg., - BOSTON, MASS. Mention The Review when you write.

We have 1000 SMILAX,

Stocky, fine plants, from 2 to 2 1/4-inch pots, at \$1.50 per 100; 100 Austria Cannas from 4-inch pots, at \$5.00 per 100; a lot of mixed varieties at \$3.00 per 100, good plants, from 3 and 4-inch pots. Cash with order, please.

O. L. BAIRD, DIXON, ILL.

Mention The Review when you write.

Cut Flower Exchange,

404 - 412 East 34th St., New York.

NEAR THE FERRY. Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

Long's "Handy" Order Sheets

The practical leaders to correct order taking in hurried hours. Single sample free.

Pad of 100 sheets, mailed for 24 cents in stamps. Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.

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Mention The Florists' Review when writing advertisers.

GIVE US A TRIAL. WE CAN PLEASE YOU.



Roses, Carnations and all kinds of Seasonable Flowers in stock.

WM. F. KASTING, Wholesale Commission Florist. 481 Washington St., BUFFALO, N. Y. Also Dealer in Florists' Supplies and Wire Designs.

Mention The Review when you write.

WM. J. BAKER,

WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.

Original Headquarters for CARNATIONS.

Mention The Review when you write.

EDWARD REID,

Wholesale Florist, LONG DISTANCE PHONE.

1526 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

Pandanus Veitchii Clean Stock, Pedestal Grown.

6-in. pots, \$1.00 each; \$12.00 a dozen. Also larger sizes. Send list of sizes required and get rates. Also a few white leaved plants at half price, for decorative effects or cutting up.

JOHN WELSH YOUNG, - Germantown, Pa.

Upsal Station, Penn. R. R.

Mention The Review when you write.

Rose Hill Nurseries.

Palms, Orchids, Roses, Ferns AND FOLIAGE PLANTS.

Largest stock in America.

SIEBRECHT & SON,

New Rochelle, N. Y.

Mention The Review when you write.

Subscribers

Are reminded that they will materially advance the interests of their paper by buying supplies of the advertisers in the . . .

Always MENTION the name of the paper when sending inquiries or orders. **Florists' Review**

Always mention the Florists' Review when writing advertisers.

Hot-Bed Sash.

Tenons white-leaded. Corners secured with iron dowel pins. Every detail of construction perfect. Made of Clear Cypress Lumber.

Quick Shipments.

We have in stock and can ship immediately:

- 3 ft. x 6 ft., 3 rows 10 in. glass.
- 3 ft. 3 in. x 6 ft., 4 " 8 in. "
- 4 ft. x 6 ft., 5 " 8 in. "

Not glazed, 1 3/4 in. thick.

Delivered Prices

Quoted on application. State size and quantity wanted. No order too small to receive careful attention, and none too large for our facilities.

LOCKLAND LUMBER CO.,
Lockland, Ohio.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS

The most serviceable and popular Decorative Plant extant. Has supplanted Adiantum for cut flower work on account of the lasting quality and gracefulness of the fronds. True transplanted seedling plants, now ready, \$3 per 100; \$25 per 1000. 500 at one thousand rates. Cash with order from unknown correspondents.

R. ASMUS, - - - New Durham, N. J.

Mention The Review when you write.

EXTRA FINE LOT

Bostoniensis Ferns!

Ready for 5-inch pots.

Write **GEO. A. KUHLE, Pekin, Ill.**

Wholesale Roses and Carnations.

Mention The Review when you write.

See Our Prize Advertisement

In previous issues. Two samples Seedling Carnation Plants sent free by mail on receipt of 10c. Send for circular. See our other advertisements.

American Rose Company,
Washington, D. C.

Mention The Review when you write.

Always Mention the...

Florists' Review

When Writing Advertisers.



51 Wabash Avenue,

W. S. HEFFRON, Mgr.

CHICAGO.

PRICE LIST--Taking Effect June 8.

ROSES.

Beauties, long, per doz.....	\$2.50—\$3.00	
" medium, "	1.50—2.00	
" short, " .....	.75—1.25	
		Per 100
Meteors, Maids, Brides, Kaisersins.....	\$3.00—\$5.00	
Perles,	2.00—4.00	
Roses, seconds.....	3.00—	

CARNATIONS

ARE OUR SPECIALTY.

Fancy Varieties, fancily grown.....	\$2.00—	Per 100
Ordinary Varieties, fancily grown.....	1.00—\$1.50	

Miscellaneous.

Marguerites.....	Per 100, \$.50
Forget-me-not.....	" " 1.00
Callas.....	Per doz, 1.25
Harrisii, per 100, \$10.00.....	" " 1.25
Valley.....	Per 100, 4.00
Pansies.....	.50
Paeonies.....	Per 100, \$3.00—5.00

Mention the Review when you write.

Decorative.

ASPARAGUS.

Per string..... \$.50

FERNS.

Per 100, 35c..... per 1000, 3.00
Maiden Hair..... per 100, 1.00

GALAX.

Bronze and Green, per 100, 15 cents; per 1000, \$1.25

SMILAX.

Common..... per doz., \$1.50—2.00

All other flowers in season.

Above quotations are subject to change without notice. P. and D. at cost.

Extra select and inferior qualities charged for according to value.

Regardless of prices quoted all stock will be billed at lowest market rates.

Store open from 7:00 A. M., until 6:30 P. M. Sundays and Holidays closed at noon.

1840 Old Colony Nurseries, 1899

HARDY SHRUBS, TREES, VINES, EVERGREENS and PERENNIALS.

A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap.

Trade list free on application.

T. R. WATSON, Plymouth, Mass.

Mention the Review when you write.

FOR SALE.

6,000 strong plants of Marie Louise Violets, ready to plant in the greenhouse or field.

They are clean and free from disease. I took them up the first week in March, they were fine runners at that time and are now nice little plants. I offer them for \$8.00 per 1000. Also, I have 4000 Rooted Runners left at \$5.00 per 1000. Send at once. Cash with order. **CHRISTIAN LAWITZEN, Box 262, Bluebeck-on-Hudson, New York.**

Mention The Review when you write.

Asparagus Plumosus

Strings 10 feet long. Shipped to any part of the country.

Nanus

W. H. ELLIOTT,
BRIGHTON, MASS.

Mention The Review when you write.

ANTON SCHULTHEIS, P. O. Box 78... College Point, Queens Borough, N. Y.

HEADQUARTERS FOR **PALMS and Decorative Plants in Quantity**

Come, see and convince yourself **Ericas (Heather), also Full Line of Other Flowering Plants** Price List on Application.

Mention The Review when you write.

DETROIT.

Everything is progressing finely for the convention of the S. A. F. now the executive committee has granted the local club permission to use the larger hall of the Harmonie Society for the trade exhibit, which was made necessary by the great number of applications for space coming in, and it was made apparent that the trade exhibit of the meeting of 1899 was to be the banner one in the history of the society. Supt. Rackham mailed over 200 circulars on May 26th and received 23 applications for space before June 3d, besides inquiries before sending out circulars. And it is not to be wondered at, for "The Convention City" is central and easy of access from all directions and with its beautiful parks and the opportunities for enjoyment on Lake St. Clair and Detroit river we are sure that every florist who can secure the wherewithal to come will be here with his wife and daughter. Speaking of the convention, it is the desire of the local club that all details of the bowling and shooting contest be arranged as soon as possible, so that they may make all arrangements here, and to that end would suggest that John Wescott take the matter in charge and correspond with the different captains of the teams and also with our chairman of bowling, Mr. F. Holzgnagel, Highland Park, Mich., and with Frank Beard, Fort street, W., Detroit, in regard to the shoot. The committee on entertainment think they have a surprise in store for the visitors, but every one must be a member of the S. A. F. in order to take part in the enjoyment of the surprise. RAG.

DETROIT HOTELS.

Below is given a list of the hotels in Detroit, with capacity and rate of each:

Hotel.	Cap.	American Plan.	European Plan.
Cadillac	200	\$3.00-3.50	
Russell House	200	3.00-4.00	
Normandie	100	2.00-3.00	
Griswold (good)	100	2.00-3.00	
Oriental (good)	100		\$1.00-1.50
(Bath included).			
Metropole	50		1.00-1.50
Wayne	100	2.00-3.00	1.00-1.50

J. AUSTIN SHAW.

At the Convention of Nurserymen in Chicago, June 15th, J. Austin Shaw will represent Jackson & Perkins Co., C. W. Vredenberg & Co. and The National Florists' Board of Trade. Mr. Shaw is visiting his customers in Omaha and Denver this week, but will be in Chicago for some time after the 15th, and letters will reach him until further notice at 78 Wabash Avenue, Chicago.

Mr. Shaw has arranged with Bassett & Washburn, the western sales agents of the new rose "Liberty," to sell this great rose for them "on the road."

He has the western agency for fifteen of the best nursery and florist houses this season and reports an encouraging outlook.

LOOK THIS OVER!

	Per 100		Per 100
Golden Feverfew	2 1/2-in. flats, \$1.50	Iresines, 2 varieties	2 1/2-in. \$1.50
Lobelia	" " .50	Coleus, 10 best bedders	" " 1.50
		Smilax, strong	" " 1.50
Petunias, Dreeer's	2 1/2-in. 1.50	Sweet Alyssum, Little Gem	2 1/2-in. flats, .50
" French single	" " 1.50	Chrysanthemums, 6 good ones	2 1/2-in. flats, .50
Southern Thyme, white	" " 1.50	Heliotrope, mixed	" " 2.00
Geraniums, named	" " 1.50	Geranium, Happy Thought	" " 1.50
Fuchsias, mixed	" " 1.50	Marguerite, new yellow	" " 1.50
Alternanthera, 3 varieties	3 1/2-in. 4.00	Salvia Clara Bedman	" " 1.50
Asparagus Plumosus	2 1/2-in. 1.50	" Pelus	" " 1.50
Velvet Plant	" " 1.50	Pansy Plants, in bloom	" " 1.00
Begonias, 10 varieties	" " 1.50	" small, per 1000	\$1.00
" 10	3 1/2-in. 4.00	Chinese Primula Seed, trade pkt	50

THE MORRIS FLORAL CO., - - - MORRIS, ILL.
Mention The Review when you write.

Rose Plants...

We offer strong Rose Plants out of 2 1/2-inch pots, as follows:

All plants sold under the condition that if not entirely satisfactory they are to be returned at once. No orders for less than 100 of one variety accepted.

BRIDESMAID, BRIDE, METEOR,
\$3.00 per 100; \$25 per 1000.

REINBERG BROS., 51 Wabash Ave., CHICAGO.
Mention the Review when you write.

50,000 FIRST QUALITY FORCING ROSES. READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last seven years, first-class and perfectly healthy in every respect.

WOOTTON	LA FRANCE	AMERICAN BEAUTY	PRESIDENT CARNOT
METEOR, BRIDESMAID, PERLE, KAISERIN, GONTER, BELLE SIEBRECHT, 3 inch pots, \$2.00 per 100; 4 inch pots, \$3.00 per 100.		SUNSET, BON SILENE, MME. HOËTE, NIPHOTOS, KAISERIN, BRIDE, 3 1/2-inch pots, \$15.00 per 100.	MERMET, BRIDE, 3 1/2-inch pots, \$15.00 per 100.
GRAFTED ROSES, BRIDE, KAISERIN, PRESIDENT CARNOT, 3 1/2-inch pots, \$15.00 per 100.			

Mention The Review when you write.

GOLDEN GATE ROSE PLANTS
From soil ready for 3 1/2-inch pots. 12 plants, 50c; 25 plants, \$1.00; 50 plants, \$1.50. Special rates on large quantities. See our previous adv., also other advs. in this issue. Send for circular.

AMERICAN ROSE COMPANY, WASHINGTON, D. C.
Mention The Review when you write.

WHO WANTS THEM?

	Per 100
3,500 Bride Roses, 2 1/2-in. pots	\$2.50
3,700 Bridesmaid Roses, 2 1/2-in. pots	2.50
800 Smilax Plants, 2-in. pots	1.00

These are EXTRA FINE PLANTS. First come, first served. Remember a good thing don't last long.

CASH WITH ORDER.
MCDONALD & STEELE, CRAWFORDSVILLE, IND.
Mention The Review when you write.

The MOEDEL Extension Carnation Support.

Read what some of our best growers say concerning it. Cleveland Ohio, Jan. 16, 1899. Mr. Theron Parker. Dear Sir:—We have had your Model Carnation Support in use for some time now, and think it far superior to anything we have ever tried before. Yours very truly, ELLA GRANT WILSON. Other testimonials will appear weekly. Write for prices.

THE MODEL PLANT STAKE CO., 22 Morton Street, Brooklyn, N. Y.
Mention The Review when you write.

CARNATION Cuttings ALL SOLD.

Field-grown Stock for Fall Delivery.
F. DORNER & SONS CO., La Fayette, Ind.
Mention The Review when you write.

Brides, Maids, Meteors,

Strong, Clean Stock, ready for planting. 3-in., \$ 6 per 100, \$50 per 1000; 4-in., 10 " 90 " 500 at 1000 rate.

F. BURKI, Bellevue, Allegheny, Pa.
Mention The Review when you write.

BARGAINS..... To Clean up for Chrysanthemums.

Will close out balance of 2 and 2 1/2-inch stock, all in bloom, at \$1.50 and \$2.00 per 100. Coleus, Dusty Millers, Mme. Sallerai Geraniums } \$1.50 per 100

E. G. BUNYAR, Walnut Hill Greenhouses, Independence, Mo.
Mention the Review when you write.

Rooted Cuttings of Carnations ALL SOLD.

We are booking orders for Field Grown Plants.
GEO. HANCOCK & SON, Grand Haven, Mich.
Mention the Review when you write.

PITTSBURG.

The florists had no cause to complain of the trade for Memorial day. With perhaps no exception a larger volume of business has been done than for several years past. The only shortage noticeable was in roses and carnations; for these paeonies were largely substituted. The great surplus of paeonies more than made up for this shortage.

Arthur Langhans, who for some time has been connected with F. Britenbaugh & Bro., in the Allegheny market, will take charge of the florist establishment of Miss A. L. Wells, of Steubenville, Ohio. Miss Wells has decided to retire permanently from the business. She sold her sole interest to Langhans & Co. The new firm is composed of Herman Langhans, Sr., and Arthur Langhans. They carry with them the best wishes of the local trade.

John Marron, Esq., an eminent attorney of this city, addressed the Botanical Society of Western Pennsylvania last Thursday evening with a talk on "The Pleasures of Floriculture." Many plants were exhibited and the meeting was a very interesting one.

Bowling.

The following members of our bowling Club rolled this score June 1st:

	1	2	3	4	Tot.	Av.
E. C. Ludwig.....	156	146	163	143	618	155
Geo. Oesterle	143	144	190	131	608	152
Wm. Lauch	209	168	148	167	592	148
J. W. Ludwig	135	140	152	157	584	146
John Bader	127	140	116	134	517	129

T. P. LANGHANS.

SUBSCRIBERS are requested to mail us items of general trade interest at any time.

PLANT PROTECTOR



Patent Applied for.

Illustrated Pamphlet on Application.

DETROIT FLOWER POT M'F'Y,

490 Howard St., DETROIT, MICH.

Mention The Review when you write.

5000 BEGONIA REX and 5000 VINCA VAR.

POT PLANTS.

Abutilon Var, trailing, finest of all for baskets and vases, 2½-in., \$6.00; 3-in., \$10.00; 4-inch., \$15.00 per 100	GERANIUMS—Mrs. Pollock, 2½-in. \$4.00 per 100
Begonia Rex, 2-in. \$1.00; 3½-in., \$10.00 per 100	Mrs. Parker, " " " " 6.00 " "
" Louis Closson, \$4.00 and 6.00	Happy Thought, 2½-in. 6.00 " "
Fuchsia Trailing Queen, 2½-in. 4.00	Rose Scented, 2-in. 4.00 " "
Forget-me-not, winter flowering, 2½-in. 3.00	Silver Leaf, 2½-in. 4.00 " "
Cobea Scandens, extra strong, 3-in. 5.00	Freak of Nature, 2½-in. 6.00 " "
Impatiens Sultana, 2½-in. 3.00	Manettia bicolor, 3-in. 10.00
Maurandya Vine, 2½-in. 3.00	Asters, seedling " " " " .50 " "

VINCA VAR, extra long, 2½-in., \$2.50; 3-in., \$4.00; 3½-in., \$5.00; 4-in., \$10.00; 5-in., \$15.00 per 100

ROOTED CUTTINGS.

	Per 100		Per 100		Per 100
Alyssum giant, double.....	\$1.00	Geraniums, mixed.....	\$1.25	Geraniums, Pansy.....	\$4.00
Abutilon, trailing var.....	2.00	Mad. Sallerol.....	1.25	Violet M. Louise.....	.60
Ageratum, blue and white..	1.00	Silver Leaf.....	1.50	Vincas Var., per 1000.....	\$10.00
Anthemis, double yellow....	2.00	Rose Scented.....	1.50	Daisy Snow Crest.....	2.25
Begonia Rex.....	2.00	Mrs. Pollock.....	2.00	Impatiens Sultana.....	1.50
" Incarnata Gigantea 2.00		Freak of Nature.....	4.00	Lemon Verbena.....	1.50
" Vernon.....	1.00	Mrs. Parker.....	4.00	German Ivy.....	1.25
Coleus, mixed, per 1000.....	\$5.00	Happy Thought.....	3.00	Lobelia, blue.....	1.00
Fuchsias, assorted.....	1.50	Mars.....	3.00	Manettia bicolor.....	2.00
Cobea Scandens.....	1.50	Mad. Bruant.....	2.00	Lantana, assorted.....	1.50
Cuphea (Cigar).....	1.00	Ivy.....	1.50		

VIOLETS, Marie Louise, Clumps very large, per 100.....\$4.00

Terms Cash or C. O. D.

GREENE & UNDERHILL, Watertown, N. Y.

Mention The Review when you write.

Burpee's Seeds Grow

Crabb & Hunter, GRAND RAPIDS, MICH. VIOLET SPECIALISTS.

Last Call for rooted cuttings of Marie Louise, Farquhar and Lady Campbell, free from disease. All stock. Write for prices.

Bedding Geraniums from 4-in. pots, at \$6.00 per 100; fine plants. Mad. Sallerol, 3-in., \$3.00 per 100. Centaurea, \$2.50 per 100.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Mention the Review when you write.

REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of WIRE & DESIGNS and Dealers in

FLORISTS' & SUPPLIES

Mention The Review when you write.

NIKOTEEN

IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE

DOES NOT INJURE THE MOST SENSITIVE PLANTS - ENDORSED BY PROMINENT FLORISTS - USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT - 200 LBS. OF TOBACCO IN ONE PINT OF NIKOTEEN SOLD BY SEEDSMEN - CIRCULAR FREE - SKABCURA DIP CO. CHICAGO.

Kill AND SAVE THE BLOOMS Bugs! QUICKLY DOES IT.

Mention the Review when you write.

Live Sphagnum Moss

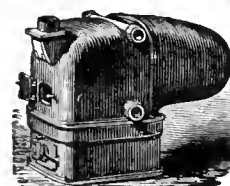
For Orchids, etc., \$1.25 per bbl.

Sphagnum Moss

First quality, \$1.00 per bale; 10 bales, \$8.00.

Z. K. JEWETT & CO., SPARTA, WIS.

Mention the Review when you write.



HITCHINGS & CO.

233 MERCER ST., NEW YORK.

GREENHOUSE BOILERS

PIPES, FITTINGS AND VENTILATING APPARATUS

Send Four Cents for Catalogue. GREENHOUSE BUILDING

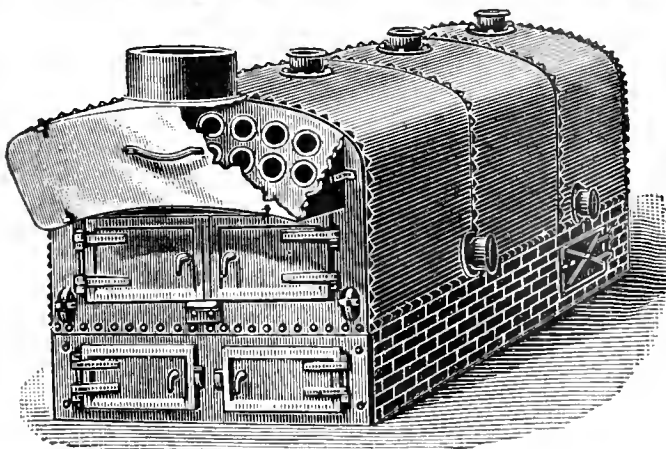
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KROESCHELL BROS. CO.

Chicago, March 18, 1896.
Messrs. Kroeschell Bros. Co., City.
Dear Sirs:—In reply to your inquiry we must say that we are satisfied with your boiler. It works well and saves us considerable coal. Our saving on coal this winter, we guess, will amount to about one-fourth of what the boiler cost us.
Yours truly,
DAMM BROS.

Batavia, Ill. March 10, 1894
Messrs. Kroeschell Bros. Co.,
29 to 59 Erie St., Chicago, Ill.
Gentlemen:—In reply to yours of the 8th inst., it gives us pleasure to say that the boiler put in by you last fall, or rather the fall of 1892, has given the best of satisfaction, and is apparently as good as new after two winters' service.
Very truly yours,
BELLEVUE PLACE Co.,
Batavia, Ill.

Write for Catalogue.



Chicago, Ill., March 15, 1891.
Messrs. Kroeschell Bros. Co., City.
Gentlemen:—We wish to state that of the many boilers we have had in use in our greenhouses we find your boilers give us the best satisfaction in heating. We have used less coal with better satisfaction than any other boiler; others who have put in your boiler through our recommendation have the same to say for it.
Yours respectfully,
REINBERG BROS.
51 Wabash Avenue.

Niles Center, Cook Co., Ill.,
March 20, 1894.
Messrs. Kroeschell Bros. Co.,
Chicago, Ill.
Gents:—Those two boilers you made for me are the best I ever used. I have used more than twenty different kinds of boilers, and never saved so much fuel as I did this winter with your boiler.
Truly yours,
F. SHELLOW, Florist.
Niles Center, Cook Co., Ill.

Improved Greenhouse Boiler. CHICAGO.

29 to 59 Erie St.

Mention The Review when you write.

“NICOMITE”

(PATENT)

VAPOR INSECTICIDE.

No labor required.
Harmless to bloom and foliage.

A certain killer of
RED SPIDER, - GREEN FLY,
and all other Insect Pests.

AGENTS WANTED.

The Tobacco Warehousing
and Trading Company,

LOUISVILLE, KY.

Mention The Review when you write.

GOLD FISH and AQUARIUM SUPPLIES.

Send for
Price List.

KEENAN'S
SEED
STORE. 6112 and 6114
Wentworth Avenue,
CHICAGO

Mention The Review when you write

THE REGAN ... PRINTING HOUSE ...

Nursery
Seed &
Florists' **C**atalogues

87-91 Plymouth Place, Chicago.

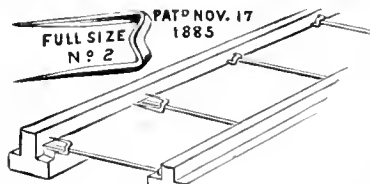
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WRITE FOR CATALOGUE.

GREENHOUSE MATERIAL

OF EVERY DESCRIPTION

JOHN C. MONINGER CO. 412 to 422
HAWTHORNE AV. CHICAGO



THE VAN REYPER Perfect Glaziers' Points

No rights or lefts. Price per box of 1,000, 60c;
by mail, 75c; in lots of 5,000 by Ex., 55c per 1,000.
HENRY A. DREER, 714 Chestnut Street,
PHILADELPHIA, PA.

When writing mention Florists' Review.

THE FLORISTS' MANUAL Price, \$5.00

...BY...
WILLIAM SCOTT.

**WILL BE READY
FOR DELIVERY
IN JUNE.**

It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, encyclopaedia style, so reference may be quick and easy. It will be a whole library in itself, and will tell you just what you want to know in just the way you want to be told. It will be the standard work of reference for the trade.

SEND IN YOUR ORDER NOW. Payment need not be made until book is ready.

PARK AND OUT-DOOR ART ASS'N.

The preliminary announcement of the annual meeting to be held at Detroit, June 27, 28 and 29, has been issued:

Headquarters of the association will be at the Hotel Cadillac, at which the rates are \$3 per day and upwards. Detroit is readily accessible from all points by rail and western visitors can take advantage of the fine boat-ride from various points along the Great Lakes. Such special railroad rates as are secured will be announced later, but owing to the uncertainty of attendance it will not be possible to obtain a great reduction. Members from Boston and vicinity will obtain a special railroad rate of \$26.25 for the round trip.

Mornings of the 27th, 28th and 29th will be given up to business, papers and discussion. The retiring president will address the meeting, and the following papers will probably be given.

F. L. Olmsted, Jr.—Subject Relating to Park Design.

Chas. W. Garfield.—Finger Boards and View Points

John McGregor.—Utilization of Vacant City Lots for the Poor.

E. J. Parker.—Boston Common.

G. A. Parker.—Park Nomenclature and Accounts.

Geo. R. King.—Park Landscapes; illustrated by stereopticon from views taken in different cities by Mr. King.

Gordon H. Taylor.—Surveys.

J. W. Beal.—Outdoor Art in School and College Grounds.

There will be numerous trolley rides through the city to the various parks and the afternoon of the 28th will be devoted to a steamer ride up Lake St. Clair to the renowned "Venice of America," stopping for a short time at one of the attractive club houses at that novel resort for tourists. On the return trip, which will occupy two and one-half hours, there will be a session on board the boat. The afternoon of the 29th there will be a drive over the extensive boulevards of the city and out to Belle Isle park, where in the evening a banquet will be tendered by the park commissioners of Detroit, with a band concert later in the evening. The return to the city at 10:30 p. m. will be made by special ferry.

The Detroit members will do all in their power to give the visiting delegates a good time, and it is hoped that there will be a large attendance.

Warren H. Manning, 1145 Tremont building, Boston, Mass., is secretary of the association.

SIoux CITY, IA.—Hail broke 400 square feet of glass on the greenhouses of J. R. Elder last week. Mr. Elder says the storm was so severe it was a miracle that all his glass was not broken.

ENGLISH growers of the daffodil are talking of organizing a "Daffodil Society."

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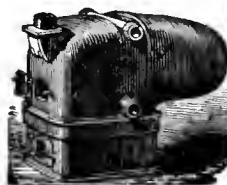
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PEKIN, ILL.—G. A. Kuhl is tearing down two of his old houses and will replace them by new ones of modern style and with latest improvements.

BUYERS' GUIDE.

For the convenience of our readers in looking up offers of stock they may wish, we print the following classified list of stock offered by our advertisers. To ascertain the page upon which the advertisement appears, consult the adjoining regular index to advertisers.

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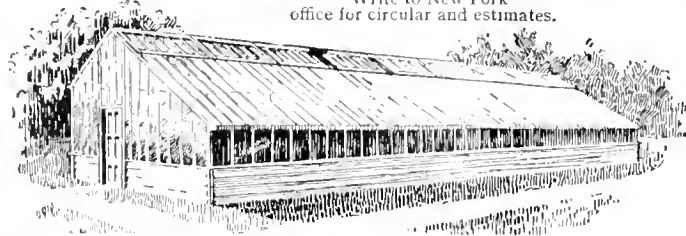
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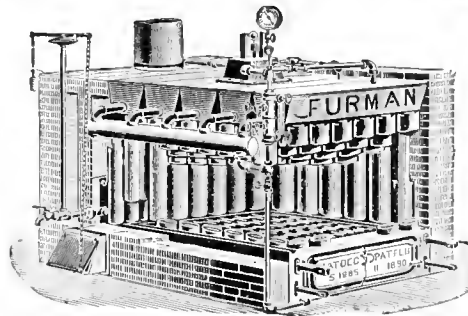
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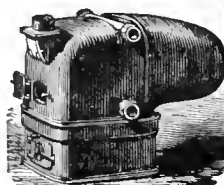
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Vol. IV.

CHICAGO AND NEW YORK, JUNE 15, 1899.

No. 81.

DRACAENA EECKHAUTI.

This is a very graceful green-leaved dracaena that differs materially from

the green-foiled species so well known. It belongs to the narrow-leaved section, for at their widest part

the leaves do not measure much more than an inch across, though they are from 10 to 12 inches long. The foliage of *Dracaena Eeckhauti* at once commands attention by reason of its graceful, curving habit, and also because the leaves are rather closely set together on the stem. The illustration herewith given represents a specimen about two and a half feet high; the reproduction is from a photograph specially taken at the nursery of Messrs. J. Veitch and Sons, Limited, Chelsea, this firm being the introducers. As a table plant *D. Eeckhauti* has a great future, for not only does it last well for indoor decoration, but its very deep green hue renders it suitable for association with almost any shade of color. When exhibited by its introducers before the Royal Horticultural Society on October 11, 1898, *D. Eeckhauti* readily gained an Award of Merit.—*Gardeners' Magazine*.



Dracaena Eeckhauti.

DAHLIAS FOR WINTER BLOOMING.

Replying to inquiry in regard to winter blooming of dahlias I would say that the best way to get dahlias for Christmas would be to procure strong plants any time from now to the middle of July; pot them up in about 3-inch pots. Early in September they should be planted out in the benches in the greenhouse, cutting them down to within a few inches of the ground. Then allow anywhere from 4 to 10 shoots to each plant. The soil should be fairly rich, not much water until they get fairly started; after they are well started they will need an abundance of water. When the shoots begin to show buds they should be disbudded, leaving only the terminal bud; the laterals from these branches should also be pinched off. This will give anywhere from 6 to 10 first-class flowers on long stems of about 2 to 4 feet long to each plant.

We have experimented the last winter and find they should be planted out to occupy one square foot. We plant

them in rows 10 inches one way and 14.4 the other, which aggregate about 1 foot. We grow them with 6, 8 and 10 shoots. The only varieties we grew were Willie Garrett and Storm King. If these plants are planted out, say the first of September, they should begin blooming about the middle of January, perhaps a little earlier. You can, however, regulate them and hold them back or bring them forward according as you want them by withholding water and lowering temperature, but care should be taken that they do not get too dry. Of course, dahlias will do better with not too high temperature, say of 45 to 50 degrees at night; it matters little what the temperature is in the day time, providing it is sun heat and not fire heat and ventilation.

We have been cutting flowers for the past two months from Storm King and Willie Garrett; stems 2½ to 3½ feet long and the flowers 3 to 4 inches in diameter. In cutting your flowers cut the branches clear down to the plants, then it is better to allow the top shoots to grow two eyes from each shoot where it has been cut off and disbud the lower ones and the upper eyes of shoots will of course be stronger. We propose planting several thousand dahlias this coming year, as from our experience we find that they are more profitable than carnations, as we can cut as many flowers during the season and we get about five times as much for the flowers. Of course, to get good prices first-class stock must be grown. There is only one white that I would recommend for profitable

growing, namely, Storm King; John Walker is fairly good. In fact, it is a somewhat finer flower, but it is a very slow grower and a shy bloomer and is not profitable for growing under glass.

In pink, A. D. Livoni we have found to be the best; in white, Storm King; yellow, Queen of Yellows; red, Willie Garrett. In growing dahlias for Easter it is more profitable to plant roots in the benches which have been occupied by chrysanthemums, as in that way you can get your full crop for Easter. Of course the benches which you have forced for Christmas would be kept right on blooming, but Easter would be a little too late for them. The next main crop coming earlier would probably be a third crop about Easter. It will thus be seen that from 18 to 30 dahlias can be grown on one plant during the season, and we never have sold dahlias at less than \$10 per 100, while at Christmas and Easter fine specimens will bring 25 to 50 cents each wholesale. The Cactus dahlia would be very fine for forcing, making magnificent flowers; loose, fluffy and delicate, but they are not hardy enough. They bruise so readily that after a long shipment they would be practically worthless. Some of our decorative varieties are very fine.

For general purposes, however, a Show or Fancy dahlia, preferably a Show dahlia, on account of being solid color, bright, perfectly full to the center, but rather loose, is greatly preferred, for they will last when cut from one to two weeks, while the Cactus dahlias will last for only as many days.

W. P. PEACOCK.

plants; it is flowers only that we want.

Decorative Plants for the Lawn.

There is a marked increase this year in the demand for large palms for summer decoration and you must, if a retailer, be in line to supply the demand. Palms for decoration of halls and churches are not much asked for during the summer, and sometimes a good price can be obtained as the rental of plants for the four summer months. I would not advise the loaning of good palms to any "summer resort," or where the "public" has access, but there are certain customers who are willing to pay almost the value of the plants for use of them for the summer and where they would be largely under your eye. A sale is always to be preferred, but where you cannot sell, and to accommodate a good customer, a loan of a handsome palm for the summer is seldom unsatisfactory.

Burning is the chief danger, and burning is the result of dryness at the root. For a lawn, or on a veranda, the palms look better if in a larger jar or pot than we grow them in, and without shifting them permanently if our ordinary 10 or 12-inch pot is placed inside a larger fancy jar and the space between is packed with green moss, the whole affair will not only look better but it will be most beneficial as a preventive of the soil getting parched.

The largest class of commercial florists are those who grow and retail their produce, and all these men and women should put on a good front. I don't mean this in the same sense as the slang of the street, which means "cheek" or "gall," but I mean a good attractive appearance. If you are catering to the public direct show them the goods you have. It is far better advertising than newspapers or circulars. What can look better or attract more notice from people of good taste than some fine specimen palms, pandanus or ficus?

In a warm shaded house during summer is the place to run these plants up quickly with an unnatural tender growth which may render them fit to sell to a brother florist but very much unfits them for future use as decorative plants or for moulding them into specimens for outside use. Get them outside, not bunched together, but stand them singly over your lawn or whatever is the forefront of your premises. If partially shaded by trees so much the better but that is not really essential. From actual experience the past few years with the following plants stood in the broad sun I have had nothing but the best results, and it has been the means of forming fine plants which never would have been of the same texture and symmetry if kept continuously under glass: Pandanus utilis, Araucaria excelsa (best shaded), Latania borbonica, all the phoenix, Kentias Belmoreana and Forsteriana, and all the



Callas.

I was asked the other day as to the best method of carrying calla lilies through the summer. This is a rather old-fashioned subject, but it is evidently new to some one.

The young offsets that were taken off the old bulbs and started growing in 2½-inch pots during winter should now be shifted into 5-inch pots and plunged out-of-doors in the broad sun and copiously watered during summer. They will make fine, sturdy flowering plants for next winter, and usually these young plants flower quite early in the fall. Old plants that have flowered all winter in 6 or 7-inch pots we lay on their sides out of doors and let them go perfectly dry, shaking off

the soil in early September and starting again in 5-inch pots. If you have plenty of room pot into the 7 or 8-inch that you intend to grow them in all winter; it will save labor.

Some 20 years ago, when the richardia was more esteemed both as a conservatory plant and as a cut flower, we planted out a number of strong plants that had been grown all winter in 6-inch pots, planting in a strong, deep soil. They made gigantic plants, with leaves five feet high, and during the winter they gave us many flowers, sometimes three or four at one time. They needed a 10-inch pot. It is very easy to have these large calla plants, but is it desirable? You will have to decide this question yourself. With us it is not desirable to have such large



First Prize Decorated Carriage.

palms we grow except the beautiful *Areca lutescens*, which if it does not burn gets very yellow, and if summered out of doors should have the protection of lattice or thin cloth shading.

As stated above the so-called burning of the kentias and latanias is due to allowing them to become very dry while the sun is pouring down its fierce summer rays. The larger the plant and pot or tub the less likely they are to this accident. But it is not desirable to get your large palms into pots or tubs one fraction larger than is absolutely necessary for their welfare, so to obviate the necessity of standing over them with a hose sink the pots to the rims in the ground, or what I like better—put them into a pot a few inches larger than the growing pot and fill in with earth or moss. There is only one treatment for these palms during summer and that is an abundance of water and plenty of hosing over the top. You may not have in appearance a much larger kentia when you take them in at the end of September but you will have a stronger, stouter, healthier palm in every way and the foundation will be laid for a useful plant.

About watering: If the water passes quickly away, which it should, you can scarcely overdo it. It was very refreshing to hear the practical philosophy from the banks of the Delaware given to the mythical theorist of the Chemung valley about wa-

tering. Some fool said long ago, and he has his disciples, that a drop of water on the leaf while the sun was shining would scald it. When the tissues of the leaf are charged with moisture they will not burn. When the water has evaporated, or exuded through the leaf and there is no more to be pumped up to supply the exhaustion, they will burn.

Broadly speaking there are two great facts in practical gardening: The best time to prune is when your knife is sharp. The best time to water is when the plant is dry. Also, the best time to eat is when you are hungry. When thirsty add two quarts of water to two tablespoonfuls of oat meal; it will prevent sun stroke and broken legs.

Greenhouse Benches.

The plant men will soon be fixing their benches for the reception of chrysanthemums, and the carnation men will soon be throwing out their carnations and repairing benches when needed, and the need comes too often. I don't think there is any substitute for wood that is within the reach of the commercial florist. For the supports of the tables you should certainly use the several devices of iron, either the angle-iron or the frames of 1¼-inch pipe, which are practically indestructible.

Parenthetically, just let me say that I have had some startling experience with iron pipe, and perhaps others may have experienced the same thing.

A number of 1¼-inch pipe uprights supporting a roof and which pass down through the bench were painted with white lead and oil from the glass to the bench, but about an inch close to the surface of the bench was not painted. The bench has been covered at intervals with sand, soil, spent hops, and occasionally coal ashes, or, rather, coke ashes. A score of these pipes have rusted clear through, and there is an actual space of two inches where the pipe is clean gone. There is a lesson to be learned from this. All pipes should be painted. It costs but little to paint them all, whether heating pipes, supports, purlins, water pipes or ventilator shafting. A large grower once said to me on seeing a 2-inch flow pipe painted: "What's the bloomin' reason ye paint yer pipes, Bill? They don't give out the heat so well, ye know." Contrary to this amiable friend's opinion, I think they radiate the heat better when painted. Another lesson is that coal or coke ashes should be kept clear of all iron pipes, useful as coal ashes are to us. It was that, simply, they ate away my pipes, and when they are replaced I will put a collar of asbestos paper on the pipe a few inches above and below the bench.

To return to our benches, The worst material, probably, is a poor quality of soft white pine, and good pine is altogether too expensive to rot out with earth and water. Hemlock is better and cheaper, and I believe in using it two inches thick, if not for plant

benches certainly for rose and carnation benches; 6x2 is a good size for all benches where soil is going on. Many a bench of plants has been ruined by the boards or planks being too close together, affording poor drainage. You will find that unless the lumber is very wet when laid the boards swell a good deal when the moist soil is on them, and therefore a three-fourths inch space should be allowed between the planks when newly laid.

Cypress is the best of all material for benches as well as for the rest of the house, and expensive as it may be it would be a saving over pine or hemlock in ten years. I have no idea what rough cypress is worth per 1,000 feet. The nearest to cypress in quality that we can get in the north is tamarax, so called, which, like cypress, to which it is closely allied, is a deciduous conifer. The cypress is *Taxodium distichum*, becoming now a favorite ornamental tree for our lawns. The tamarax (American larch) is a very similar tree, both in appearance and texture of wood, and the large Canadian rose growers found out several years ago the long lasting qualities of this wood when subjected to the first class rotting conditions that exist in our greenhouse benches. All growers who can get larch should use it in their benches.

Butted Glass.

How pleasant it must be for those who have butted glass to renew it entirely and give the house a good coat of paint! And yet you cannot over paint. A cypress bar may last forever without paint, but you must paint, not only for appearance, but for light. It is light you are after. Where the glass is butted you can remove it readily, paint every speck of woodwork, wash the glass and relay it in half the time you can paint the sash with the glass lapped and puttied; and then, after the stretching and scorching and tension of rubber necks, it is only a poor job.

A bright young gardener came here last spring, with knowledge, energy and a lot of love for his business. There are only a few of that sort born each year. His great success with roses and carnations fulfilled our expectations of his ability. He listened to an older man about butted glass and a few months ago when we met he said: "I am so glad I took your advice about butted glass. It is grand. I would never dream of going back to the old putty system." All of which shows that Mr. Gunther is a very progressive young man. And still you hear good old men chuckle and shrug their shoulders and say: "No, no; it won't do." The windows in the ark were lapped and bedded in putty, and so the conservatives say that is good enough. WILLIAM SCOTT.

and mind you, there is an ever-increasing demand from the best class of customers for choicer and rarer flowers, and to the greenhouse we must look for them.

There is not such a great variety to select from at present. Orchids are not over plentiful. *Cattleya Mossiae* are still obtainable, and they are the choicest flower you can get for all colored designs or bouquets, especially for bridesmaids. White orchids are almost confined to *Odontoglossum crispum*. That and valley go well. *Epidendrum vitellinum majus* (the vermilion orchid) is a grand thing for high color effects; its racemes of orange scarlet flowers are beautiful. *Brassia verrucosa* (the spider orchid) is a most peculiar flower; a spike or two will give a charming touch to a vase of mixed flowers. *Odontoglossum citreum* with its long spike of lemon colored flowers is fine for vase or basket. *Dipladenias* are very beautiful for centerpieces or baskets; it is best to use only the finest adiantum foliage with them; they are extra fine when used in contrast with allamandas, that is on alternating tables; both these flowers should be arranged loosely and not flat. *Passiflora caerulea* and *P. princeps*, the blue and scarlet passion flowers, especially *princeps*, are splendid for mirrors or white background (nick them with a knife in the back of the flower and they will keep open.) Keep common flowers and greens away from them. *Stephanotis* is the finest white flower out now, and is the choicest you can offer where white flowers are wanted. *Gloxinias* will give you almost any color you may want in flowers. It's a pity they are so easily bruised, but if put in small vases or bottles and arranged among ferns they make a most effective table decoration. The only difficulty with such flowers is their diversity of color and short stem; grouping is the safest plan for colors, and rigid formality of height can be avoided by covering the bottles with green and having them at irregular heights.

Brilliant colored caladiums are useful for many forms of decorative work; a group of them will look fine almost any place where discordant colors are far enough away from them. *Swainsona* is for funeral work, though sweet peas outplace it now. Last week a very high-toned New York florist made six bridesmaid's bouquets of *Swainsona alba*; they were well made, but lord save us, each weighed about ten pounds and the girls who had to suffer were very small too. Heavy hand bouquets are brutal affairs; have more mercy and less wire. A basket of well pitched *nepenthes* hanging in the window or suspended from some high place makes a most interesting item in any decoration; we wonder why they are not more extensively used. Curiosities, especially beautiful ones, are the things which cause the most attraction, and your work should always be attractive. A few fronds of greenhouse ferns, no



Greenhouse Flowers.

Very often during our visits to the palaces of the rich we come across vases of pretty greenhouse flowers such as we never see on the market. How grand they look too, and what a contrast their delicate, graceful lines and sprays are to the everyday flowers we see so much of. Then there is the beautiful effect such flowers usually give. I'm afraid there are many of us who would not be content unless we could put a lot of wire and common greens on them, and tie them in a stiff bunch; that's how we often spoil things. Yes, to be sure, most of the delicate greenhouse flowers would be worthless in our cut flower markets,

where the dirty Greek and street peddlers of every hue and kind are permitted to and have a mania for handling all the flowers. Only such flowers as will the least show the effect of rough hands and dull brains are the most valued by many. But there are others—the artists who continually aspire for greater beauty, and who often have to seek outside the market for materials for their refined trade. There are a great many classes both in our trade and in our artist's, also a vast amount of differences of opinion, still the most of us recognize certain standards. Many florists are satisfied with the everyday run of flowers and trade, others there are who continually look for the new and uncommon,

matter what variety, will make any box of cut flowers look pretty. Common hardy ferns are often used to the detriment of many flowers. Most of us slap them in with anything, either to fill the box or to make an excuse for greens. If we only would stop to look we would see that there are but few greenhouse flowers which common ferns are suitable companions for. Colored water lilies are in and are being used for tank table decorations. Once in a while we are expected to make aquatic scenes, miniature lakes and mountains, etc. If the table is a large one and you are allowed lots of room you can do fine work with various colored lilies floating on their own small leaves. The white ones are just coming in from Connecticut, and we shall refer to them again.

Greenhouse roses with a few exceptions are inferior to the garden ones just now. We shall soon have a scarcity of roses of any kind. We need more summer roses in this country, and growers should devise means of supplying that want. One man on Long Island had fine Brunners all last summer; they were the best roses obtainable in the New York market, but were inadequate to the demand. Carnations are plentiful today, many varieties, especially the scarlet, bloom most at this time of the year. Carnations are useful now because they are a good keeping flower in warm weather; they will also be scarce later on. We feel the day is fast coming when there will be no season for any flower, but there will be an ample supply of the most important at any time.

Plants.

Ancuba Japonica, surrounded by scarlet geraniums, fills many a tub in New York, and pretty they look. Crotons are being used for bedding out and the effect of a good group is charming; plunge them and mix the colors well. Ivy leaf geraniums are used for edging but they make the finest of hanging baskets. Variegated Funkias look well in boxes or vases. A great many nasturtiums are being used in boxes. A few years ago Buffalo had the reputation of having the best filled window boxes in the United States. Don't forget a large bush or two of tamarix is good to have round you; a sprig of its foliage or flower goes well with anything.

We'll be out in the garden next week and shall tell you what we see in it; in the meantime keep your stock well watered, plants, particularly such as arecas, won't stand any neglect; a good syringing morning and evening is best for all, and a group of palms out in some shady place is a fine thing to look at.

IVERA.

DECORATED VEHICLES.

Carnivals of Flowers with a parade of decorated vehicles as a leading feature seem to be gaining in popularity, and the florist is occasionally called upon to design decorations of natural flowers in spite of the tendency to use

paper flowers noted in several cases. The paper flower will soon run its course and the florist will become a more and more important factor in these events.

The annual "battle of flowers" and floral parade is one of the institutions of the city of Nice, where we believe the floral parade originated, and the accompanying engraving of the winner of the first prize in a recent parade, which we have reproduced from Die Bindekunst, will be of some little interest, and possibly suggestive to florists having such decorations to arrange.

NEW YORK.

The Weather.

Last week all New Yorkers were imagining themselves in Cuba. The weather was more than torrid, the thermometer for the most part of the week stood around the hundred mark and the weather bureau gave out the information that it was the warmest June on record here. All manner of outdoor crops have suffered greatly on account of drouth, there having been very little rain since March. Of course, warm weather has its influences on the florist business just as much as it has betimes on the florist himself. People rush out of the city and forget all about flowers, and it's very hard to keep posies for the very few who wish them, and then again that dry, continuous glaring sun rushes out-door flowers so much that many kinds which usually last all through June are even now beginning to get scarce. This is particularly so with Jacques and many other important decorative jewels.

Auctions.

Plant auctioneers have been and still continue to be very busy. Elliott disposed of immense quantities of miscellaneous plants, and Cleary had the Dressel sale at Weehawken, at which good prices were realized, and also the Philadelphia palm sale, which was long winded, though successful.

If one had greenhouse room and could devote some care to these auction plants, there are often occasions when very good bargains can be made, especially now many plants can be got cheaper than you can import them for in the fall.

New York Gardeners' Society.

The last meeting of the above society for this season was held at Terrace Gardens, on Saturday, June 10. There was a very good attendance and lots of enjoyment. The committee had arranged for a small strawberry show and some remarkably fine berries were shown. Wm. Duckham, Madison, N. J., won first prize in the class calling for 3 quarts, 3 varieties; he showed Sharpless, Marshall and Wm. Belt, the latter being extra fine. Wm. Scott, Tarrytown, got second in the same class with Bubach No. 5, Sharpless and Lovett's Early. The same exhibitor won first prize in the class calling for

2 quarts, 2 varieties, with Bubach No. 5 and Sharpless; he also won first for the best quart of Sharpless. Joseph Manda, South Orange, N. J., exhibited a vase of Brassia verrucosa, which were remarkably well grown, and Andrew Taaffe showed several vases of roses.

After a short business session, in which the committee were instructed to arrange for the annual dinner and exhibition in September, refreshments were consulted, and then the bowling alleys were manned. Prizes were offered in the last game, but owing to the inexcusable haste of Father Time only five frames could be rolled; even these were rushed, and records were never thought of. There was a desire on the part of many present to organize a permanent bowling club, and this may be done in the near future. Following are the five frame scores of the evening:

Bartholomae	..... 31	O'Mara	..... 104
Owens	..... 26	Scott	..... 33
Piorokovsky	..... 48	Penman	..... 35
Manda	..... 56	Hamilton	..... 49
Marshall	..... 51	Donlan	..... 62
Duckham	..... 52	Whyte	..... 25
Withers	..... 48	Manda	..... 54
Herrington	..... 33	Taaffe	..... 48
Leuba	..... 38	Sage	..... 25
Reynolds	..... 35	Cooke	..... 28
McCord	..... 61	Whyte	..... 54
Scott	..... 25	Neubrand	..... 29

First prize, O'Mara; second prize, Marshall; third prize, Donlan.

Market Florists' Association.

The New York Market Florists' Association held a meeting at 253 Center street Monday evening, June 12, for the purpose of considering the best means of procuring a better market in New York. Only a few of the members were present, however, and nothing definite was done. Some of those in attendance considered it advisable to have vegetables and fruits sold in the same market; this, however, did not meet the views of some of the prominent growers, and unless greater unity and energy is shown it would appear that we must still wait, still continue to buy our small plants by candle light in an isolated part of the city. What we need in New York is the same kind of philanthropy that created Covent Garden, or an undaunted missionary who can lead the plant growers into a temple of brotherly love and prosperity. It is scarcely fair to expect the poorest and smallest growers to do all the work. A good plant market would benefit every plant grower, and the project of a suitable market place should be a matter of deep consideration for all.

Florists' Club Bowlers.

The New York Florists' Bowling Club met at their alleys Monday afternoon and reorganized. P. O'Mara was elected captain, vice E. Leuly, who resigned. J. A. Penman, secretary, and Alex Burns, treasurer. It was decided to continue bowling, but the meetings will be held from 2 to 7 p. m. every Monday afternoon, instead of evenings, at the same alleys, 57th street and Sixth avenue. Membership dues will be \$1 per month, and those having

the highest average scores from now till August will be asked to represent the club at the national tournament in Detroit.

Florists' Club.

The last meeting of the Florists' Club for this season was held on Monday night, June 12. The attendance was rather light, but very great interest was taken in the future of the club. President Plumb was in the chair and stirred up a lot of dormant life. The committee appointed to secure the S. A. F. convention for New York city next year were not ready to report, and a special meeting will probably be held next month. President Plumb was instructed to appoint a committee of three to attend to transportation to Detroit.

Upon request the president gave his impressions of floriculture in Europe as he recently saw it. He spoke very highly of the commercial palms, ferns and foliage plants grown in England, particularly for the London market. He said they grew plants better there than we did here; it was not because of their superior ability to do so, for he as well as any intelligent man must admit American growers have nothing to learn from European plant culture, but somehow the men were more interested in their work over there; they produce better plants, more room was given to produce finer specimens, there was little of the overcrowding and careless growing seen here. He was of the opinion that the growers in this country would reap great benefits by producing a better grade of stock. He also described the nurseries of Ghent, the home of hard-wooded plants. He spoke of many fine flowers and plants which are seldom if ever seen here. He hoped to see the gardeners of this country go in for greater variety and finer specimens.

W. A. Manda took up the American side of the question and said this country was too young to be compared with Europe. The people here did not yet properly appreciate plants and flowers; it was necessary to crowd and produce quantity in order to pay expenses and satisfy a demand for tall plants. Expenses here were very great and it was impossible to get gardeners who would remain interested as they were in Europe, because here the man of pluck and ability wanted to start for himself. In regard to collections of plants, he cited the case of the United States Nurseries, at Short Hills, which he said one time had the finest collection of commercial plants in the world. The concern went under because it was too far ahead of the times. American trade was not of the kind to support extensive concerns devoted to the cultivation of complete collections. The people here want but the most serviceable and showy. Specialists succeeded best here, and he deprecated the narrow lines upon which the average florists work. He hoped, nay, he was sure, the day would come when this country would be more appreciative floriculturally.

He knew from experience that plants could be grown better here; we could get colors in our foliage plants unknown in Europe.

This started a discussion on flower shows, in which Messrs. Wallace, Ward, Atkins, Siebrecht, Morris and Weathered took part. It was the sense of those present that the greatest exhibition ever seen in America would be gotten together if the convention could be brought to this city next year. Mr. Ward offered financial assistance to the project and assured the meeting of his heartiest support in the matter.

The A. T. De La Mare Printing & Publishing Co. have purchased the paper known as the "New England Florist," and the "Exchange" has eaten it up. IVIRA.

CHICAGO.

The Market.

Trade holds up well and the scarcity of good shipping stock continues, particularly in roses. At the same time there is an immense amount of poor stock and it takes very low quotations to move some of it. Carnations are showing the effects of the weather to a marked degree and quality has been very considerably lowered during the past week. The scarcity of good roses and carnations will undoubtedly continue till the end of this month.

Some excellent Harrisii lilies were noted at Kennicott Bros. Co. They were from Klehm Bros. and were from bulbs held back in cold storage.

The first asters of the season were seen at Amling's. They were of very fair quality for so early.

The supply of hardy ferns is now sufficient to satisfy all demands.

Various Notes.

McKellar & Winterson have issued their annual bulb list.

Bert Coles and wife, of Omaha, and A. Mann, Jr., of San Francisco, were visitors last week.

The Nurserymen's convention opened at the Chicago Beach Hotel yesterday (Wednesday) and concludes today.

Mr. and Mrs. Fred Hills, of Maywood, lost their oldest boy, aged 9 years, last Saturday, June 10, from scarlet fever. They have the sympathy of all in their bereavement.

C. C. Keenan has opened a branch store at 363 East Sixty-third street, still maintaining the main store and greenhouses at 6112 and 6114 Wentworth avenue. The branch store has done an excellent business since opening.

Mr. G. H. Pieser, secretary of Kennicott Bros. Co., is laid up as the result of a collision with a tandem bicycle last week. His injuries are not exactly serious, but at the same time will probably confine him to the house for some time.

The work of rebuilding the Lincoln Park greenhouses has begun. The south section has been torn down and will be first rebuilt. When this section

is completed the plants now in the north section will be moved into it and the north section will then be rebuilt.

At the meeting of the Florists' Club tomorrow (Friday) evening Mr. Andreas Simon, of the Staats Zeitung, will read a paper on "Bulb Growing in the State of Washington." Mr. Simon has personally investigated the experiments in bulb growing in Washington and his paper promises to be very interesting.

Bowling.

The third set of games in the handicap prize series resulted as follows:

	1st.	2nd.	3d.	4th.	Tot.	Avg.
F. Stollery	145	168	149	147	609	152
Geo. Deegan	142	124	123	179	568	142
G. L. Grant	150	125	135	131	541	136
G. Stollery	102	124	131	166	523	131
P. J. Hauswirth	123	131	109	150	513	128
A. Henderson	115	101	119	160	495	123
C. Hunt	117	91	121	104	443	110

There is talk of taking a trip to Milwaukee on invitation of the Cream City bowlers.

INDIANAPOLIS.

Society Meeting.

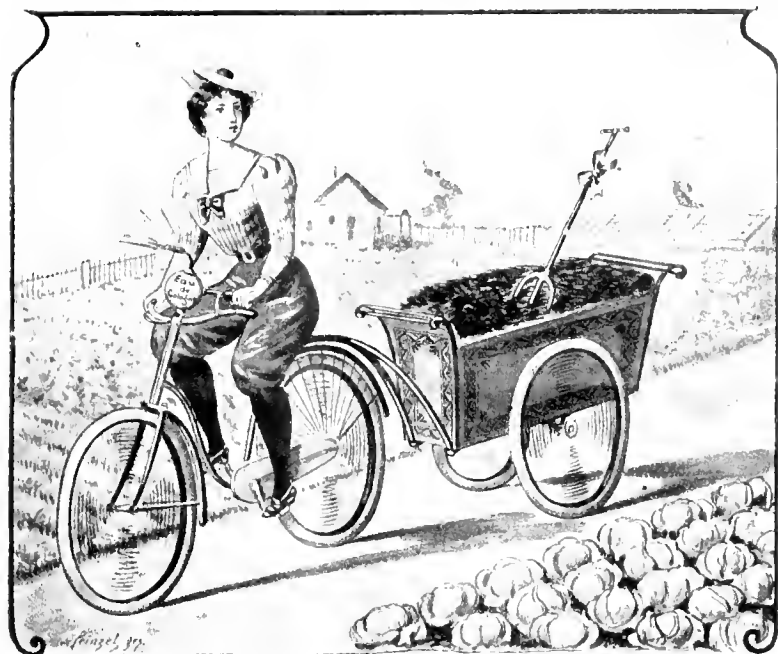
The State Florists' Association held its regular monthly meeting at their rooms in the State House on Thursday, June 6. In the absence of the president and vice president, Mr. J. T. Huntington acted as president. The regular routine of business was followed. Mr. J. J. B. Hatfield read a paper on botany. This was very interesting in the opening chapters, but in the last chapter he struck a bad snag. He evidently does not believe in the florists having a little recreation. His finish was somewhat on this order: Botany is a very peculiar study, we ought to be more interested in its mysteries instead of going to some alley and rolling small wooden balls to knock down some sticks of wood; we ought to get some books on botany, study them and find out the reason a rose won't grow in a swamp and other peculiarities of plant life. He also stated that when he receives a florists' paper the first thing he sees is bowling; he turns over to the next page and sees high score and on the next page crack shots, etc., so he is in a quandary as to whether he is reading a sporting or a florists' paper. Some of the boys are talking seriously of buying him a book on bowling to see if he can't learn the game and join them.

Prof. Wright, of the Lilly Chemical works, also gave us a talk on botany.

Mr. Weiss was elected a member of the society.

Mrs. Charles Rieman has extended to the society an invitation to a farewell supper to be given at her home on the 21st of June. A committee, composed of Fred Hukriede, John Hartje and John Heidenreich, was appointed to make the necessary arrangements and from last accounts a hot time may be expected.

Harry Balsley, he of red pot fame, was a visitor at the meeting and was



Kid Glove Gardening.

called upon for a speech. Of course he had to tell us of all the great sights and wonders we shall miss if we do not attend the great convention in August. He also called the attention of Mr. Hatfield to the fact that one of the greatest features of the convention would be the rolling of small wooden balls to knock down some sticks of wood.

The boys were so infatuated with botany, by the two lectures on that subject, that they actually forgot to mention anything about our annual picnic.

Notes.

The florists here report a very successful season. Bedding plants, especially red geraniums and vinca vines, going at a premium. Decoration day trade was by far the best ever known, the demand for flowers being greater than the supply.

Mr. William G. Bertermann has returned from an extended tour through California, and seems to be in good spirits and health. All the boys wished him a hearty welcome.

Visitors this week were J. E. Killen, representing C. H. Joosten, of New York, and Harry Balsley, representing the Detroit Flower Pot Mfy. FRED.

KID GLOVE GARDENING.

Our German contemporary, Moller's Deutsche Gartner Zeitung, has a good deal of fun at the expense of what might be termed kid glove lady gardeners, and occasionally makes such suggestions as that conveyed in the accompanying engraving, which we have reproduced from its columns. The Eau de Cologne atomizer, and the bow of ribbon on the handle of the fork, were surely strokes of genius.

BOSTON.

The Market.

Another week of unexceptional dullness, with no real value for anything in the shape of flowers, although at the market on Saturday there seemed to be quite a demand for staples, but principally from the fakirs, and it is now "a dozen nice roses for ten cents," or "fresh carnations ten cents a bunch," so you can imagine what the grower gets out of it. Roses are still poor, especially Brides and Maid and 25c per 100 is all that is paid for the greater portion of them. Some fairly good stock is offered, which is taken by the store people at \$2 to \$6 per 100. Kaiserins are as usual the popular summer rose, good blooms easily making 8 cents. There is hardly any demand for Beauties; quality nothing to brag of. Sales are made from \$2 per 100 to \$2 per dozen. Carnations plentiful, but of the usual quality at this time of the year; from 25 to 50 cents per 100 seems to be the prevailing figure. The more prominent growers, however, are obtaining fair prices from regular customers. Valley from outside is about done; lilies are still plenty at 50 to 75 cents per dozen; sweet peas, \$1 per 1,000; stocks, paeonies and other stock plenty, but slow.

The Plant Trade.

Comparing this season with last, the trade for plants has been excellent, and there is now quite a shortage of plants for the beach trade, which is now at hand. Among the growers, the demand has been excellent, but at average prices. At the auction it is different. The quality of the goods has

been fine and competition lively. Consignors have done much better than the retailers; the prices having averaged fully fifteen per cent higher at auction. Mr. McCarthy attributes this partly to the holding of only two sales a week instead of three, which has been the custom.

The Rhododendron Show.

The annual exhibition of rhododendrons this year beat the record. Both the upper and lower halls were a gorgeous sight, including three finely arranged collections of orchids. The following were the winners of the H. H. Hunnewell prizes: For twelve distinct varieties of unquestioned hardiness, 1st, to James Comley; 2d, to Mrs. John L. Gardner. For six distinct varieties, 1st, to James Comley. Six tender varieties, named, 1st, to Mrs. John L. Gardner. Single truss, named, 2d, to Mrs. Gardner. Hardy azaleas, fifteen varieties, one vase of each, 1st, to T. C. Thurlow. Twelve varieties, 1st, to T. C. Thurlow. Cluster of trusses, one variety, T. C. Thurlow.

The society's prizes were awarded as follows: Three paeonies, single and double, named, 1st, to Mrs. John Jeffries. German iris, thirty-six vases, of three trusses each, of not less than twelve varieties, 1st, to Mrs. John L. Gardner. For collection of hardy pyrethrums, 2d to Rea Bros. Display of Oriental poppies, 2d, to Mrs. E. M. Gill. Aquilegias, collection of twenty-five vases, 2d to Mrs. John Jeffries; 3d, to W. C. Winter. For display of hardy ornamental trees and shrubs, thirty species, foliage and bloom, 1st, to T. C. Thurlow; 2d, to Miss Alice L. Grinnell. Vase of flowers, 1st, to Miss Hattie B. Winter; 2d, to Mrs. E. M. Gill. Native plants, thirty named varieties, 1st, to Miss Alice L. Grinnell; 2d, to Mrs. P. D. Richards; 3d, to the Misses Doran.

For display of orchids, arranged for effect, 1st, to H. H. Hunnewell; 2d, to J. S. Bailey; 3d, to J. E. Rothwell.

Gratuities were awarded to Edward Butler, for a plant of Cattleya Gaskelliana; Edward J. Metton, for pelargoniums; James Conley, H. H. Hunnewell, Mrs. B. P. Cheney, Mrs. John L. Gardner and F. W. Vanderbilt, for displays of rhododendrons; Rea Bros., for Paeonia Fostera Maxima; T. C. Thurlow, for display of paeonies; Rea Bros., for display of herbaceous perennials; Mrs. E. M. Gill, for display of seasonable blooms; Mrs. John Jeffries for display of German irises.

The society also awarded a first class certificate of merit to H. Dumasq for Bougainvillea spectabilis.

The News.

In addition to the rhododendron show, the regular Saturday exhibition of this week was devoted to paeonies. T. C. Thurlow, Mrs. E. M. Gill and Dr. C. G. Weld made some fine displays, especially Mr. Thurlow, who staged upward of 100 distinct varieties. In addition to the above, Mrs. Gill had a

few roses and Miss Edith Noyese a collection of native flowers.

Jack Delay, the popular florist at the new union station, has taken unto himself a wife and is now passing his honeymoon in some unknown region.

W. J. Dana is making extensive alterations to his plant in Wellesley, where he will still grow the popular Dana brand of roses.

J. R. Fotheringham, of F. R. Pier-son Co., has been a visitor this week. P.

ST. LOUIS.

The Club Meeting.

The regular monthly meeting of the club was held at 3 p. m. on the 8th and was much better attended (there were fifteen members present) than the last one. President Sanders called the meeting to order. Secretary Schray being absent, John W. Kunz acted in his place. The committee on World's Fair subscriptions reported \$1,200, and was given more time to complete their work. Florists who wish to subscribe should call on the chairman, John Kunz. The preliminary list for the chrysanthemum show was distributed among the members.

The chair appointed Mr. Kunz, and he to select two others, to act as a committee to attend to matters pertaining to the S. A. F. meet at Detroit.

The trustees were instructed by the club to make arrangements for our annual picnic, to be held some time in July.

At the next meeting of the club, which will be on Thursday, July 13, President Sanders will read an essay. The meeting then adjourned.

The Market.

This week will about wind up the school commencements. There are still a few more weddings for the latter part of the month, when the demand from this and other sources, except funerals, will be about over.

There is little to be said of the business the past week. The market was not overstocked with flowers and the demand was good for choice stock, which is very scarce just now. There are plenty of roses, but very poor and badly mildewed. The very choicest stock of Meteors, Brides and Maids brought \$5 and \$6; others sold at from \$2 to \$4. Beauties are a scarce article around here and the few that come in sell at \$3 per dozen.

Carnations are still good and very plentiful. The price was up to \$2 the first part of the week, but later dropped to \$1 in small lots; \$5 in 1,000 lots. Scott and Triumph are the best pinks, while Hill is best of the whites. Daybreak always sells well, as it can be used in any kind of work. In the red sorts Portia sells best, other reds come in spotted with white.

Paeonies are all gone, they sold well this season; valley has become scarce and is always in demand; sweet peas

have been plenty and of good quality, selling well at 50 and 75 cents per 100; white, lavender and pink are the best sellers, the darker shades remain unsold; pansies, cornflower, forget-me-nots and other outdoor flowers have only little call. Smilax is also selling well and lots of it is being used this month for weddings, price \$12.50 and \$15.

Notes.

Harry Jordan, of Omaha, president of the Jordan Floral Co. of this city, was in town last week to visit his father, J. M. Jordan, who is still very sick.

E. W. Guy, Dr. Halstedt, Gus Groshart and Henry Emonds, of Belleville, were in town Thursday to attend the meeting of the St. Louis Florists' club.

John Young has been bowling so well of late that the members of the club are talking of sending a challenge to William Scott to roll a game at Detroit during the S. A. F. convention. We'll bet anything from a rose-bush to an apple tree. I wonder if Brother Scott will accept.

What has become of the regular attenders at the club meeting, I refer to Max Herzog, Fred and Herman Ude, Theo. Richter, Fred Ammann, Fred Weber, John Young, Henry Berning, Frank Ellis, W. E. Jordan, Carl and Robert Beyer, and many others. Can it be that they are always busy the day of the meeting? Now come, brothers, and attend the next meeting. It will be nomination of officers and we can surely find one among you who would make a good presiding officer, or help to elect one. President Sanders expects every member to be present at this meeting, Thursday, July 13, at 3 p. m.

Bowling.

The Bowling Club had a better attendance Monday night and a few good scores were made, but not up to the championship form, and some better work will have to be done if the boys wish to retain the Evans cup. A meeting of the club will be held next Monday night, just before the bowling, and all members are requested to attend. The scores were as follows:

	1.	2.	3.	4.	Tl.	Av.
C. A. Kuehn.....	131	151	155	171	611	153
C. C. Sanders.....	159	137	135	162	593	148
J. W. Kunz.....	103	166	131	182	582	145
John Young.....	..	135	161	137	433	108
J. J. Beneke.....	118	133	173	138	562	141
Emil Schray.....	147	147	95	135	524	131
F. J. Piltmore.....	102	147	103	115	467	117
F. H. Weber.....	..	..	51	100	151	37

J. J. B.

BUFFALO.

Trade Conditions.

The heated term has come; 90 degrees in the shade for a few days make us wish we were rat catching in an ice-house or cathedral, or better still fishing with John Westcott on the shores of some indentation of the great Atlantic coast. But we have to stick to it. We have plenty of flowers to sell

and school commencements are thick upon us this week. Carnations are very plentiful. This is their last great rally and a very few weeks will exhaust them and then, dear Public, you won't have any more ten cent snaps. Paeonies have sold fairly well this year and thanks to our late spring we have them after the eastern and southern supply is over. Weddings are very plentiful just now and although none up to date are of any great magnitude they are doing all of us some good. To look at our "Sassiety" column you would think there was a great harvest ahead for the decorating florist, but the contracting parties are mostly of the George Washington Pumpkin to Miss Mary Ann Squash type. Still they all help.

The representatives of the South American Republic were here last week and they were shown the city to the booming of cannon, and were feasted and banqueted at our aristocratic Buffalo Club, which was finely decorated for the occasion.

This week, in addition to the school commencements, the city will be overrun with 30,000 Shriners. These Masonic gentlemen with their red fez are very picturesque. I hope they won't spend all their change on champagne but will have a little left to buy roses for their admirers in petticoats and bicycle bloomers.

Visitors.

Mr. Fred Stokes, of Kasting & Co., Pittsburg, was here this week, and so was Mr. Bobbink of New Jersey, and while he and the writer were discussing the hardiness of Japan maples in walked Mr. Sunburt Meehan of Philadelphia with Mr. Yates, Mr. Fox and two other nurserymen of Rochester. Of course they were all bound for Chicago. We are glad to see anybody that is decent but very glad to see Mr. Meehan, and intend to see him soon on his native heath. W. S.

NEW ASTERS.

We learn from the list of Messrs. Vilmorin, Andrieux & Co. that they are bringing out some asters which promise to receive a good deal of attention from gardeners. One named Reine Marguerite Japonaise is a needle aster, which in habit belongs to the Perfection pyramidal class. The blooms; of a fine rose, are globular, with upright rays, which are twisted round on both sides. The stalk is strong, and capable of holding the bloom horizontally. At the present time the tints are light pink, rose-pink, red, pale blue, and white.

The second race was noticed in the Revue Horticole in 1894. The blooms are large, very full, with numerous rays of great length, which are bent about the middle, giving the bloom the appearance of a Japanese chrysanthemum. The colors obtained in this race are chamois-red, coppery-rose-red, coppery-red, and violet.—Gardeners' Chronicle.

THE FLORISTS' MANUAL.

Mr. Scott advises us that it will be quite impossible for him to finish his work on the Manual until the spring rush is over, which has been unusually heavy with him this year. We suggested postponing the date of issue to July 15, but he thought it would be safer to make it August 1, so there would be no possibility of any further postponements. We, therefore, announce August 1 as the date for the book to appear, and we will endeavor to have it ready a little before that date if possible. Present indications are that the book will be some little larger than originally intended, and the aim will be to make it full and complete, regardless of size.

In response to our report to Mr. Scott of the large number of advance orders already received for the book, he writes that he feels much flattered by this confidence in his ability to write a really useful book and that he will spare no pains to have the book meet the expectations of his friends.

SHIPMENTS TO MICHIGAN.

Some of the railway freight agents seem to still lack information as to the ruling of the Michigan State Board of Horticulture excepting greenhouse plants from the state law requiring certificate of inspection. The express company officials seem to be posted, but an occasional freight shipment is held by a freight agent and unpleasant losses have resulted.

Is not this a case for the attention of the Society of American Florists? If our national organization would take steps to have the Michigan State Board officially notify the general freight agent of every railway in the country of its ruling it would confer a practical benefit upon all doing business with Michigan florists. In a case that recently came under our observation the L. S. & M. S. Ry. positively declined to accept a plant shipment at a transfer point because no certificate accompanied same, and as a result of the delay serious damage was done the plants. This would all have been avoided had the freight agent had official notification of the ruling above referred to.

A COPY of the advance premium list for the tenth annual exhibition of the Kentucky Society of Florists, to be held next November, has reached us. Copies may be had by addressing the secretary, Mr. H. Lichtefeld, 517 East Gray street, Louisville, Ky. C. H. Kunzman is president, and the committee in charge of the exhibition includes Jacob Schulz, Joseph Coenen and H. Lichtefeld.

PEKIN, ILL.—George A. Kuhl now has a total of twenty-three houses, containing 55,000 square feet of glass.

SUBSCRIBERS are requested to mail us items of general trade interest at any time.

Simplicity in Greenhouse Construction.

During our long experience we have not only made many improvements in greenhouses, but we have so simplified the construction that building a greenhouse is no longer a matter so full of complications as to tax the patience and the ingenuity of even the most intelligent mechanic. Our

Clear Cypress Building Material

is worked out in the best manner ready to be put up, and we furnish our customers such complete detail drawings that any workman of only ordinary capabilities can put it up correctly.

Write for Circulars
or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES:

We have the
LARGEST WHOLESALE
House in Chicago.

Orchids, High-Grade Roses,
Carnations and Violets.

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

M. RICE & CO.

NEW ILLUSTRATED CATALOGUE
FOR THE ASKING.

Exclusive Importers and
Manufacturers of

Florists' Supplies

25 N. Fourth Street, PHILADELPHIA, PA.

Mention The Review when you write.

1899

CONTRACTS

1899

Now I am open to quote prices on all Bulbs, Plants and Roots
for next season. Send in your list of wants for quotations.

F. W. O. SCHMITZ, JERSEY CITY, N. J.

Mention The Review when you write.

The MODEL Extension Carnation Support.

Read what some of our best growers say concerning it.

Buffalo, N. Y., Jan. 13, 1899.

Theron Parker. Dear Sir:—Your Model Carnation Support is the best thing I have yet tried. In fact, it is about ideal. I used it this winter on Scotts, Flora Hill, Mrs. Beal and Genesee. The principle is perfect, but experience may teach us that in some varieties, for instance, Daybreak, the lower ring might with advantage be two inches lower. If could afford the first cost, at once, I would not think of using anything but the "Model." Very respectfully yours, WILLIAM SCOTT.

Other testimonials will appear weekly. Write for prices.
THE MODEL PLANT STAKE CO.,
22 Morton Street, Brooklyn, N. Y.

Mention The Review when you write.

ORCHIDS....

Just received in fine condition.

CATTLEYA LABIATA, C. Dowiana, C. Skinnerii, C. Granulosa, Laelia anceps, L. a. alba and L. autumnalis; also Cattleya Mossiae and C. speciosissima, all direct from the Tropics.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

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PEACOCK'S New Dahlias

For 1899—Best New Varieties.
—Best Old Varieties.

Send for our New Illustrated Trade List before ordering elsewhere.

Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequalled record.

Best New and Standard Carnations

Beautifully illustrated and accurately described in our Trade List. Send for copy.

Surplus Stock of Mixed Dahlias

At right price. Also Dahlias under color. Correspondence Solicited.

W. P. PEACOCK, - Ateo, N. J.

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Palms and Ferns

The Largest Stock of Plants in the West.

Send us your name and we will keep you posted when we have anything special to offer.

GEO. WITTBOLD, 1708 N. Halsied St. CHICAGO.

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Vegetable Plants.

CELERY. White Plume, Golden Self-Blanching New Rose and other varieties, strong plants, 15c per 100; \$1.00 per 1000. If by mail, add 10c per 100.

CABBAGE. Il. Succession, Early Summer, Flat Dutch, Drumhead Savoy and other varieties, strong field plants, 15c per 100; \$1.00 a 1000; \$8.50 a 10,000. If by mail, add 10c per 100.

TOMATO, EGG and PEPPER in variety. Send for price list.

Chrysanthemums in good var., from 2 1/2-in. pots, \$2.00 per 100. Cash with order.

R. VINCENT, JR. & SON, White Marsh, Md.

Mention The Review when you write

COLEUS...

Verschaffeltij and Golden Bedder. Per 100, \$2.00; per 1000, \$15.00.

Satisfaction guaranteed. Cash with order.

GEO. L. MILLER, Newark, Ohio.

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EXTRA FINE LOT

Bostoniensis Ferns!

Ready for 5-inch pots.

Write **GEO. A. KUHL, Pekin, Ill.**

Wholesale Roses and Carnations.

Mention The Review when you write.

See **Prize Advertisement**

In previous issues. Two samples Seedling Carnation Plants sent free by mail on receipt of 10c. Send for circular. See our other advertisements.

American Rose Company, Washington, D. C.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.



51 Wabash Avenue,

CHICAGO.

W. S. HEFFRON, Mgr.

PRICE LIST--Taking Effect June 15.

ROSES.

Beauties, long, per doz. \$2.50—\$3.00
" medium, " " " " " 1.50—2.00
" short, " " " " " .75—1.25

Meteors, Maids, Brides, Kaisermis. Per 100 \$3.00—\$5.00
Perles, " " " " " " " 2.00—4.00
Roses, seconds, " " " " " " " 3.00—

CARNATIONS

ARE OUR SPECIALTY.

Fancy Varieties, fancily grown Per 100 \$2.00—
Ordinary Varieties, fancily grown. 1.00—\$1.50

Miscellaneous.

Marguerites, " " " " " " " Per 100, \$.50
Forget-me-not, " " " " " " " " 1.00
Callas, " " " " " " " " Per doz, 1.25
Harnisi, per 100, \$10.00 " " " " " 1.25
Valley, " " " " " " " " Per 100, 4.00
Fancies, " " " " " " " " " 4.50
Paeonies, " " " " " " " " Per 100, \$3.00—5.00

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1840 Old Colony Nurseries, 1899

HARDY SHRUBS, TREES, VINES, EVERGREENS and PERENNIALS.

A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap.

Trade list free on application.

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Smilax Plants.

SEEDLINGS.

From flats or transplanted. Write for prices.

GEO. SOUSTER, - ELGIN, ILL.

Mention the Review when you write.

Decorative.

ASPARAGUS.

Per string..... \$.50

FERNS.

Per 100, 35c per 1000, 3.00
Maiden Hair..... per 100, 1.00

GALAX.

Bronze and Green, per 100, 15 cents, per 1000, \$1.25

SMILAX.

Common..... per doz. \$1.50—2.00

All other flowers in season.

Above quotations are subject to change without notice. P. and D. at cost.

Extra select and inferior qualities charged for according to value.

Regardless of prices quoted all stock will be billed at lowest market rates.

Store open from 7:00 A. M., until 6:30 P. M. Sundays and Holidays closed at noon.

Asparagus Plumosus

Strings 10 feet long. 50 cents. **Nanus** Shipped to any part of the country.

W. H. ELLIOTT, BRIGHTON, MASS.

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ANTON SCHULTHEIS, P. O. Box 78, College Point, Queens Borough, N. Y. HEADQUARTERS FOR

PALMS and Decorative Plants in Quantity

Come, see Ericas (Heather), also Full Line of Other Flowering Plants and convince yourself. Price List on Application.

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E. H. HUNT
THE "OLD RELIABLE" FOR
**Wholesale
Cut Flowers**
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention the Review when you write.

DETROIT.

A large and enthusiastic meeting of the club was held on Wednesday evening last, at which the program of the convention was nearly completed and at our next meeting the details will no doubt be all finished. Space is being rapidly taken up. In the trade exhibit some of the larger exhibitors are taking whole sections, thus proving the wisdom of changing the hall. It looks now as if the one chosen would be small, but as there are no posts or columns in the floor to obstruct the view there is not a poor location in the hall, but those applying first, of course, secure first positions. There are so many places of interest that can be visited by the suburban roads within two or three hours' ride of Detroit that I shall write up a few of the most desirable ones, so that visitors to the S. A. F. convention may know something of where they can go while here, and would suggest that readers note the trips they wish to take, as it will save them much inquiry. We do not see much in the correspondence from the Queen's dominions about coming to the convention. Surely our Canadian brethren cannot miss this chance of coming to the S. A. F. meet when it is so near them and Toronto, London, Hamilton and Montreal should be well represented and no doubt will be. The S. A. F. will be sure of sufficient music in August, for the Tri-State Band tournament meets the same week.

RAG.

CLASSIFIED PLANT ADVS.

In this issue we inaugurate a new advertising department that will, we believe, be a great convenience to both buyers and sellers of plants. Here those wishing to purchase stock they lack can very readily find grouped together the latest offers of the plants wanted, and here offers can be made at a very moderate expense. If you have any stock to offer to the trade a small adv. in this department will place it under the eye of all possible buyers, and owing to the classification the smallest adv. will not be overlooked. If you have any extra stock of bedding plants offer them once, before the bedding season is over.

REINBERG BROS.
Wholesale Growers of
Cut Flowers
600,000 FEET OF GLASS.
No charge for packing.

Wholesale Price List.

AMERICAN BEAUTY		
Extra long stem, per doz.		\$3.00
24-inch stem.....		2.50
20 " " " " " "		2.00
15 " " " " " "		1.50
12 " " " " " "		1.25
8 " " " " " "		1.00
METEOR		per 100.
BEIDESMAID		3.00 to 5.00
BRIDE		3.00 to 5.00
PERLE		3.00 to 5.00
CARNATIONS		1.00 to 1.50
" fancy		2.00 to 3.00

Quotations subject to change without notice.
All other stock at lowest market prices.

Cut Flowers

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine . . .

AMERICAN BEAUTIES.

51 Wabash Ave., CHICAGO

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Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in CUT FLOWERS

Greenhouses at Hinsdale, Ill.

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19-21 E. RANDOLPH ST. CHICAGO

Our prices are as low as any
and our stock superior.
We ask for a trial order.

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A. L. RANDALL

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Wholesale Florist

4 Washington St., Chicago.

In our new and enlarged quarters we are better prepared than ever to handle your orders.

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BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists, Consignments Solicited.

41 Randolph St., CHICAGO.

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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St. CHICAGO, ILL.

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention Florists' Review when you write.



H. G. BERNING,

(Successor to St. Louis Cut Flower Co.)

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

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ELLISON & TESSON,

WHOLESALE SHIPPING

FLORISTS

3134 Olive Street, ST. LOUIS, MO.

...Home Grown Stock...

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Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO. Greenhouses; Pleasant Hill, Mo.

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Cincinnati Cut Flower Co.

W. A. MANN FRANK W. BALL

416 Walnut St. CINCINNATI, O. Wholesale Florists

Consignments Solicited. Special Attention Given to Shipping Orders.

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PEONIES Received Daily--White and Pink. We will have plenty for all until July 4th.

FLINT KENNICOTT,
President.

Hon. ROBT. REDFIELD,
Vice-President.

"If you are stuck and want anything, go to K. Bros. Co."

"If they have not got it, you are sure it is not to be had."

CHICAGO, ILL.
KENNICOTT BROS. CO.
Florists Talk About
Chicago
What

G. H. PIESER,
Secretary.

ED. E. PIESER,
Treasurer.

This Year's Customers Must be Ours Next Year.

THE PAN-AMERICAN.

There are indications that the Horticultural Department of the Pan-American Exposition to be held at Buffalo, in 1901, will be of much interest to the trade. Mr. William Scott has allowed his name to be presented as a candidate for the position of chief of the department and should the directors of the Exposition make this appointment it would assure a horticultural display of sufficient magnitude to be of widespread interest to the trade, as well as the general public.

Buffalo is certainly fortunate in having among its own citizens one possessing, as Mr. Scott does, that rare combination of technical knowledge and administrative ability so essential to the success of such a department. Such men are rarely willing to sacrifice their own business interests in order to advance the general good, and that is about what it comes to in the case of a man who has a large business of his own. All honor to Mr. Scott for the broad view he takes of his duty to his city and to horticulture.

LOUISVILLE, KY.

The last meeting of the Kentucky Society of Florists was held at the establishment of Joseph Coenen & Co. A good many members were present, and after the meeting refreshments were served and enjoyed by all.

The advance premium list for the fall show was given out and most all the florists in the city expect to take part in the show.

Nanz & Neuner and F. Walker & Co., the two largest wholesale florists here, report spring trade to be the best they have had for years. Most all the other florists are sold out.

F. Haupt had the decoration for the Ballard wedding at Christ church, and it was one of the best and largest decorations we have had for a long time.

Quite a number of florists are making additions or remodeling, notably Nanz & Neuner, Charles Reimers, Jacob Schulz, Joseph Coenen & Co., Henry Lichtefeld, H. Kunzman, George Schultz and Chris. Leightman.

J. E. Killen, New York, was a recent visitor.

MINNEAPOLIS, MINN.—The contracts have been let for the erection of the new horticultural and physics building at the State Agricultural College. The building, when completed, will have cost \$31,480.

FLEMING, N. Y.—Spring trade has been good; would have been better except for a fakir who places the legitimate florists at a great disadvantage.

ELGIN, ILL.—George Souster reports the best spring bedding plant trade in his whole business experience.

AURORA, ILL.—The C. B. & Q. R. R. is grading ground for another greenhouse soon to be erected.



REGULAR SHIPPING ORDERS RECEIVE SPECIAL ATTENTION.

WIETOR BROS.

Wholesale Growers of

CUT FLOWERS, 51 Wabash Ave. CHICAGO.

WHOLESALE PRICE LIST.

American Beauty, extra long stem, per doz. \$3.00	Meteor..... per 100, \$3.00 to \$5.00
" 24-inch stem... " 2.50	Bridesmaid..... " 3.00 to 5.00
" 20 " " " 2.00	Bride..... " 3.00 to 5.00
" 15 " " " 1.50	Perle..... " 3.00 to 5.00
" 12 " " " 1.25	Carnations..... " 1.00 to 1.50
" 8 " " " 1.00	" fancy..... " 2.00 to 3.00

Mention The Review when you write.

MCKELLAR & WINTERSON

Fall Bulbs OF ALL KINDS.....

Write for quotations on your wants now. Should you not receive our list, notify us and same will be mailed

FULL LINE OF ALL

Florists' Supplies, Cut Flowers, Etc.

MCKELLAR & WINTERSON, 45-47-49 Wabash Ave., CHICAGO, ILL.

Mention the Review when you write.

50,000 FIRST QUALITY FORCING ROSES.

READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last seven years, first-class and perfectly healthy in every respect.

WOOTTON	LA FRANCE	AMERICAN BEAUTY	PRESIDENT CARNOT
METEOR, BRIDESMAID, GONTIER, PERLE, KAISERIN,	BELLE SIEBRECHT,	SUNSET, MME. HOSTE,	BON SILENE, NIPHETOS, MERMET, BRIDE,
GRAFTED ROSES, BRIDE, BRIDESMAID, KAISERIN,			PRESIDENT CARNOT,

Mention The Review when you write.

J. L. DILLON, BLOOMSBURG, PA.

WHO WANTS THEM?

3,500 Bride Roses, 2 1/2-in. pots.....	Per 100 \$2.50
3,700 Bridesmaid Roses, 2 1/2-in. pots...	2.50
800 Smilax Plants, 2-in. pots.....	1.00

These are EXTRA FINE PLANTS. First come, first served. Remember a good thing don't last long.

CASH WITH ORDER.

MCDONALD & STEELE, CRAWFORDSVILLE, IND.

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Always Mention the... Florists' Review When Writing Advertisers

ROSES. The finest plants in the market. Brides, Meteors, Maids and Perles, \$3.00 per 100.

SMILAX. Strong, 2-in. pot plants, ready for planting, \$1.00 per 100; \$8.00 per 1000.

SOUTH SIDE FLORAL CO., SPRINGFIELD, ILL.

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Brides, Maids, Meteors, Strong, Clean Stock, ready for planting. 3-in., \$6 per 100, \$50 per 1000. 4-in., 10 " " " 500 at 1000 rate.

F. BURKI, Bellevue, Allegheny, Pa.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

SAMUEL S. PENNOCK, Wholesale Florist

Beginning June 19th to July 1st, will be open from 6:30 a. m. to 8 p. m.
During the summer, commencing July 1st, will close at 6 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention the Review when you write.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 705 Penn Avenue, PITTSBURG, PA.
FLORISTS' SUPPLIES. Write for Price List. Mention The Review when you write.

PHILADELPHIA.

Business has been very quiet the past week, due no doubt to the very warm weather. The thermometer registered 97 in the shade, making it difficult to get good cut stuff, especially roses. Small roses brought from \$2 to 4; the best bringing \$5; Beauties from \$2 to \$25. Carnations, 20 cents to \$1.50; smilax, \$15 to \$20; valley, \$2 to \$4; adiantums, \$1; paeonies, \$2 to \$4; cornflowers, 25 to 50 cents.

Richard Lange, of 19th and Ontario streets, has been laid up for the past seven weeks with rheumatism.

Among the visitors the past week we noticed Mr. and Mrs. J. S. Williamson, Memphis, Tenn.; Mr. Giles, of Hoskins & Giles, Reading, Pa., and Mr. Davis, of A. B. Davis & Son, Purcellville, Va. R.

GRAND RAPIDS.

Decoration day business was good. Trade averaged from 20 to 50 per cent better than last year and better prices were obtained for bedding stock and cut flowers. Verbenas, pelargoniums, feverfew, heliotrope, Paris daisies and fuchsias are little sought after and will be less grown another year, while geraniums, particularly S. A. Nutt, are the plants people want. All sorts are still salable, but they seem to be fairly crazy over S. A. Nutt and the stock is now exhausted for this season. Petunias, salvias and foliage plants still hold a prominent place in the affections of the plant buying public, while begonias are entirely out of date.

This is good growing weather for carnations. It is hot, but every few days we have a nice shower to make them move. GEO. F. CRABB.

A COPY of the tenth annual report of the Missouri Botanical Garden, St. Louis, has been received from Prof. Wm. Trelease, the director. As usual, there is a large number of botanical plates in this report, mainly of grasses, and there are a number of papers that are valuable contributions to botanical literature, in addition to the annual reports of the work of the garden.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ALTERNANTHERAS.

- Three varieties, 2½-inch, \$1.50 per 100.
Morris Floral Co., Morris, Ill.
- P. major and A. nana, 2-inch pots, \$2.00 per 100; \$15.00 per 1000.
Wm. Kidd, 2984 Atlantic av., Brooklyn, N. Y.
- From hot-beds, strong, 25 cents per dozen, \$1.00 per 100.
Seawanhaka Greenhouses, Oyster Bay, N. Y.
- Four varieties, per 100 \$1.50.
Wm. Stuppe, Hollis, L. I., N. Y.
- Rooted cuttings, A. nana and R. nana, 60 cents a hundred; \$5.00 a 1000. Cash please.
A. J. Baldwin, Newark, O.
- P. major, 2-inch pots, \$15.50 per 1000; A. nana, 2-inch, \$14.50 per 1000. 200 at thousand rates. Cash with order.
C. A. Harris & Co., Delanson, N. Y.

AMPELOPSIS.

- 4500 Ampelopsis Veitchii, from 5-inch pots, 5 to 6 feet high, fine, bushy plants, \$5.00 to \$10.00 per 100. 3000 Ampelopsis Veitchii, from 3-inch pots, 20-inch long, \$3.50 per 100. Reduction on 1000 lots. Cash with order from unknown correspondents.
F. S. Wiebe, New Rochelle, N. Y.
- 2000 Ampelopsis Veitchii, dormant, pot-grown, one year, 3 cents; 2 year, 6 cents. Cash with order.
Benj. Connell, West Grove, Pa.
- Ampelopsis Variegata, \$5.00 per 100.
A. & G. Rosbach, Pemberton, N. J.
- Ampelopsis Veitchii, 2-inch, \$2.00 per 100.
Geo. M. Emmans, Newton, N. J.

ASPARAGUS.

- A. Sprengerii seed \$1.00 per 100, \$7.50 per 1000. Delivery included.
H. H. Berger & Co., 47 Barclay st., N. Y.
- Asparagus Sprengerii, strong, 2½-inch pots, \$2.00 per 100. Cash or C. O. D.
C. Merkel & Son, Mentor, Ohio.
- Asparagus Sprengerii in 3, 4 and 6-inch pots. Lake View Rose Gardens, Jamestown, N. Y.
- Asparagus plumosus nanus, fine 2-inch pot plants, \$4.00 per 100. A. Sprengerii, 2-inch, \$3.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.
- Asparagus Sprengerii, seedlings, from soil, with fine tubers, ready for 3-inch pots. By mail, and we pay postage, \$2.00 per 100.
American Rose Co., Washington, D. C.
- A. plumosus nanus, 5-inch pots, \$20.00 per 100; 6-inch pots, \$25.00 per 100. Asparagus seed, home grown, \$1.00 per 100; \$9.00 per 1000.
W. F. Kasting, 481 Wash. St., Buffalo, N. Y.
- Asparagus Sprengerii, 2-in., 24 for \$1.50, mailed; \$4 per 100, express. 3½-in., 24 for \$2.50, mailed, \$7 per 100, express.
A. Blanc & Co., Philadelphia.
- A. plumosus, 2½-inch, \$5.00 per 100.
Morris Floral Co., Morris, Ill.

ASTERS.

- Sample's Asters, white, rose and shell pink, \$2 per 1000.
A. & G. Rosbach, Pemberton, N. J.

BEGONIAS.

- Double tuberous rooted, fine plants in 3½-inch pots, just ready to bloom, \$10.00 per 100.
F. R. Pierson Co., Tarrytown, N. Y.

BEGONIAS Continued.

- Tuberous, mixed colors, single, \$2.00 per 100. Mixed colors, double, \$5.00 per 100.
The Calla Greenhouses, Calla, Ohio.
- Rex, extra fine, from 4-inch pots, assorted, \$10.00 per 100. Vernon and Argentea guttata, from 2-inch pots, \$2.50 per 100.
Paul Mader, East Stroudsburg, Pa.
- Begonia manicata aurea, the finest of all the ornamental leaved begonias, \$5.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.
- Assorted, 3-inch pots, 60 cents a dozen, \$4.00 a hundred.
Seawanhaka Greenhouses, Oyster Bay, N. Y.
- Rex begonias, 2-inch, \$2.00 per 100; 3-inch, \$4.00.
Geo. M. Emmans, Newton, N. J.
- Alba picta, A. guttata, Feastii, and others, 2-inch, \$2.00 per 100. Cash please.
A. J. Baldwin, Newark, Ohio.
- 5000 Begonia Rex, 2-inch, \$4.00 per 100; 3½-inch, \$10.00 per 100. Louis Closson, \$4.00 and \$6.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.
- Ten varieties, 2½-inch, \$1.50 per 100; 3½-inch, \$4.00 per 100.
Morris Floral Co., Morris, Ill.

CANNAS.

- Fine plants, 3½-inch pots, Austria, Chas. Henderson, Florence Vaughan, J. D. Cabos, Queen Charlotte, Thos. S. Ware, Alphonse Bouvier, Creole, Francois Crozy, J. C. Vaughan, Paul Bruant, Admiral Courbet, Doyen J. Sisley, F. R. Pierson, John White, Paul Marquant, Burbank, Egandale, Italia, Oriole, Pres. Carnot, \$5.00 per 100.
Comte de Bouchard, Papa, Eldorado, \$8.00 per 100.
Wood Bros., Fishkill, N. Y.
- Fine plants from pots, \$5.00 per 100. Fr. Crozy, Mme. Crozy, F. R. Pierson, A. Bouvier, Fl. Vaughan, Queen Charlotte, Paul Marquant, Austria, J. D. Cabos, Pres. Carnot. Cash with order.
Jas. Ambacher, Poole ave., Long Branch, N. J.
- Dry roots, assorted, 50 cents a dozen, \$2.50 a hundred.
Seawanhaka Greenhouses, Oyster Bay, N. Y.
- Best bedding sorts, 3-inch, \$3.00 per 100.
Geo. L. Miller, Newark, Ohio.
- Mixed, leaves 6-inch high, from soil, \$3.00 per 100.
Richard Insell, W. Moorestown, N. J.
- Cannas, cheap if ordered soon.
Samuel C. Moon, Morrisville, Pa.
- Ten leading varieties, from flats \$30 per 1000.
John Scott, Keap St., Brooklyn, N. Y.
- Cannas, mixed, 3-inch pots, \$3.00 per 100. Send for sample. Cash with order.
Fred. Boerner, Cape May City, N. J.

CARNATIONS.

- 5000 Scott, McGowan and Portia, from soil, fine stock, \$10.00 per 1000.
Benj. Connell, West Grove, Pa.
- From 4-inch pots, fine stock, \$12.00 per 100.
Wood Bros., Fishkill, N. Y.
- New Carnation Alma. The originator, Mr. Caspar Aul, has at last decided to let it go, color a little deeper than Argyle, but brighter. It has produced more flowers than any variety we have, tested five years. \$1.50 per doz.; \$8.00 per 100; \$70.00 per 1000.
C. Merkel & Son, Mentor, Ohio.

CARNATIONS—Continued.

- Strongly rooted and must be sold to make room. Flora Hill, Armazindy, Mayor Pingree, \$2.00 per 100; \$15.00 per 1000.
Harrison's White, Portia, Scott, Eldorado, Rose Queen, McGowan, \$1.25 a 100; \$10 a 1000.
Jos. Renard, Unionville, Chester Co., Pa.
- Rooted Cuttings from sand and soil, good, strong, clean stock. Scott, Daybreak, Portia, Alaska, \$1.50 per 100; McGowan, Albertini, \$2.00 per 100; Genesee, \$2.50 per 100. New York, Evelina, \$5.00 per 100.
Lake View Rose Gardens, Jamestown, N. Y.
- From 2½-inch pots. Flora Hill, Jubilee, Triumph and Morello at \$2.25 per 100. Albertini, Bridesmaid and Kohinoor at \$1.60 per 100. Rose Queen, Peach Blow, Wm. Scott, L. McGowan and Meteor at \$1.25 per 100.
Logan Ave. Greenhouses, Danville, Ill.
- Last Call. Rooted cuttings from soil, 500 John Young, 500 Empress, \$2.50 per 100; \$20.00 per 1000. 500 Albertini, 2000 Victor, \$1.50 per 100; 12.50 per 1000. 250 Alba Superba, \$1.50 per 100. 500 McGowan, \$1.00 per 100; \$8.00 per 1000. Cash with order.
John Hackett & Co., 62d st., Philadelphia, Pa.
- Maud Dean, H. White, Alaska, Meteor, \$2.00 per 100.
Alvah L. Reynolds, Madison, N. J.
- Scott, Alaska, well established plants, \$1.00 per 100. Cash with order.
Chas. H. Proctor, W. Milford, N. J.
- New hybrid Carnation Vulcan. A first class summer flowering variety, flowers medium size, a pleasing shade of red, \$5.00 per 100.
C. Eisele, 11th and Jefferson Sts., Phila., Pa.
- A few varieties still left. Order quick if wanted.
H. Weber & Sons, Oakland, Md.
- Anne Boleyn Pink, rooted cuttings from sand at \$7.50 per 1000. Cash with order.
C. Soltau & Co., 199 Grant av., Jersey City, N. J.
- Carnation Cuttings all sold. Field grown plants for fall delivery.
F. Dorner & Sons Co., Lafayette, Ind.
- Rooted Cuttings all sold. We are booking orders for field grown plants.
Geo. Hancock & Son, Grand Haven, Mich.
- See our Prize Advertisement in previous issues. Two samples seedling carnation plants sent free by mail on receipt of 19 cents. Send for circular.
American Rose Co., Washington, D. C.
- Best new and standard carnations, beautifully illustrated and accurately described in our trade list. Send for copy.
W. P. Peacock, Atco, N. J.

CHRYSANTHEMUMS.

- Introductions of 1898, \$5.00 per 100; \$10.00 per 1000. 50,000 plants, standard varieties, \$3.00 per 100; \$25.00 per 1000.
The Cottage Gardens, Queens, N. Y.
- Fine plants from soil, ready for 3-inch pots, at \$2.50 a 100. Glory of the Pacific, Bonaffon, White Ivory, White Queen, Merry Monarch, Gloriosum, J. E. Lager, Mrs. J. Jones.
Jas. Ambacher, Poole av., Long Branch, N. J.
- If you want to grow cut 'Mums for profit for an early pure white, I recommend you, by my own experience, to grow the Merry Monarch. The first flowers, which are very large, bring from \$1.50 to \$3.00 per dozen, and the large number of side shoots which come out afterwards, often from 25 to 40 on one plant, bear also large flowers for funeral designs, which make it very valuable. Strong rooted cuttings now ready, \$2.50 per 100; \$20.00 per 1000. Cash with your order, please.
Godfrey Aschmann, Rising Sun, Phila., Pa.

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CLASSIFIED PLANT ADVERTISEMENTS CONTINUED.

CHRYSANTHEMUMS Contd.

Strong, healthy stock. Pennsylvania rooted cuttings. \$15 a 1000, from 2 1/4 inch pots, \$20 a 1000. Miss Georgiana Pitcher, General Woodford, and 30 other leading varieties. Rooted cuttings, \$10.00 per 1000; plants from 2 1/4 inch pots, \$15.00 per 1000. Cash with order, please. Emil Leully, West Hoboken, N. J.

Six good ones, 2 1/4-inch, \$2.00 per 100. Morris Floral Co., Morris, Ill.

Frank Hardy, Modesto, Bonnaffon, \$2.50 per 100. First class stock. Alvah L. Reynolds, Madison, N. J.

Merry Monarch, Phoebe, Modesto, Philadelphia, Whilldn, V. Morel, M. Dean, Bonnaffon, Yanoma, Pink and White Ivory, L. Canning, 2 inch, \$2.00 per 100. Yellow Ivory and Pennsylvania (new), 50c. per doz. J. G. Eisele, 20th & Ontario sts., Phila., Pa.

Mrs. H. Robinson, Glory of the Pacific, J. Jones, E. Daillidouze, and other good varieties, 2 1/2 in., \$2.50 per 100. A. J. Baldwin, Newark, Ohio.

Now is the time to plant them. Your early ones should be planted at once. Send for our list and let us figure on your order. Our plants are in extra fine shape. A good plant to begin with is half the battle. H. Weber & Sons, Oakland, Md.

Leading Mums: Yellow—Bonnaffon, Modesto, Johnson, Jones, Golden Trophy, Ethel Buettner, Sunderbruch, Ribman, Maud Adams, W. H. Lincoln, Yellow Queen, Golden Wedding, Henderson, Pink—Perrin, Ivory, Jones, Vivand-Morel, Murdock, Glory of the Pacific, Marquis de Montmort, White—Mayflower, Geo. S. Kalb, Ivory, Robinson, Jones, Iron Woodford, Gretchen Buettner, Schrimpton, Lottie Berry, Minnie Wanamaker, Fitzwygram, Bergman, Red—Mrs. J. H. Weeks, Defender, 2 1/2 in., \$2.50 per 100; \$20.00 per 1000. Fochlmann Bros., Morton Grove, Ill.

In good variety, from 2 1/2-inch pots, \$2.00 per 100. Cash with order. R. Vincent, Jr. & Son, White Marsh, Md.

500 Bonnaffon, 500 Mrs. Jerome Jones, 500 Ivory, from 2 1/2-inch pots, \$15.00 per 1000. P. Kreismann, 27 Market St., Chicago.

Novelties and standard varieties. Healthy young stock for benching. Send for list of varieties and prices. Nathan Smith & Son, Adrian, Mich.

COLEUS.

Verschaffeltii, Golden Bedder and mixed varieties, from 2 1/2-inch pots, \$2.00 per 100. Nicholas Amos, Crestline, O.

Best bedding varieties, 2 1/4-inch, 50 cents a dozen, \$2.00 per 100. Seawanhaka Greenhouses, Oyster Bay, N. Y.

Fine plants from 2 1/4-inch pots, \$2.00 per 100. Rooted cuttings 50 cents per 100, free by mail. Mrs. M. Cavanaugh, Ionia, N. Y.

Leading sorts, 2 1/4-inch pots, \$3.00 per 100, 3-inch pots \$5.00 per 100. Wood Bros., Fishkill, N. Y.

Golden Bedder, 2 1/4-inch pots, \$2.00 per 100. Richard Insall, W. Moorestown, N. J.

Ten best bedders, 2 1/4-inch, \$1.50 per 100. Morris Floral Co., Morris, Ill.

Verschaffeltii and Golden Bedder, \$2.00 per 100; \$15.00 per 1000. Satisfaction guaranteed. Cash with order. Geo. L. Miller, Newark, Ohio.

Coleus, mixed, 60 cents per 100; \$5.00 per 1000. Cash or C. O. D. See other stock in our general adv. in this issue. Greene & Underhill, Watertown, N. Y.

DRACAENAS.

Dracaena Indivisa, one of the most useful plants for center of vases, baskets, etc. We have a fine stock, which we can supply as follows: Small plants, 3 1/2 in. pots, 15-18 in. high, \$1.50 per doz. Extra strong plants, 6 in. pots, 2 to 2 1/2 ft. high, \$6.00 per doz. P. R. Pierson Co., Tarrytown N. Y.

Dracaena Indivisa, all sizes of plants from \$10.00 per 100 up. Cash with order. C. Soltau & Co., 199 Grant av., Jersey City, N. J.

Dracaena Indivisa, quality unexcelled and in any quantity. 7-inch pots, 2 1/2 feet high, \$75.00 per 100; 8-inch pots, 3 feet, \$100.00 per 100; 8-inch pots, 3 1/2 feet, \$125.00 per 100; 9-inch pots, 3 1/2 to 4 feet, \$18.00 per dozen. Measurements all above the pots. John Scott, Keap St., Brooklyn, N. Y.

Dracaena Indivisa, from flats, 50 cents per dozen \$3.00 per 100. Paul Mader, East Stroudsburg, Pa.

FERNS.

Boston Fern, we have a large stock in large sizes, which we can supply as follows: Fine strong plants, 8 in. pans, \$9.00 per doz.; extra strong plants, 10 in. pans, \$1.00 to \$1.50 each, according to size. F. R. Pierson Co., Tarrytown N. Y.

Japanese Fern Balls, one of the most striking and best paying introductions of recent years. Of easy growth and utilizing none of the space required for other plants, being suspended from the rafters. Orders for next winter and spring delivery booked now. Suzuki & Iida, 11 Broadway, New York. Main office: 3 Nakamura, Yokohama, Japan.

Nephrolepis Washingtoniensis. Orders for this valuable new fern are now requested by the raiser. It is probably the most distinct variety of its class, and will be as extensively grown and admired as its elegant companion from Boston. The plant sent to Kew Gardens, England, for identification was described by the director there as "a variety of N. Splendens," a plant known to Botanists, but not in commerce. Its habit is boldly upright, fronds covered with silvery scales (very woolly in seedlings), grows seven to ten feet high, broad and massive, and makes a most desirable decorative pot plant. Requires a cool house, grows and propagates freely; it is very hardy, not at all brittle, and gives a very fine effect among long stem roses when cut fronds are used. Strong plants in 5-inch pots, \$2.00 each; \$15.00 a dozen. 4-inch pots, \$1.00 each, \$9.00 a dozen. 2-inch pots, 50 cents each, \$40.00 a hundred. A few large plants, 8 and 10-inch, \$5.00 to \$10.00 each. John H. Ley, Good Hope, Washington, D. C.

Fern Spores. We make a specialty of supplying the trade with fresh Fern Spores, saved at our own nurseries. By exercising a little care and sowing only the right varieties, you can quickly work up a good stock of small Ferns that are indispensable for many kinds of florist work. We furnish with all orders plain, simple directions for cultivating. Mixed Spores, sufficient for 3000 plants, \$1.00; collection of 12 best varieties, each in a separate envelope, postpaid, for \$5.00. Emerson C. McFadden, Short Hills, N. J.

I have about 20,000 ferns in fine assortment, from 2-inch pots, in fine condition, \$3.00 per 100; \$27.50 per 1000. John Bader, Troy Hill, Allegheny, Pa.

500 Nephrolepis cordata, sword fern, 2 and 2 1/2 inches, \$3.00 per 100. Cash with order. Geo. M. Emmans, Newton, N. J.

Boston ferns, 6-inch pots, \$6.00 a dozen. John Scott, Keap St., Brooklyn, N. Y.

Nephrolepis Exaltata Bostoniensis. The handsomest decorative plant in cultivation, \$5.00 per 100; \$40.00 per 1000. Mine is the genuine stock. Fred C. Becker, Cambridge, Mass.

FERNS Continued.

Aspidium proliferum (lace fern), the best all around fern in existence, \$5 per 1000. A. & G. Rosbach, Pemberton, N. J.

Extra fine lot of Bostoniensis Ferns, ready for 3-inch pots. Geo. A. Kuhl, Pekin, Ill.

GERANIUMS.

Geraniums, double and single, 4-inch pots, \$7.00 per 100, 3-inch \$5.00, 2 1/2-inch \$4.00. Ivy, fine variety, 4-inch \$8.00, 2 1/2-inch \$3.00. Wood Bros., Fishkill, N. Y.

The following from 2-inch pots, \$3.00 per 100; \$25.00 per 1000: Surprise, Triumph de Nancy, Peach Blossom, Mme. Bruant, McMahon, Silver Queen, Camille de Gerardine, Beauté Poitevine, Bonnatt, Mrs. E. G. Hill, Mme. de La Roux, Agnes Kelway, Mme. Buchner, Comtesse de Harcourt. The following at \$4.00 per 100: Alphonse Riccard, Mme. Jaulin, H. Lauthenay, Griffith, Camille Bernardine. The Cottage Gardens, Queens, N. Y.

Geraniums, white, pink and scarlet, single and double, 2-inch pots, 75 cents per dozen, \$4.00 per 100. Seawanhaka Greenhouses, Oyster Bay, N. Y.

First class assortment, from 2-inch pots, \$3.00 per 100; 3 1/2-inch pots, \$6.00; 4-inch, \$8.00. Mars stock plants, \$3.00 per dozen. Cash with order. John Reck, Bridgeport, Conn.

1000 Single Grant, 2-inch, fine, \$4.00 per 100. Geo. M. Emmans, Newton, N. J.

2 1/2-inch, bud and bloom, double red, white and pink, \$2.00 per 100. Richard Insall, W. Moorestown, N. J.

Leading sorts, from 4-inch pots, fine plants, \$1.00 per 100. Cash with order. E. B. Jennings, Southport, Conn. Lock box 254.

Ivy Geraniums, Souv. de Chas. Turner, extra fine, in bud and bloom, 4-inch, \$6.00 per 100. Rose and Mrs. Taylor geraniums, 2-inch, \$2.00 per 100. A. J. Baldwin, Newark, O.

La Favorite and Mme. Sallerol, 2 1/2-inch pots, \$2.00 per 100. Wm. J. Chinnick, Trenton, N. J.

Fine plants from 2 1/2-inch pots, Silver Leaf and Mrs. Pollock, \$4.00 per 100; Mrs. Parker, Happy Thought and Freak of Nature, \$6.00 per 100; Rose scented from 2-inch pots, \$4.00 per 100. Rooted cuttings, mixed, \$1.25 per 100; Mme. Sallerol, \$1.25; Silver Leaf, \$1.50; Rose, \$1.50; Mrs. Pollock, \$2.00; Freak of Nature, \$4.00; Mrs. Parker, \$4.00; Happy Thought, \$3.00; Mars, \$3.00; Mme. Bruant, \$2.00; Ivy, \$1.50. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

Geraniums named, 2 1/2-inch, \$1.50 per 100. Happy Thought, \$2.00 per 100. Morris Floral Co., Morris, Ill.

Bedding geraniums, 4-inch pots, \$6.00 per 100; 3-inch, \$4.00 per 100. First class stock Crabb & Hunter, Grand Rapids, Mich.

ORCHIDS.

Just received in fine condition. Cattleya Labiata, C. Dowiana, C. Skinnerii, C. Granulosa, Laelia, aneeps, L. a. alba and L. autumnalis; also Cattleya Mossiae and C. speciosissima, all direct from the Tropics. Lager & Hurrell, Summit, N. J.

Cattleya labiata, fresh imported plants in splendid condition, at 12 cents per bulb. Oncidium varicosum Rogersii, \$15.00 per dozen. Cattleya Warneri, fresh imported plants, with one good lead, at \$2.00 each. Cash with order. Adolph A. Sachs, 96 Hudson ave., Hoboken, N. J.

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CLASSIFIED PLANT ADVERTISEMENTS CONTINUED.

PALMS.

Latania Borbonica. We can supply a fine lot of extra sized plants, suitable for lawn or hotel decoration, plants 2 to 4 ft. high extra heavy, \$1.00 to \$3.00 each, according to size.

F. R. Pierson Co., Tarrytown, N. Y.

Palm seed, fresh on hand. Coeos Weddelliana, \$1.00 per 100, \$8.00 per 1000, \$22.50 per 3000. Kentia Bismoreana, \$1.00 per 100, \$6.50 per 1000, \$17.50 per 3000. Latania borbonica, 50 cents per 100, \$2.50 per 1000, \$6.50 per 3000.
J. L. Schiller, 404 E. 34th St., New York.

Palm Seed, *Areca lutescens*, fresh, 75 cents per 100, \$6.00 per 1000.
H. H. Berger & Co., 17 Barclay St., New York.

My entire stock of palms for sale at a bargain. New wholesale list ready. Send for it.
W. J. Hesser, Plattsburgh, N. Y.

Latania Borbonica, 2-inch pots, 60 cents per doz.; \$4.00 per 100, 4-inch pots, \$2.50 per doz.; \$20.00 per 100, 5-inch pots, extra fine, \$4.75 per doz.; \$35.00 per 100, 6-inch pots, \$9.00 per doz.; \$70.00 per 100, 8-inch pots, from \$1.50 to \$2.25 per plant; \$16.00 to \$24.00 per doz. Fine specimen plants, from \$3.00 to \$5.00 apiece.

Areca lutescens, 4-inch pots, \$25.00 per 100. Fine large plants from \$5.00 up.
Kentia Bismoreana and Forsteriana, 4-inch pots, \$35.00 per 100; 5-inch pots, \$50.00 to \$75.00 per 100; 6-inch pots, \$1.00 to \$1.25 apiece. Large plants from \$3.00 to \$10.00 apiece.

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Latania borbonica, 3-inch pots, \$1.25 per doz.; \$10.00 per 100, 3-inch pots, \$5.00 per doz.; \$40.00 per 100, 6-inch pots, \$9.00 per doz.; \$75.00 per 100. Phoenix *reclinata*, 5-inch pots, \$7.50 per doz.; \$60.00 per 100.
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Reinberg Bros., 51 Wabash ave., Chicago.

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10,000 plants from pots, \$1.50 per 100. Send for sample.
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A. J. Baldwin, Newark, Ohio.

Vinca Var., extra long, 2½-inch, \$2.50 per 100; 3-inch, \$4.00; 3½-inch, \$6.00; 4-inch, \$10.00; 5-inch, \$15.00. Cash or C. O. D.
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By the Cottage Gardens, Queens, N. Y.—Governor Roosevelt.—In color a pure, bright maroon. Size of flowers, 3 to 3 3/4 inches in diameter; stem, 2 to 3 feet long; strong and vigorous. Foliage, broad, resembling that of Portia.

By John H. Sievers & Co., San Francisco, Cal.—California Gold.

By Philip Heilig, Franklin, Pa.—Philip Heilig, Jr.—In color a deep American Beauty pink, streaked and speckled with deep cerise. Strong clove fragrance, large, high built flower, 2 3/4 to 3 inches in diameter. Very effective by artificial light. Petals oval, round and slightly fringed. Strong calyx, a 24 to 30 inch stem, self supporting. A strong grower, with dark green foliage. Parentage Daybreak and J. J. Harrison.

By the same parties.—Keystone.—In color a peach yellow, pencilled with carmine. Flower large, finely fringed and on a 28 to 36 inch stem that is as stiff as bamboo. A strong grower, with narrow, light green foliage. Rust proof and self supporting. Must be grown on center bench. Parentage, Eldorado and Thomas Cartledge.

A complete list of names, revised to Feb. 1, 1899, can be had by applying to the secretary, and will be found very useful when you come to select a name for your new seedlings.

ALBERT M. HERR,
Lancaster, Pa., Secretary.

SPRINGFIELD, MASS.

SPRINGFIELD, MASS.—The amateur horticultural society voted at its meeting last evening to abandon the idea of holding a rose show in this city this month. The weather has been so dry and warm and all conditions so unfavorable that the roses would not be as perfect as desired, and it was decided to put all the energies of the society into the dahlia show, which will be held in the fall. A number of prominent growers of dahlias will have exhibits at the show. The directors of the society also voted to hold no meetings during July and August.

WE WOULD LIKE very much to have a complete and accurate list of the names and addresses of the florists of America and to this end will ask each subscriber to kindly send us an accurate list of those in the trade in his or her city or town. By complying with this request you will confer a great favor on the publishers.

IF YOU DO a wholesale business, you should not fail to have an adv. in the Florists' Manual, by Wm. Scott. Write for circular giving rates, etc.

WHENEVER you need any rare supplies not offered in our advertising columns, write us about it. We will place you in communication with some one who can supply what you want.

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10	3 1/2-in., 4.00

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Iresines, 2 varieties	2 1/2-in., \$1.50
Coleus, 10 best bedders	1.50
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Sweet Alyssum, Little Gem	2 1/2-in., 1.50
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Chrysanthemums, 6 good ones	2 1/2-in., 2.00
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Geranium, Happy Thought	2.00
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Pelus	1.50
Pansy Plants, in bloom	4.00
small, per 1000	\$4.00
Chinese Primula Seed, trade pkt	50

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WANTED—At once. Single florist, reliable and good worker. \$20.00 per month and board. Jos. Labo, Joliet, Ill.

SITUATION WANTED—By an A1 florist; twenty years' or more experience in all branches; up to date with mums, carnations and roses; good references. Address at once, D. Honaker, Georgetown, Ky.

WANTED—A good plant novelty. Address Novelty, care Florists' Review.

WANTED—I want to rent, with privilege of buying at end of first year, a medium sized greenhouse, in good condition. West preferred. Address 50, care of Florists' Review.

FOR SALE—Two second-hand upright Hitchcogs boilers in good condition. Address E. Eham, Joliet, Ill.

FOR SALE OR RENT—Four greenhouses and dwelling; good retail stand. A. Claus, Springfield, Ill.

WANTED—Young lady florist for retail store; references required. Address Retail, Box 775, Milwaukee, Wis.

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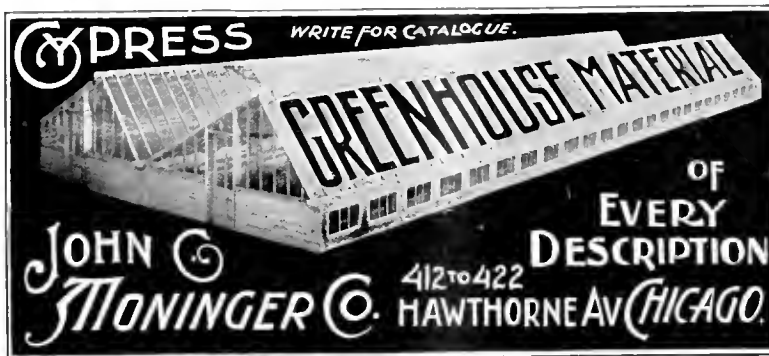
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Nitratin consists of bacteria obtained in the first place from the nodules of leguminous plants, and subsequently increased in numbers by a process of cultivation prescribed by two eminent scientists, Professors Nobbe and Hiltner. The bacteria referred to are present in all fertile soils, and attach themselves to the roots of the growing plant, and thus lead to the formation of the nodules. When thus associated with the roots of leguminous plants they assimilate free nitrogen from the ground air, and form nitrogenous compounds, which are used by their hosts for the purposes of growth. This accounts for the fact that leguminous crops are usually regarded as independent of artificial supplies of nitrogenous manures; and some idea of the amount of useful work carried on by these bacteria may be formed from the consideration that, although a large quantity of nitrogen (ninety-eight pounds in an average crop of beans) is removed with the crop, there yet remains in stubble and root a large supply of nitrogenous compounds, and the soil is left richer in nitrogen than it was before the growth of the crop. It is quite possible that some soils are more or less deficient in these bacteria, and may therefore be made to bear heavier leguminous crops by applications of nitratin. It should also be remembered that a heavier leguminous crop implies a greater yield also from the succeeding crop, and therefore the action of this fertilizer is a matter of some interest to the cultivator. In the experiments carried out by Professors Nobbe and Hiltner the best results were obtained by supplying the various leguminous plants with bacteria derived from the nodules of their own particular species. Twenty-two kinds of nitratin are to be obtained, one for each of the kinds of leguminosae usually cultivated, and there are two ways of applying it, viz., to the seed and to the soil.—Gardeners' Magazine.

CLEMATIS DISEASE.

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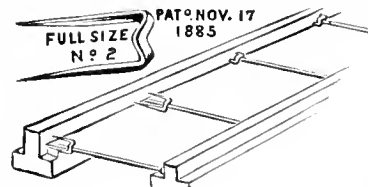
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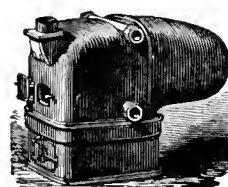
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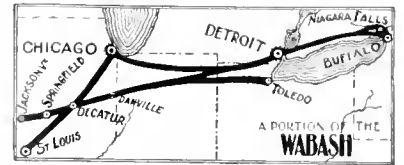
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G. L. GRANT, EDITOR AND MANAGER.

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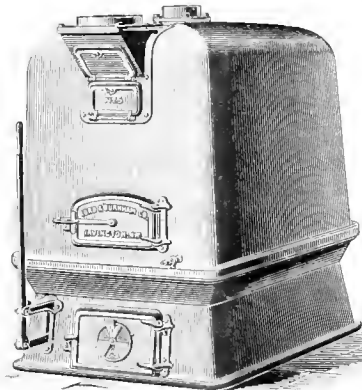
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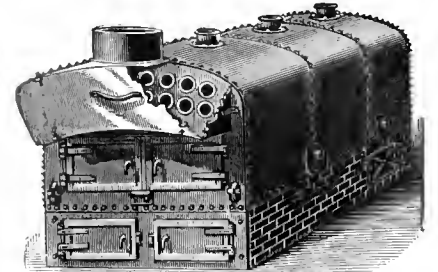
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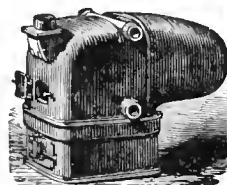
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Vol. IV.

CHICAGO AND NEW YORK, JUNE 22, 1899.

No. 82.

CHRYSANTHEMUM NOTES.

Insects.

Insects are beginning to get in their fine work and the cares of the mum grower may be said to be fairly under way. Black fly is generally the worst pest, but this year it has not been as bad as the yellow fly, which is very numerous and disfigures the young

tended on that account. We have another lively little insect here that I am not bugologist enough to know the name of, but it destroys fly by wholesale. It is small, of a violet color with two orange stripes. It deserves another, the stripe of good conduct, for I have seen a few of them keep a bench clean for a whole season.

Caterpillars are another pest that

give a hen several sittings and win in a walk. The eggs are deposited in a circle on the under side of the leaf, and if you can catch the larvae before they spread over the plant, the damage is slight but keep your eye on them for their appetites are a caution. Every insect that comes along seems to be on the visiting list of the poor old mum, and the length of his stay will be in accordance with the reception you give him. Pretty soon the grasshoppers will be on hand to clean off what foliage the caterpillars left.

Some of the early planted stock is now "making its first break" as some professionals term it. When this occurs rub out the bud, and take up the best of the shoots that appear beneath it. It will invariably be found that the second or third shoot below the bud is the best to keep, because the one immediately beneath nearly always, if retained, will make a short growth of several inches and then throw another bud. Some varieties, like Mrs. Weeks, make a very long growth before they will throw a bud, while others in the same length of time will make several, which only goes to show that plants, like men, have their individual peculiarities.

In this torrid weather the plants should be syringed two or three times during the course of the day. Spray over the glass, and paths, and everywhere to keep down the temperature. The air should be left on full, night and day, and the doors left open so the breeze can blow right through. So many houses are built without bottom or side ventilation, but we regard it as indispensable in growing mums.

Plants that are being grown in pots should, if possible, be plunged up to the rims in coal ashes, or some other material of a similar description. This will keep them from drying out so rapidly, and the roots being kept cool the plants do much better in consequence.

BRIAN BORN.



View in the store of Volk & Stewart, Milwaukee, Wis.

foliage worse than the black fellow. Being almost the color of the foliage, they are not noticed so easily as black fly, so look carefully right into the tips of the plants. Tobacco in any of its forms, properly applied, will clean off all the varieties of fly.

Remember too, that the lady bug does valuable work in the way of keeping down fly, and should be pro-

nobly fulfill the Scriptural injunction to increase and multiply. This would seem to be one of their bad years. Begin at the root of the evil and pick the heads off all the butterflies you catch in the houses, before they have time to lay their eggs. I don't know how many eggs a butterfly lays in a season. A hen is said to lay about 300, but I guess a butterfly can



Prices of Flowers.

It is not altogether what we have to pay for flowers, but what we should charge for them, that gives us food for thought betimes, and though many refrain from discussing the matter through fear of giving away secrets, we wish to state that there can be no harm in telling the retailers what the public already know. These columns are intended to be useful and if we do not touch upon a subject on which you wish information, ask the question and we shall answer it.

The matter of retail prices of flowers is a very difficult subject to deal with, because the condition of the market, the number of the fakirs and the numerous degrees or classifications of our trade compel us to have prices to suit each section of a city. The first class trade of every high class store demands the best the market can offer, and very often despises what growers consider grand. The regular customer knows a good flower when he sees it and shuts his ear to your praise of it. Many are willing to pay good prices, and the prices in the best stores are changed very seldom for the reason that it is hard to get good, perfect flowers, and you can get \$3.00 per dozen from some classes just as easily as you could \$1.00, in fact, the higher you charge without appearing exorbitant, the more they will be assured you have given them the best. Of course, there are a great many wealthy people who will buy from a fakir in the street, but when they are particular, and that is most of the time, they come to you and pay your price. Others will haggle and compare your finest flowers to the peddler's, and it's very hard to show such any patience, but we must do so, and politely, though forcibly, refute their assertions. Some have accounts and pay annually; you are justified in charging top price as interest on your money. It is not the best policy to soak your good customers; they have a trick of trying others and comparing prices, and still others refuse to pay you the amount of money you have squandered on furnishings. One might go on reviewing the different species

of customers for an indefinite period, but what is the use when they are well known to you all? 'Tis only for the beginners (and they are very numerous) that I mention a few.

In the North we are familiar with the persons who come in the store for a rose and tell you that they could get a barrow-full in California for the price you charge them. South America, the land of perpetual and everlasting beauty, with its wealth of roses, etc., where armfuls of the finest flowers can be had for nothing, is often held before the wondering gaze of some New York florist who has the audacity to charge \$1.00 for a rose in midwinter. Ah, yes, don't forget the Floridian also who depicts to you the splendor of his orange blossoms and palm groves. But these people know not the conditions upon which we exist, and we envy them not their paradises. The condition of the cut flower market of North America may change a great deal more than the prices—that is to say, the retail value of stock is more stationary than the wholesale, and what is charged in one city is under like conditions charged in most cities.

A great difference is often perceptible in places where there is an over-supply and the peddlers ruin trade. Wholesalers defend the fakirs on account of their being a relief to a stagnant market, but they are a curse to every retailer, and their end of the line is as important as others, and more so, and sooner or later must be demonstrated forcibly. Let us look at the situation in New York. It would be difficult to count the Greek peddlers here; they are in swarms; they parade in front of your store or stand at the corner and offer flowers oftentimes as good as yours for less than you paid for yours. The injustice of the thing is apparent, but the remedy is either unlawful or impracticable. Many of them work on the padrone system; one buyer supplies many of them, and they usually get stock at their own price. Just now they sell short stem Jacques at 15 cents per dozen, long ones 25 cents; mixed roses at from 15 to 25 cents per dozen; carnations, 15 to 25 cents per dozen; sweet peas, corn

flowers and such stock, 5 cents a bunch of one dozen. The stores of New York or any of our large cities may be arranged into six classes, but for the present we will put them into three, with the prices usually charged for stock at the present time. A vast difference may sometimes occur in the quality of the flowers offered in each class, but the grade of customers expect to pay the prices named. Most stores carry two grades, the finest and the seconds, and we give the average price for each.

FIRST CLASS STORE.

Cattleyas, \$7.50 to \$9.00 per doz.
 Spray orchids, 15 to 25 cents each flower.
 Stephanotis, 25 to 50 cents each corymb.
 Valley, 75 cents per doz.
 Beauties, finest, \$7.50; seconds, \$5.00 per doz.
 Brunners, finest, \$5.00; seconds, \$3.00 per doz.
 Mixed outdoor roses, from \$2.00 to \$5.00.
 Brides, \$1.50 to \$2.00 per doz.
 Maids, \$1.50 to \$3.00 per doz.
 Meteors, \$1.50 to \$3.00 per doz.
 Morgans, \$1.00 to \$1.50.
 Peas, cornflowers and such, 15 to 25 cents per bunch.
 Carnations, 50 to 75 cents per doz.
 Harrisii, \$2.00 to \$3.00 per doz.

SECOND CLASS STORE.

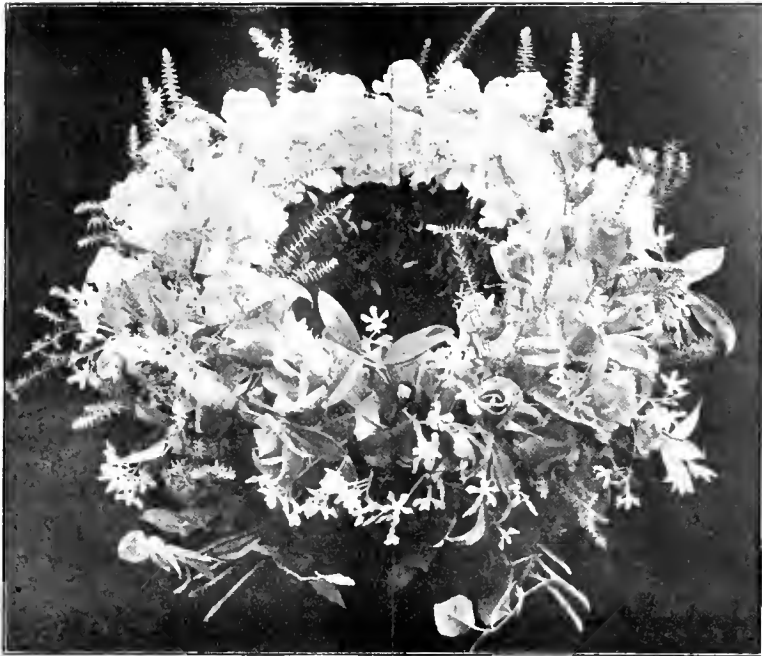
Cattleyas, \$5.00 to \$7.50 per doz.
 Spray orchids, 10 to 15 cents each flower.
 Valley, 50 cents per doz.
 Beauties, \$5.00 and \$3.00 per doz.
 Brunners, \$4.00 and \$2.00 per doz.
 Mixed outdoor roses, \$1.00 to \$3.00.
 Brides, 75 cents to \$1.00 per doz.
 Maids, 75 cents to \$1.25 per doz.
 Meteors, 50 cents to \$1.00 per doz.
 Morgans, 50 to 75 cents.
 Small roses, 50 to 75 cents.
 Peas, cornflowers and such, 10 to 15 cents per bunch.
 Carnations, 35 to 50 cents per doz.
 Harrisii, \$1.00 to \$2.00 per doz.

THIRD CLASS STORE.

Valley, 35 cents per doz.
 Beauties, \$2.00 and \$1.00 per doz.
 Brunners, \$1.00 and 75 cents per doz.
 Mixed outdoor roses, 50 cents to \$1.00.
 Brides, 25 to 50 cents per doz.
 Maids, 35 to 50 cents per doz.
 Meteors, 25 to 35 cents per doz.
 Morgans, 35 to 50 cents.
 Small roses, 25 to 50 cents.
 Peas, cornflowers and such, 5 to 10 cents per bunch.
 Carnations, 20 to 30 cents per doz.
 Harrisii, 75 cents to \$1.00 per doz.

And so on down the list. Opportunities frequently arise where one must give and take, and there are times when some stock gets exceedingly scarce, such as orchids, when higher prices can be charged. Harrisii are very abundant at present and are always handy to have in the store. There are also lots of water lilies and other outdoor flowers to be had at almost any price we name, and where we are not tied down to specific flowers we can afford to make designs extra fine.

Wreaths entirely composed of either white or purple sweet peas look very well; so do well made wreaths of water lilies; use only fresh, open ones. One good way to keep them is to put them in water in the sun till they open, and then put them on ice. Roses are poor at present and avoid using them in extra fine work; even a wreath of white carnations with their own short foliage is preferable to Brides and mildewed leaves. A wreath of the very darkest gloxinias, with



A Plain Crescent Wreath. Simple Floral Arrangements.

adiantum, make up fine; so do Meteors or Jacques. Bridesmaids are awful washy looking; pansies are good yet; orchids, of course, are the best of all, and some very fine *Cattleya Mendelii* are obtainable. *Cattleya gigas* are commencing to appear and last year they were in great demand in the latter part of the summer. They are the finest of all the flowers we see and are usually too scarce in July and August. Hollyhocks, particularly the single ones, are very effective for vase work, and we would like to see more of the finer varieties of delphiniums. A few of the cactus dahlias are in, and welcome they are for their gaudy splendor. Yellow cornflowers are prominent in many windows; they have a fine, rich shade of color. *Yucca filamentosa* blooms are splendid for large decorations; we are getting them from the South.

IVERA.

SIMPLE FLORAL ARRANGEMENTS.

A Plain Crescent Wreath.

The wreath illustrated was made of pink and white carnations and roses; the darkest flowers being at the broadest part, and shading to white at the top. The small white flowers were *Rhynchospermum jasminoides*, very suitable for this purpose, and deliciously fragrant. The garnishing was done with well-matured sprays of heath; and the piece was used as shown, without ribbon.

W. T. BELL.

PLEASE let us have your advance order now for a copy of the Florists' Manual, to be delivered by August 1.

BULB GROWING IN AMERICA.

At the last meeting of the Chicago Florists' Club a paper on "Bulb Growing in the State of Washington" was read by Mr. Andreas Simon, who has made four visits to the Pacific coast to personally investigate the bulb growing industry that was inaugurated by Mr. Geo. Gibbs, of Orcas, Wash. Mr. Simon expressed himself as firmly convinced that it is only a question of time when this section will furnish a sufficient supply of Dutch bulbs to meet all the demands of America, and that importations will be unnecessary. Roman hyacinths have also been very successfully grown, and Mr. Gibbs reports an increase of a thousand per cent in his bulbs since last October.

Following we give some extracts from the paper:

Mr. Gibbs is pleasantly located on the southwest side of Orcas Island, having a fine water frontage and a grand view of the adjacent islands; the land is rolling in character, entirely protected from severe winds, well drained and, owing to the higher lands surrounding, well supplied with moisture, even in the driest weather. The bulb beds are located on the lower lands, but perfectly drained, so that there are but few days in the entire year that one cannot work on them, the character of the soil being a dark sandy loam, underlaid with a sandy clay subsoil, never leaching or becoming lumpy in wet weather, or baking if worked when a little moist. While Mr. Gibbs' work has been limited to some extent on account of the lack of capital, one is hardly prepared to find

such results as shown there for the comparatively short time he has devoted to his work.

* * *

The results achieved in the growing of bulbs plainly show that a pronounced similarity exists between western Washington and Holland, and that the experiments carried on in the vicinity of Bellingham Bay have fully demonstrated that these bulbs can be grown in western Washington just as well and successfully as in Holland.

I am morally certain of the fact that when this industry is thoroughly established out there on a commercial basis and the bulbs grown there are found to be the equals of the imported bulbs in every respect, or are perhaps in some instances even superior to the latter, this business will become one of the foremost and most important ones in the evergreen Puget Sound country. The essential features in the cultivation of these bulbs, and which are found to prevail in said country, are according to Mr. C. T. Canfield, of Fairhaven, who is at present cultivating a large number of hyacinth and tulip bulbs at Fort Bellingham, and who is a great enthusiast on the subject of horticulture, and a firm believer in a glorious future for the bulb industry in Whatcom county, plenty of moisture in the growing season, a period extending usually from October to July following, an average temperature, the ground rarely freezing to the depth the bulbs are planted; hence there is no check in root growth, which check would result in immature only partially developed bulbs with few or no offsets and a correspondingly imperfect bloom. Then there is a period of from sixty to ninety days in midseason without rain ensuring the well ripening of the crop, which is essential for a perfect bloom, as the seven or eight months vigorous growths give larger and better developed blooms and a correspondingly larger increase of stock than even Holland growers can attain.

Another prominent feature of bulb growing in the vicinity of Bellingham Bay is the remarkable short period in which the bulbs mature. This is mainly accounted for by two causes: first, from the time the bulbs are planted or commence their fall growing until after the blooming period there is no cessation in growth on account of frost, and, secondly, during the summer months, that being their period of rest, the rainfall being very slight, the bulbs get thoroughly ripened off before the growing period commences again, ensuring vigorous stock with a certainty of the fine blooming qualities.

The soil requires, as you all know, a sandy or gravelly subsoil which will ensure perfect drainage with at least sixteen inches (more is better) of a surface soil of a light sandy character; this is best for hyacinths and tulips.

while the narcissi do better in a stiff, loamy ground.

With all these requirements fully met there only remains one important factor to complete the success of this industry and that is time. It takes from three to five years to bring a crop from the bulblets as first planted to marketable size; each year's growth of offsets forming the bulblets to be planted for the succeeding year. Thus the second year's bulblets planted form the marketable crop for the fourth or sixth year, as the case may be. This manner of production is, of course, constantly renewing and furnishing each succeeding year's supply to be planted.

In the series of years that these plantings have been carried on out there it has been found that the bulbs under ordinary conditions increase fully fifty per cent more annually over what is claimed for them in Holland, and with all these advantages and the whole United States as a market, with nominal freight and mail charges, there seems to be no reason why we cannot build up a business in western Washington that will not need to fear any competition from Holland growers, even with their advantage of being in the field already and in an old established business. The low wages paid in Holland are offset by the cheapness of land suitable for bulb growing near Bellingham Bay and in part also by the duty of twenty-five per cent imposed upon bulbs by our government; while the Dutch bulb growers have to pay as high as \$30 and \$40 rent per acre, good land can be bought in Whatcom county, Washington, outright for half this amount and for less.

PANSY SEED.

Would pansy seed from last summer (1898) grow this fall? I have heard that it was good for only one year. What should it be worth per pound? What should this year's seed be purchased for at wholesale?

A SUBSCRIBER.

If the seed was saved by yourself and you are sure it is only two years old, I should sow it with the greatest confidence, but if you bought it you don't know how old it is. If pansy seed is kept in a cool, dry place it will be good at least two years. Since they have discovered that the barley that was found with the body of the wife of Pharaoh the 17th, which was mummified 7,000 years ago, would germinate freely, there is no telling how long the vitality of seed is retained. The brassica family is certainly good for four or five years, and it used to be a fad with old English gardeners to carry the seed of some favorite melon or cucumber for ten years in their vest pocket, with the belief that when sown the plants would bear fruit earlier.

The value of pansy seed is depen-

dent entirely upon quality. We have frequently given \$8.00 an ounce for a choice strain; that is at the rate of \$128.00 a pound, and it would not be dear for a very fine strain. Then again, a pound of seed from a very common lot saved promiscuously would not be worth more than a pound of turnip seed. I would say that a pound of seed of a good strain, saved from the best flowers, should be worth at wholesale \$30.00 to \$40.00 a pound.

WM. SCOTT.

ASTILBE JAPONICA.

[From advance sheets of the Florists' Manual, by William Scott.]

This plant was known for years as *Spiraea japonica*, and by the commercial florist is still almost universally called *spiraea*. It is a perfectly hardy herbaceous plant, and there are few plants so hardy or that will stand more rough usage than this *astilbe*. On dry sunny borders the feathery spikes are far less beautiful than those we grow under glass, but I have seen some very fine spikes this spring on plants that were in deep, moist soil and partially shaded by trees. It is, however, as a pot plant or for cut flowers in early spring that we are most concerned with the *astilbe*. At Easter, though by no means so profitable as many other plants we grow, they seem almost indispensable, and again on Memorial Day they are in good demand. When used for cutting we find the flower is not the only useful part of the plant, the foliage is always cleanly used up in cheap bunches of flowers.

The clumps of roots that we force are all imported from the rich, fat lands of Holland, and so long as the Holland growers can supply them so cheaply it will never pay us to bother with their cultivation. They usually arrive about the middle of November and should be unpacked and placed in flats or boxes with an inch or so of soil or litter over them. Then give them a good soaking and place the boxes outside, anywhere.

The *astilbe* can be forced into flower in eight weeks by giving it great heat, but I much prefer giving them twelve weeks, and the first three weeks they can be under the bench. If not previously done, when potting them give the roots a good soaking; there is such a thick mass of roots that the ordinary watering does not thoroughly wet them. They are the simplest of all plants to force. Pot them into 5, 6 or 7-inch pots, or whatever size will hold the roots. A temperature of 55 to 60 degrees at night will suit them better than a higher one. Water is the great essential, for by the flowering time the little soil that you give them is one mass of living, hungry roots. It is labor saved and far more satisfactory all around to stand each pot in a 7 or 8-inch saucer, in which keep a constant supply of water, and if this is weak liquid manure your plants and plumes of flowers will be much finer.

The *astilbe* is not troubled by aphids, spider, thrips, or any other of our pests, but when the growth is young and not matured they are easily burnt by tobacco smoke and that must be avoided, either by covering the *astilbe*, or giving them a good syringing, before you fumigate, or best of all don't have them in a house that must be fumigated.

There is a variety known as *compacta*, which requires two weeks more time to force. Also *A. japonica variegata*, which has the leaves prettily variegated with yellow, and bearing dense panicles, like *compacta*. But the original species, *japonica*, is the best of all for commercial purposes, and has the most graceful panicles of flowers.

Those wanted for Decoration Day we keep out of doors till April 1st; they come into flower easily in two months thus late in the season. When sold to a regular customer you will do well to either sell or give with them a 7-inch saucer with instructions to place under the pot and keep water in it. If this is done the *astilbe* will be satisfactory, otherwise they will shrivel up.

AMERICAN ASSOCIATION OF NURSERYMEN.

The ideal center chosen for the Nurserymen's Convention this year—the Chicago Beach Hotel—had much to do with its success and added greatly to the comfort of those who attended. That the meeting in 1900 should be held at the same cool and restful resort was decided without a dissenting voice. That this peaceful haven becomes the permanent "meeting house" of these disciples of nature is more than probable, though an exception may be made in favor of Buffalo in the Pan-American year, when all roads and all conventions will tend towards "Great Scott's" great city by the lake.

Ten times out of twenty-four have the nurserymen convened in Chicago. From its first meeting, when its first president, our own Edgar Sanders, presided, until now, its growth and harmony have been marked and encouraging. Its membership is seldom less than 400, and as an aristocracy of real wealth it may well be called "the 400" of the horticultural world. Two hundred of its best representatives were there. The west excels in numbers, and Illinois leads the states. Chicago is the natural center of horticultural America. The new officers are:

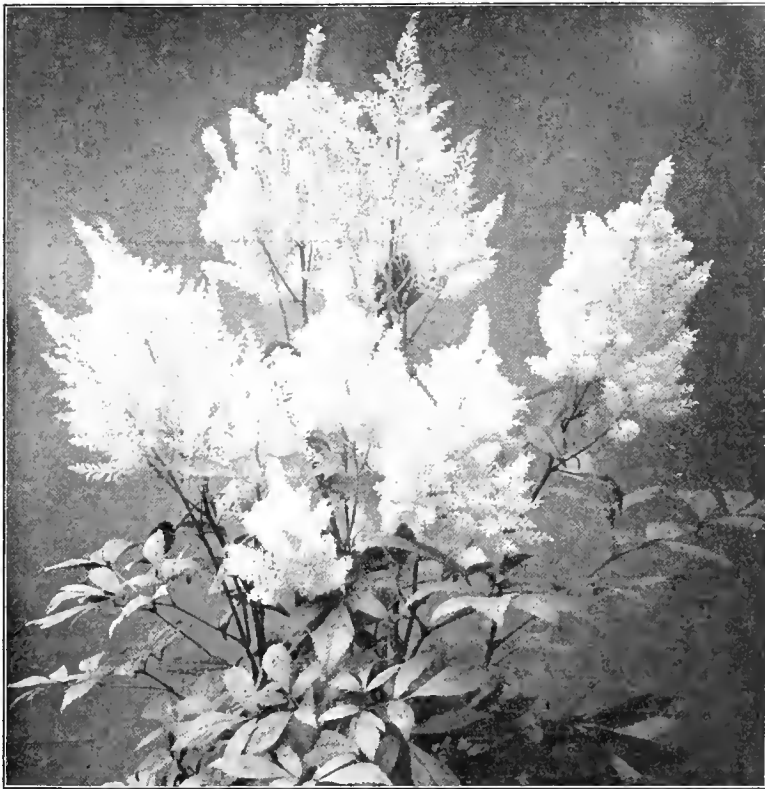
President, Wilson J. Peters, Troy, Ohio.

Vice-president, D. S. Lake, Shenandoah, Iowa.

Secretary, George C. Seager, Rochester, N. Y.

Treasurer, C. L. Yates, Rochester, N. Y.

The principal topics of discussion were: "The Nurseryman and the Entomologist," by Prof. S. J. Hunter,



Astilbe Japonica.

Kansas State University; "Control of Insects and Diseases," Prof. L. R. Taft, of Michigan; "Nursery Business in the South," by N. W. Hale, Knoxville, Tenn.; "Injury to Nursery Stock by the Winter of 1898-99," by C. L. Watrous, of Des Moines, Ia.; "Why We Fumigate," by Orlando Harrison, of Maryland; "Root Killing of Nursery Trees," by Prof. E. S. Goff, of Wisconsin, and "Effect of Cold Weather on Nursery Stock," by N. H. Albaugh, of Ohio. The "question box" was well utilized; hedges, Mahaleb and Mazzard stocks and the San Jose scale were all dissected as usual. An advisory committee was appointed in behalf of the Pan-American Horticultural Exhibition by request of the fair officials, Prof. Taylor taking especial interest in this department of the work placed under his jurisdiction at Buffalo.

The wholesale nurserymen have several protective associations in connection with their work, the meetings of which were well attended during the evenings of the convention.

It is whispered that one reason the Beach Hotel was chosen was to protect the boys like Josselyn and Pete Youngers from wandering up to the dangerous places in the big city and getting lost.

Everybody stayed down by the lake and "dis-cussed" and returned to their respective homes in much improved condition.

It would be unjust to mention distinctively the names of the great lights of horticulture that shone at this convention without naming all. They were there from every point of the compass; from California, Florida and the frozen north, and even from France and England.

The "young blood" was prominent, but the "fathers" were much in evidence. Mr. Albaugh was as fat and happy as in the old days, and the renewed prosperity that has come to the nursery business seems to have renewed the youth of the "old timers" to an unwonted degree.

The cold weather of last winter proved a blessing in disguise. The value of nursery stock of all kinds has almost doubled and the demand far exceeds the supply. "Everything comes to him who waits."

The florist papers were well represented and the editor of the Review seemed to be "quite at home." In fact the florist and nursery interests grow closer every year. Nurserymen are beginning to sell palms and ferns through their salesmen, and it's a poor florist nowadays who does not cater to the needs of the garden and the field.

The "drummers" were quite in evidence. Bobbink, McHutchinson, Killen and others displayed their goods and talked about their bargains with genial volubility.

Amusements—such as the florists

know so well how to provide at their conventions—were not "in it." Life is a serious thing to these children of nature and in temperance Hyde Park you can imagine how early the most of them retired. They did not have time to accept Mr. Peterson's courteous invitation to an outing and lunch at his Rose Hill nursery, and with the exception of having their photos taken and watching the boys fish in front of the hotel they indulged in no hilarity. But they were there for business, and they did it and went home sober and happy, every one of 'em.

The Chicago Florists' Club, through President Edgar Sanders, beautified the hotel parlors and audience room with an abundance of flowers, and several of the large wholesalers sent vases of roses and carnations, the "best in the market." This evidence of kindly and fraternal thoughtfulness was highly appreciated and every nurseryman was decorated gorgeously after the sessions closed.

Few florists realize the immensity of the retail nursery business. It is hard to believe that nearly 100,000 salesmen are on the road in this country. Such firms as Chase Bros., Brown Bros. and Stark Bros. think nothing of having 3,000 to 5,000 plate books out at one time. No wonder "the wilderness has been made to blossom as the rose." Here is a work better than the subjugation of the Philippines, and here are monuments that endure, in fruit and flower and foliage long after "war shall be no more."

Better a thousand times the planting of a tree than the shooting of a savage, and the perfumed fields than the devastation of war. These nurserymen are doing a noble work. Long may they live. AUSTIN.

SEED TRADE ASSOCIATION.

The annual convention of the American Seed Trade Association was held at Cincinnati, O., June 13 to 15, with an attendance of about fifty members. Quite a number of papers were read on subjects of trade interest, that on "Growth and Development of the Seed Business" being treated under three heads, viz.: "Garden Seeds," by S. F. Willard, Wethersfield, Conn.; "Flower Seeds," by E. D. Darlington, of W. Atlee Burpee & Co., Philadelphia; "Agricultural Seeds," by Albert McCullough, Cincinnati. Other papers were: "How can the seedman best educate the public to buy for quality," by S. F. Leonard, Chicago; "How to advertise seeds and plants profitably," by J. C. Vaughan, Chicago; "Fancy Pea Growing and its Vicissitudes," by S. M. Pease, Cape Vincent, N. Y.

The Government free seed distribution again received attention and the following resolutions were adopted:

Resolved, That the American Seed Trade Association, in convention assembled at Cincinnati, June 14, 1899, again express its unaltered opposition to the free distribution of common garden seeds by the United States Department of Agriculture.

No class of merchants in America proportionate to the business pays more

toward the support of the government, both in the form of duties on imported seeds and postage on seeds and catalogues sent by mail. It is manifestly unfair that the seedsmen should be singled out for government competition with free seeds sent by mail free of postage.

It is likewise unfair that the whole people should be taxed for the benefit of the few. Furthermore, it is a well known fact that of the millions of packages annually distributed by the government, the great majority go to the farmers and rural residents who could well afford to purchase either by mail or of their local dealers, and thus get a better grade of more suitable varieties. The outside retail value of seed sent by the government to anyone is 25 cents; but when this is multiplied by several million, and the fact is considered that many others do not buy who otherwise would were they not expecting the government free seeds, some idea can be had of the incalculable detriment to the legitimate seed trade.

The original intent of the law was to distribute for trial new and improved varieties only. As now conducted, however, we are sure that all the more intelligent farmers and country residents would unite with seedsmen in urging a discontinuance of this promiscuous distribution of common seeds.

Besides the unfair competition with a growing industry, this free distribution is an extravagance, now costing the government, with expense of carriage, over \$300,000 annually.

Therefore, be it further resolved: That a copy of this resolution be sent to the Hon. James Wilson, Secretary of Agriculture, and to each member of congress and senator, with the earnest request that they consider our plea that the seed trade of America should be relieved from governmental competition in free standard seeds that are on sale at every village store.

Another resolution was adopted instructing the committee on postal laws and regulations to give hearty co-operation and support to the movement to bring about the issue of fractional currency by the Government.

Officers for the ensuing year were elected as follows: Alexander Rodgers, Chicago, Pres.; Albert McCullough, Cincinnati, First Vice-Pres.; F. W. Bolgiano, Washington, Second Vice-Pres.; S. F. Willard, Wethersfield, Conn., Secy. and Treas.; A. N. Clark, Milford, Conn., Ass't Secy.; Everett B. Clark, W. Atlee Burpee, L. L. May, Chas. J. Burge, S. F. Briggs, Executive Committee.

The members in attendance were royally entertained by the Cincinnati seedsmen and all have pleasant recollections of the stay in the Ohio city.

THE AMERICAN PARK AND OUTDOOR ART ASSOCIATION.

Program for Detroit, Mich., Meeting, June 27th, 28th and 29th, 1899.

The Hotel Cadillac (rates \$3 per day and upwards) will be the headquarters of the Association, and general sessions will be held in the ordinary and Turkish room of the hotel.

TUESDAY, JUNE 27th.—9:30 a. m. The Convention will be called to order by President Charles M. Loring, who will deliver his address to the meeting. Hon. William C. Maybury, Mayor of Detroit, will welcome the Association to the city. The reports of the

Secretary and Treasurer will be presented and acted upon, together with other business.

The following papers are assigned to this morning's session: "Boston Common," E. J. Parker, President Quincy Boulevard and Park Association, Quincy, Ill.; "The Relation of Reservoirs to Public Parks," F. L. Olmsted, Jr., Landscape Architect, Brookline, Mass. 1:30 p. m. Boat ride, Steamer Sappho, to the "Venice of America," St. Clair Flats. On the return trip there will be a short session on board the boat, at which the following paper will be presented: "The Parks and the People," R. J. Coryell, General Superintendent of the Detroit Parks. 8:00 p. m. Talk in Art Museum by Prof. A. H. Griffith, Director, on "A City's Debt to Its Citizens."

WEDNESDAY, JUNE 28th.—9:30 a. m. The election of officers for the ensuing year will be held at this session. After the election the following papers will be read: "Utilization of Vacant City Lots for the Poor," John McGregor, Detroit, Mich.; "Finger Boards and View Points," Charles W. Garfield, President "Michigan Fruit Grower," Grand Rapids, Mich.; "Outdoor Art in School and College Grounds," Prof. W. J. Beal, Michigan Agricultural College, Lansing, Mich. 1:30 p. m. Trolley ride to Water Works Park. 3:30 p. m. Trolley ride from Water Works Park to Log Cabin at Palmer Park. 8 p. m. An evening with the stereopticon. The following papers will be given, illustrated by lantern slides of pictures taken in different parts of the country: "Park Landscapes," George R. King, Cambridge, Mass.; "The Improvement of Factory and Home Grounds," this subject will be illustrated and presented by J. Horace McFarland, of Harrisburg, Pa., J. H. Patterson and E. L. Shuey of Dayton, O.

THURSDAY, JUNE 29th.—9:30 a. m. Closing session. Reports of Special Committees, action thereon, and other business. The papers assigned to this session are: "Interesting Children in Our Highways and Public Grounds," W. W. Tracy, Detroit, Mich.; "Park Nomenclature and Accounts," G. A. Parker, Superintendent of Parks, Hartford, Conn.

During the morning of Thursday opportunity will be given to obtain a bird's-eye view of Detroit and vicinity from the top of the Majestic Building. 2 p. m. Drive on Boulevard and around Belle Isle Park. 7:30 p. m. Informal banquet at Skating Pavilion on Belle Isle Park, with band concert later in the evening. 10:30 p. m. Return to Detroit by ferry.

The Commissioners of Parks and Boulevards, Detroit, Mich., have asked the Secretary to issue a special invitation, cordially inviting you to attend the Convention of the American Park and Outdoor Art Association to be held in their city, assuring you that every effort will be made to make your stay a pleasant one.

BEGONIA GLOIRE de LORRAINE.

Amongst the many grand examples of high cultivation in the gardens of Lord Portman, Bryanston, Blandford, Dorset, Begonia Gloire de Lorraine is conspicuously good. Winter-flowering plants are in great request here, and this begonia is found to be one of the most useful subjects in every respect.

The mode of treatment given may be useful and interesting to many readers. A portion of the old plants are cut down some after they have finished flowering, and stood in heated pits in a temperature of from 50 to 60 degrees. Water is given them very sparingly until they show signs of starting, but as growth advances more water is needed, and occasionally weak liquid manure is given. As soon as the growths are sufficiently long they are taken off as cuttings, care being taken to cut them clean, below a joint, before inserting them in the soil. Either pots or pans may be used, and the compost found suitable at Bryanston is sandy peat. They are stood in the propagating box in a strong moist heat. By varying the time of taking cuttings plants may be obtained which will give a succession of flowers the whole year. The largest plants grown are struck in January, but March, for general purposes, is a good time. After they are rooted the cuttings are potted off into thumb pots, and the soil found most suitable consists of one part loam, two parts peat, and sharp sand, adding a little fine charcoal. When sufficiently large for repotting they are sifted into pots suitable for various purposes, and placed in a heated pit or house which can be shaded, and where air can be admitted without draught. Very dry and airy houses are almost fatal to them, and it is far preferable to devote a house or pit exclusively to these begonias, as they will require shading during the hottest part of the day, and to have the atmosphere well charged with moisture. Great care is required in watering.

Grand specimens of Begonia Gloire de Lorraine can be obtained by putting the best selected plants into five or seven-inch pots, using soil similar to that already advised, only a little coarser. The growths should not be pinched, but allowed to break naturally, as the early crops of flowers may be picked off until a few weeks before the specimens are wanted to bloom. The whole batch requires fumigating occasionally to keep down any attacks of insect pests which they are liable to. During the summer the begonias are kept in an intermediate temperature, admitting plenty of light, but giving shade when the sun is strongest. Admit plenty of air to prevent the growth becoming drawn. Many comments have been made of late to the effect that some growers have found an occasional seed pod on Begonia Gloire de Lorraine. There have been saved from the plants grown at Bryanston dozens of pods which have had



House of Begonia Gloire de Lorraine.

every appearance of producing good seed, but up to the present the germinating power has been absent.

Many of the Bryanston specimens are fully three feet high and as much through, very bushy, and a perfect mass of bloom when in perfection. To prolong the flowering season after the flowers are developed the plants may with safety be removed to a cooler and drier atmosphere, say from 45 to 50 degrees. As shown in the accompanying illustration, reproduced from a photograph, a batch is housed in one of the vineries, where they have been the admiration of everyone who has seen them. For winter decoration the plant is everything that can be desired, and this mode of culture, which is adopted at Bryanston, evidently suits its requirements.—A. Outram, in *Gardeners' Magazine*.

BUFFALO.

A decided drop in business has come, noticeable all along the line. The weather has affected quality of flowers. Very soon Japan lilies and mud turtles will be the principal stock in trade. A sure sign that real summer is here is the presence of Kasting, Adams, Buddenborg and Anderson rooting for our losing ball team. Mr. Anderson is on a canoeing trip to Rochester and will shoot the lower falls Sunday next,

weather permitting. Mr. Henry Buddenborg has branched out and bought the business on Broadway carried on for some years by Mrs. M. Klöckow. Mr. Budd has by no means given up his store on Elk st. Oh no! His fertile brain and energy want further scope and as Mr. and Mrs. B. are not blessed with what the old "Gardeners' Chronicle" used to call "Incumbrance," meaning the natural result of the marriage state, children, they can divide their energies in the daylight hours and run both places.

We hear from friends and travelers that the East is suffering a great drought. Sorry for them. We are getting that way somewhat in this neighborhood, but the country still looks beautiful, refreshing and pure as J. Austin Shaw's poetry, and as a fine man remarked yesterday "the best climate in the world." The resident of Borneo or the savage of the upper Amazon may think his climate is just the best, I know the Eskimo does because Mr. Blubberski told me so, but there must be some zone of the world that is best suited to the perfect development of man with the physical and mental finely blended. Whether it be a wide or narrow zone we care not; we think we are right in the center of it. But opinion is not based so much on the biped production of this zone

as the good natured exhilarating feeling that our charming balmy breezes infuse into our vitality.

When I looked into the store of W. A. Adams a few days ago, I spied Mr. Barker, Editor of the *American Florist*, in confab with his correspondent. Mr. B. Looked well but said he was glad to escape the heat and dust of the Eastern cities. Mr. Hiram Jones of Elizabeth, N. J., called on us and we are very glad to talk to anyone who is posted on ornamental gardening. Mr. Bogue, the nurseryman of Medina, happened to be in and soon the conversation got thickly mixed with Colorado Spruce, Austrian Pine and *Sambucus aurea*. The writer grumbled to Mr. Jones that our nurserymen do not transplant their evergreens from little seedlings till they are sold, 3 or 6 feet high, making the moving and sale of them very precarious. Mr. Jones replied that American nurserymen are transplanters nowadays and find they can get a good price for the transplanted stock, a price that more than pays them for their labor of moving. Mr. Bogue then asserted that Mr. J. could not tell him of five nurserymen in the country who transplant, at which Jones came back at him with half a dozen good firms quicker than I can write their names and so one of the three of us had to shut up. We

were well pleased with the little argument for we were astonished that anyone would admit that our nurserymen grew their stuff in such a crude way, and delighted to hear that a proper and real nurserymen's methods are likely to prevail. To plant a Norway spruce 6 inches high and about 6 inches in the rows and leave them 5 or 6 years and then sell them is nothing less than a fraud and they are not nurserymen who do it, they are fruit farmers with a little nursery stock on the side.

Mr. Harry Balsley has just arrived accompanied by his sub-watering bottomless pot, "patent applied for." I am more favorably impressed with this new device than I have been previously and for violets it looks like a go. An experiment with them can't be a failure so on the bench goes 1,000. Mr. Harry has just been re-elected president of the Detroit Park board. This is a great honor and what a sensible thing for the mayor of a city to appoint an active young business man on a Park Board instead of aged fossils who have acquired wealth as their sole recognition to honor and have no more taste or knowledge of park matters, roads, grounds or trees, than a polar bear of the future world.

Mr. Geo. Fancourt and Mr. Carr of Wilkesbarre are in town attending a large convention. Have not interviewed them yet.

W. S.

NEW YORK.

The Market.

The weather has changed for the better somewhat, still many of the crops both in fruit, vegetables and farm products are injured beyond repair. Even the flowers of June have been scorched and hurried into premature oblivion, and that too so quickly that in anticipating the appearance of many old favorites we only find that they had passed. Flowers in the wholesale market, that is the great bulk of them, are of such variety and quality as to be scarcely worth much notice. The largest buyers are the street vendors; the average retailer is shy on buying these days, and the only flowers seen on parade are the kind that are loudest and live longest. There are heaps of *Harrisiis* coming in at the 34th st. market, and when they can be bought for 2 or 3 cts, as they can at present, you can rest assured that all other stock is low, very low. The commission men who attend this Ferry Market take turns at cornering the market on lilies, but the quantity coming in and the condition of trade have compelled them to desist from the cornering act.

Carnations are very abundant, every small grower has heaps of them now, and they can be got at from 25 to 50 cts per 100 or even less. Roses are going at from 50 cts to \$1.00 per 100, and the majority of soft stock is of more weight than value. Paeonies are about over, and good named varieties were rather scarce this year, which looks as

if the roots had been divided up for plant trade.

Various Items.

Why certainly we have an aristocracy in our profession; the pink shirt element of our trade, who turn their noses up at photographs of the past; they are vastly amusing and quite harmless.

Everybody is considering plans for vacations; many are gone to Europe, others are enjoying mosquito fights in the country.

Lawrence Hafner is thoroughly enjoying the luxury of a fine new home he has just built for himself and family at Patchogue, L. I. Enviable Lawrence; but no one begrudges him for though retired from the florist business he is always to the front in any movement for its advancement.

Alfred Dimmock sailed for his other home on Saturday last on the *Campania*; there was a crowd of the boys down to wish him bon voyage.

The Westchester County Gardeners' Association will have an "outing" to Dreer's sometime in August. Cheap rates have been secured for the trip and a good time is assured. Robert Jenkins, Rye, N. Y., can tell you about it.

A. Bridgeman, formerly with the Bridgeman Co., which recently went under and "soaked" everybody, is now associated with Small & Sons on Broadway.

New florists' stores are appearing in every nook and corner here. A new census of them will show a large increase.

The Tarrytown gardeners will meet in the New Fire House, Main st., Tarrytown, on Thursday, June 29. A grand flower show in that locality—the home of millionaires—this November will be the subject on the table, and the matter already assumes the shape of a success.

The American Institute free show on June 14 and 15 was a success considering the terrible heat; the following were the winners. Roses, 24 varieties, Chas. Weise; 12 varieties, Chas. Weise; 6 varieties, Chas. Weise; 3 varieties, Wm. Turner; 12 blooms, 1 var., Wm. Turner, M. H. Walsh, Woods Holl, Mass., made a fine display of some sixty varieties of roses, among which was a new dark one, "J. S. Fay." The roses shown in above were the usual old standard sorts well known here. Mr. Walsh also exhibited 14 vases of paeonies, taking first prize in that class. J. L. Childs captured first for herbaceous flowers, amongst which were some new early phlox; the same exhibitor showed some very fine gloxinias. C. H. Allen exhibited several vases of carnations, and H. Siebrecht & Son displayed herbaceous flowers and shrubs and a few specimen orchids. J. W. Duncan, Greenwich, Conn., took first for collection of flowering shrubs. Lager & Hurrell, Summit, N. J., exhibited several splendidly grown orchids which were easily the principal feature in flowers. Some interesting collec-

tions of vegetables were shown in which Andrew Taaffe won first and Wm. Scott second. John Marshall won first in tomatoes with "Lorillard," and again in melons with "Hero of Lockinge." Wm. Turner won first in lettuce with "Big Boston," and peaches with "Mountain Rose." Wm. C. Winter, Mansfield, Mass., got second in the latter class with "Hale's Early."

There was quite some competition in strawberries; Robert Jenkins won two firsts with Sharpless, Henry, Mary, Glen May, and Gandy. Henry Jeroloman, of Hilton, N. J., who said he was then picking over 2,000 quarts a day, captured first prize for ten varieties with Clyde, Henry, Mary, H & H No. 3, Buhach, Plough City, Hilton Gem, Sharpless, Glen Mary, and Seedling No. 4.

Amongst the flowering shrubs we noticed two that stood out very prominently and were very beautiful. The red *Wiegela* "Eva Rathke" and *Philadelphus* "Yokohama." Both are very good and we recommend them to growers of that class of stock. Wm. E. Marshall showed a pot grown bulb in flower of *Haemanthus puniceus* for which he received a certificate.

The funeral of the late Augustin Daly, the great playwright and theatrical manager, took place at St. Patrick's Cathedral in this city, June 19. The beautiful edifice was filled with representatives of every art and profession. No flowers adorned the casket, which was of polished oak with gold handles. There were some two dozen designs sent by the different clubs and theatrical companies, but they were ordinary large pieces. There was nothing new amongst them. A large standing cross of *Harrisiis* was perhaps the most imposing. There were a few wreaths of orchids and galax leaves (what a combination!) and a large lyre of purple peas on one side, white on the other. The preponderance of galax leaves at all funerals is sickening; they have a disgustingly cheap appearance about them and oh! what "get ups." Are we getting too lazy to stem flowers? they are certainly not expensive or scarce, or are we doing our best (unintentionally of course), to destroy the funeral flower trade? 'Twould seem so.

We visited the alleys where the florist bowlers were to have met this evening and were informed that the only one that turned up was the captain, and he left in disgust. Perhaps 'twas the weather; anyhow patience needs be a good strong plant these days.

IVERA.

ST. LOUIS.

Market Conditions.

The cool weather of the past few days and the closing of the schools brightened up the cut flower trade considerably last week. This week will be Elks' convention week and quite a good business in our line is expected, and a few large orders have been booked with the commission

men. The scarcity of good roses took considerable hustling to get enough stock to fill orders.

Prices on stock the past week were about the same as last week. In roses Brides and Maids were practically worthless, as the majority are badly mildewed and crippled and only a few are coming in with fairly clean foliage, and these are soft and small. Kaiserins are better and those cut from old plants are long stemmed and fine. Meteors are of fair quality. Beauties are sadly off in color and very few come in. Carnations hold up remarkably well and are quite plentiful. White had a great call the past week, also reds, but the latter are not of good quality, Portia being the best among them. The large orders that have been placed for this week at our commission houses will send the price up for the best to \$2. Some fine valley was seen last week, which sold well at \$3.

Sweet peas are more plentiful, but still the price holds up, the best bringing 75 cents, poor grades 35 and 50 cents per 100. Plenty of good smilax on hand now at \$12.50.

Notes.

The Cannon Floral Co. made a very pretty and neat decoration at music hall (Exposition building) for the high school commencement.

Wm. Ellison, of Ellison & Tesson, and daughter, in company with Millie Young, left last week to spend the summer months up north.

Henry Berning is now handling supplies with his cut flower department. Henry reports the past season a good one.

Harry Rieman has closed up his store on Jefferson avenue and is now out among the florists with a petition for a World's Fair commissionership.

C. A. Kuehn reports that the past season in cut flowers and supplies is better than the last one, with shipping trade on the increase.

Nearly all the fakirs have gone into the straw hat cleaning business and some of our store men are doing the same.

E. C. Ludwig, of Allegheny, Pa., with his wife and two sons, are in the city attending the Elks' convention. Mr. Ludwig is vice-president of the Pittsburg and Allegheny Florists' Club, also one of the team of bowlers that will bowl at Detroit. J. A. Peterson, of Cincinnati, Ohio, is also in town attending the Elks' convention.

Mr. A. Meyer, who recently recovered from a severe illness, says the young generation is all right, for on resuming charge of his business he found that his son, A. Meyer, Jr., had things in as good shape as though the senior had been on deck all the time.

Bowling.

The bowling club rolled five games Monday night and a few very good scores were made, still there is room for improvement. Mr. Kunz only rolled two games, being sick. Mr. E.



51 Wabash Avenue,

W. S. HEFFRON, Mgr.

CHICAGO.

PRICE LIST--Taking Effect June 22.

ROSES.

Beauties, long, per doz.....	\$2.50—\$3.00
" medium, " "	1.50—2.00
" short, " "	.75—1.25
	Per 100
Meteors, Maids, Brides, Kaiserins.....	\$3.00—\$5.00
Perles.....	2.00—4.00
Roses, seconds.....	3.00—

CARNATIONS

ARE OUR SPECIALTY.

Fancy Varieties, fancily grown.....	\$2.00—
Ordinary Varieties, fancily grown.....	1.00—\$1.50

Miscellaneous.

Marguerites.....	Per 100, \$.50
Forget-me-not.....	" 1.00
Sweet Peas, white.....	" .30
" pink.....	" .25
Valley.....	" 4.00
Pansies.....	" .50
Paonies.....	Per 100, \$3.00—5.00

Mention the Review when you write.

10,000 Smilax, 2 1/4-inch, strong.....	Per 100, \$1.50	Per 1000 \$10.00
20,000 Smilax, from filats, " bulbs.....	.50	3.00
3,000 Asparagus Plumosus Nanus, 2 1/4-inch.....	5.00	
7,000 Begonias, ten varieties, 2 1/4 and 3-inch.....	1.50	12.00
4,000 Primula Obconica, 2 1/4-inch.....	2.00	18.00
10,000 Coleus, ten good bedders, 2 1/4.....	1.50	12.00

The Morris Floral Co., - Morris, Ill.

Mention The Review when you write.

FUCHSIAS, best single variety and double white, in bud and bloom, \$4.00 per 100
 Hydrangeas — Thos. Hogg, Otaska, \$5.00 per 100
 Pelargoniums, good variety..... 4.00
 California Violets, strong plants..... 4.00
 All strong, 4-inch pot plants. Will exchange for good young Roses, good variety Chrysanthemums, young Ferns or Palms, or what have you?

C. G. NANZ, Owensboro, Ky.
 Mention The Review when you write.

Decorative.

ASPARAGUS.

Per string..... \$.50

FERNS.

Per 100, 20c..... per 1000, 1.50
 Maiden Hair..... per 100, 1.00

GALAX.

Bronze and Green, per 100, 15 cents; per 1000, \$1.25

SMILAX.

Common..... per doz., \$1.50—2.00

All other flowers in season.

Above quotations are subject to change without notice. P. and D. at cost.

Extra select and inferior qualities charged for according to value.

Regardless of prices quoted all stock will be billed at lowest market rates.

Store open from 7:00 A. M., until 6:30 P. M. Sundays and Holidays closed at noon.

COLEUS...
 Verschaffeltii and Golden Bedder.
 Per 100, \$2.00; per 1000, \$15.00.
 Satisfaction guaranteed. Cash with order.

GEO. L. MILLER, Newark, Ohio.

Mention The Review when you write.

**EXTRA FINE LOT
 Bostoniensis Ferns!**
 Ready for 5-inch pots.

Write **GEO. A. KUHL, Pekin, Ill.**
 Wholesale Roses and Carnations.

Mention The Review when you write.

C. Ludwig, of the Pittsburg Florists' Bowling Club, was a visitor and rolled the five games with us. The following scores were made:

	1.	2.	3.	4.	5.	Tot.	Av
C. A. Kuehn.....	174	156	167	146	169	812	163
J. J. Beneke.....	168	172	138	148	167	793	159
J. W. Kunz.....	180	117	.....	.....	.....	297	149
Emil Schray	148	112	186	144	590	148	
C. C. Sanders.....	118	140	162	150	158	728	146
E. C. Ludwig.....	152	120	124	151	153	700	140
John Young	94	145	121	.....	.....	360	120
F. J. Fillmore.....	119	126	106	91	123	565	113
F. H. Weber.....	88	98	.....	.....	.....	186	93

THE GLASS SITUATION.

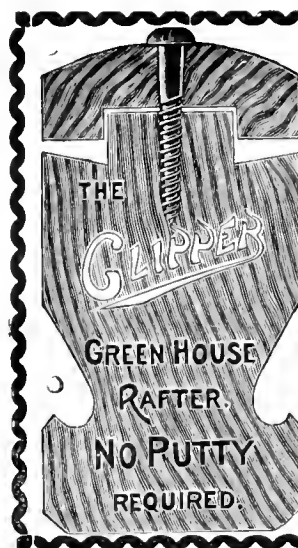
Notice has been served on distributors and large consumers of window glass throughout the United States that the American Glass Company, which controls the market of this country, will seek a war of absolute extermination of the few scattered manufacturers who essayed during the last year to secure a small portion of the immense trade which the prosperous condition of the country gave to the giant monopoly. In addition the present officers have secured options on fully 80 per cent of the window glass factories of the country and will form a trust along modern lines, with a capital of \$24,000,000.

The notice, as given above, containing, as it does, a veiled threat to all jobbers and manufacturing consumers, such as sash, door and blind makers, that they may not buy this season outside of the combination, is attracting a great deal of attention in the trade and is creating a great anxiety on the part of all interests handling the product. To an outsider there is nothing in the communication except the ordinary honeyed words of the merchant hoping to extend his trade; but to those who are familiar with the matter there is no chance to mistake the fact that the combination is swinging a large club in a vigorous, determined and merciless manner.

The club, which is not concealed from the trade, is in the granting of special rebates to those who begin with the opening of the 1899-1900 "fire," September 15 next, by buying all their glass of the combine and continuing up to July 1 of next year. It will be observed that the rebates are withheld for a period of nine and one-half months, so that the managers of the combine will be in perfect position to know whether the buyer has kept faith with it or not. Better still—and here is the point that is giving the trade its anxiety—the tied-up rebates may represent the distributors' entire profits for the trade year.

While the combination allowed the distributor who bought its products exclusively during the last year a fair margin of profit, there is no guarantee that it will do the same this year. In fact, with the jobbers' capital in its own coffers, there is no reason why the combination should consult anybody except itself in this little matter, and this is one of the points over

[Continued page 80.]



Butted Glass.

This is no longer an experiment, it has come to stay. There are various ways of making Butted Roofs, but the best way is with the

Clipper Bar.

With this bar you can make a roof that is absolutely free from drip, and glass cannot be torn out by the wind. Butted glass makes a tight roof, a warm house and saves fuel. It lasts longer, looks better and costs less than the old-fashioned roof. But do not think that this is the only bar we sell, for it is not; we furnish what people want and there is nothing in greenhouse material that you cannot get from us, and all of open-air-dried Cypress clear of bright sap, stained sap, knots and all other defects.

Lockland Lumber Co.

Write for Circulars
or Estimates.

Lockland, Ohio.

Mention The Review when you write.

Florists' ANY SIZE, ANY STYLE, Refrigerators, LOWEST PRICES.

Send us specifications of such a refrigerator as you need and we will give you figures which will mean a saving of from one-quarter to one-half in its cost. Also ask for our prices on any other supplies you need, always stating quantity and quality desired.

FLORISTS' PURCHASING AGENCY,
159 La Salle Street. CHICAGO.

Mention The Review when you write.

M. RICE & CO. NEW ILLUSTRATED CATALOGUE FOR THE ASKING.

Exclusive Importers and
Manufacturers of **Florists' Supplies**

25 N. Fourth Street, PHILADELPHIA, PA.

Mention The Review when you write.

1899 CONTRACTS 1899

Now I am open to quote prices on all Bulbs, Plants and Roots for next season. Send in your list of wants for quotations.

F. W. O. SCHMITZ, JERSEY CITY, N. J.

Mention The Review when you write.

The MODEL Extension Carnation Support.

Read what some of our best growers say concerning it.

Buffalo, N. Y., Jan. 13, 1899.

Theron Parker. Dear Sir:—Your Model Carnation Support is the best thing I have yet tried. In fact, it is about ideal. I used it this winter on Scotts, Flora Hill, Mrs. Beal and Genesee. The principle is perfect, but experience may teach us that in some varieties, for instance, Daybreak the lower ring might with advantage be two inches lower. If could afford the first cost, at once, I would not think of using anything but the "Model." Very respectfully yours, WILLIAM SCOTT. Other testimonials will appear weekly. Write for prices.

THE MODEL PLANT STAKE CO.,
226 No. Ninth Street. Brooklyn, N. Y.

Mention The Review when you write.

ORCHIDS....

Just received in fine condition.

CATTLEYA LABIATA, C. Dowiana, C. Skinnerii, C. Granulosa, Laelia anceps, L. a. alba and L. autumnalis, also Cattleya Mossiae and C. speciosissima, all direct from the Tropics.

Lager & Hurrell, Growers and
Importers.... Summit, N. J.

Mention The Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

JUST ARRIVED
IN FINE CONDITION.

Cycas Revoluta Stems,

from 6 to 15 inches long.
Price \$9.00 per 100 pounds.
Special Prices on large lots.

J. M. THORBURN & CO.

(Late of 15 John Street)
36 CORTLANDT STREET, NEW YORK

Mention the Review when you write.

WE MAIL weekly to those who have their names on our lists

A Price-List of all kinds of PLANTS, BULBS, ROOTS, etc., offered by the best growers from all parts of the country.

Also, our quotations on GLASS, PIPE, VALVES and FITTINGS, BOILERS and all Greenhouse Construction Material.

It will pay you to place your name on our lists at once.

THE INTERNATIONAL GROWERS' EXCHANGE, PITTSBURG, P.A.

Mention the Review when you write.

SMILAX!

Pot Plants,
Ready Now by the
100 or 1000, at
\$1.50 per 100.

ALBERT M. HERR

LANCASTER, PA.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS

600 Asparagus Plumosus Nanus, 5-in. pots,	Per 100
600 " " " " "	\$20.00
Asparagus Seed, home grown, \$1 per 100, \$9 per 1000	25.00

W. F. KASTING,
481 Washington St., Buffalo, N. Y.

Mention The Review when you write.

THE FLORISTS' MANUAL

Price, \$5.00
...BY...
WILLIAM SCOTT.

WILL BE READY FOR DELIVERY AUGUST 1.

It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, encyclopaedia style, so reference may be quick and easy. It will be a whole library in itself, and will tell you just what you want to know in just the way you want to be told. It will be the standard work of reference for the trade.

SEND IN YOUR ORDER NOW. Payment need not be made until book is ready.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

CHINESE PRIMROSE SEED.

New crop. Well known as the finest large flowering fringed varieties grown. Not to be compared to cheap imported seed. Special florists' packet of thirteen (13) varieties, single and double, mixed, 400 seeds, \$1.00; half packet, 50 cents.

CINERARIA SEED of finest large flowering dwarf varieties in best mixture, 1000 seeds, 50c

PRIMULA Obconica Grandiflora Rosea, the finest of the improved Obconicas, 1000 seeds, 50c

GIANT PANSY. The finest grown. up-to-date large flowering varieties, 3,500 seeds, \$1.00.

A packet **PRIMULA FLDRIBUNDA** added to every order.

STRICTLY CASH PRICES.

The Home of **JOHN F. RUPP, SHIREMANSTOWN, PA.** Primroses.

Mention The Review when you write.

BABY PRIMROSE.



The newest thing for Easter Blooming.

Flowers in thumb pots; grows rapidly, 6-in. pot, carry 50 to 100 sprays of rosy flowers, 12 to 18 in. long; lasts 4 weeks when cut and wholesale at \$2 per 100; grows finely in cool house; perpetual bloomer. 12 for \$1.50, \$10 per 100, express prepaid.

New Fragrant \$1000 CALLA.

Very dwarf and free bloomer, has the fragrance of violets and lilies, \$1 and \$2 per 12, \$6 and \$12 per 100, mailed.

Asparagus Sprengeri. 2-in., 24 for \$1.50, mailed \$7 per 100, express. 3 1/2-in., 24 for \$2.50, mailed \$7 per 100, express.

A. BLANC & CO., Philadelphia.

Mention The Review when you write.

30,000 SMILAX...

From flats, by mail, \$0.50 per 100; \$4.00 per 1000
From 2-inch pots, 1.50 13.00

HYDRANGEA, rooted cuttings, \$1.25 per 100; \$10.00 per 1000. From 4-inch pots, in bud, \$1.25 per dozen; \$8.00 per 100.

CANNAS, mixed, 3-inch pots, \$3.00 per 100. Send for Sample. Cash with order.

FRED BOERNER, Cape May City, N. J.
Mention The Review when you write.

The Cottage Gardens,

C. W. WARD, QUEENS, L. I.
Manager.

WHOLESALE GROWERS FLORISTS' SPECIALTIES.
Mention The Review when you write.

Florists' Stock of Bedding Plants

Alternantheras, Coleus, Geraniums, Pansies, Daisies, Verbenas, Fuchsias, Salvias, etc.

Write for prices. Florists are invited to look over our stock when in Milwaukee.

ARCHIE MIDDLEMASS,
1019 Forest Home Ave. MILWAUKEE, WIS.

Mention The Review when you write.

Chrysanthemums.

Novelties and Standard Varieties. Healthy, young stock for benching. Send for list of varieties and prices.

NATHAN SMITH & SON,
Adrian, Mich.

Mention The Review when you write.

Asparagus Sprengeri,

Seedlings, from soil, with fine tubers, ready for 3-inch pots. By mail, and we pay postage, \$3.00 per 100.

Send for circular.

American Rose Co., Washington, D. C.

Mention The Review when you write.

Pansies WORTH RAISING....

Excellent Seed, 3-16-oz. \$1.00; 1-oz. \$1.00. Cash with order.

C. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.

Mention The Review when you write.

PANSIES

The Jennings Strain. New crop, finest mixed, \$1 per pkt.; \$9 per oz. Cash with order.

E. B. JENNINGS, Grower of the Finest Pansies. Lock Box 254, Southport, Conn.

Mention The Review when you write.

Subscribers... ARE REMINDED THAT

they will materially advance the interests of their paper by buying supplies of the advertisers in the

Florists' Review

Always MENTION the name of the paper when sending inquiries or orders.

E. H. HUNT
THE "OLD RELIABLE" FOR
**Wholesale
Cut Flowers**
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention the Review when you write.

which the trade is doing some very painful wriggling. For the jobbers to go to any one of the few independent manufacturers of window glass for relief is to invite complications of a nature that may turn out seriously for any distributor with the hardihood to break away from the combination. Should the independent factory be unable to keep up with the trade requirements of the jobber—whose wants are usually too diversified to be met by any one factory—the jobber would be absolutely unable to fill orders and would have to turn his trade over to his competitors. To attempt to import is futile, as the tariff gives to the home manufacturer a protection of 144 per cent. The freight rates make the difference even greater to trade centers well removed from the seaboard.

In order that the control of the market during the next year may be as absolute as it was last and that the speculating public may also contribute its capital to its support the officers of the American company are now arranging for a consolidation of all of the factories, independent and otherwise, into a trust along the improved modern lines. For this purpose options have been secured on 80 to 85 per cent of the capacity, and these options are said to run to October 1. It will be observed that this is fifteen days after the earliest date that glass making for the fire of 1899-1900 can be resumed, and this of course leaves the present company a little leeway in which to operate toward the further confusion of its enemies.

The contemplated capital of the new organization is \$24,000,000, of which half will be common and half preferred stock. This capitalization will cover property that could be easily duplicated for \$4,000,000. — Chicago Times-Herald, June 4.

BAKER CITY, ORE.—Mrs. P. Barcha and C. F. Elley have formed a partnership under the name of the City Greenhouse. They have just completed two houses, each 20x60.

IF YOU HAVE any surplus stock to sell offer it in our classified ads. The cost is slight and your offer will come under the eyes of all possible buyers.

REINBERG BROS.
Wholesale Growers of
Cut Flowers
We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine . . .
AMERICAN BEAUTIES.
51 Wabash Ave., CHICAGO
Mention The Review when you write.

600,000
FEET
OF
GLASS.

No
charge
for
packing.

Wholesale Price List.

AMERICAN BEAUTY		
Extra long stem..per doz.		\$3.00
24-inch stem.....	"	2.50
20 " " " " " "	"	2.00
15 " " " " " "	"	1.50
12 " " " " " "	"	1.25
8 " " " " " "	"	1.00
METEOR	per 100,	4.00 to \$6.00
BRIDESMAID	"	3.00 to 5.00
BRIDE	"	3.00 to 5.00
PERLE	"	3.00 to 5.00
CARNATIONS	"	1.00 to 1.50
" fancy.	"	2.00 to 3.00

Quotations subject to change without notice.
All other stock at lowest market prices.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of
and Dealers in **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention the Review when you write.



Our prices are as low as any
and our stock superior.
We ask for a trial order.

Mention The Review when you write.

A. L. RANDALL
Telephone 1496
Wholesale Florist

4 Washington St., Chicago.

In our new and enlarged quarters we are better prepared than ever to handle your orders.
Mention The Review when you write.

BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St., CHICAGO.

Mention The Review when you write

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention Florists' Review when you write.



H. G. BERNING,

(Successor to
St. Louis Cut Flower Co.)

**WHOLESALE
FLORIST,**

1322 Pine Street,
ST. LOUIS, MO.

Mention The Review when you write.

ELLISON & TESSON,

WHOLESALE SHIPPING

FLORISTS

6314 Olive Street, ST. LOUIS, MO.

...Home Grown Stock...

Mention The Review when you write.

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

Cincinnati Cut Flower Co.

W. A. MANN.
FRANK W. BALL.

416 Walnut St. Wholesale Florists
CINCINNATI, O.

Consignments Solicited.
Special Attention Given to Shipping Orders.

Mention The Review when you write.

PEONIES Received Daily--White and Pink.
We will have plenty for all until July 4th.

KENNICOTT BROS. CO.
CHICAGO.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES:

We have the
LARGEST WHOLESALE
House in Chicago.

**Orchids, High-Grade Roses,
Carnations and Violets.**

Full Line **FLORISTS' SUPPLIES**, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

WESTERN HEADQUARTERS FOR.....
FLORISTS' SUPPLIES,

**PALMS, FERNS,
WIRE WORK, CUT FLOWERS, ETC.**

Use **MASTICA** for Building and Repairing your Greenhouses.

Write for samples and prices of our

Improved Folding Cut Flower Box.

ELLIS & POLLWORTH, - MILWAUKEE, WIS.

Mention The Review when you write.

Asparagus Plumosus

Strings
10 feet long.
50 cents.

Nanus

Shipped
to any part
of the country.

**W. H. ELLIOTT,
BRIGHTON, MASS.**

Mention The Review when you write.

**ANTON SCHULTHEIS, P. O. Box
78...
College Point, Queens Borough, N. Y.**

HEADQUARTERS FOR

PALMS and Decorative Plants in Quantity
Come, see Ericas (Heather), also Full
and con- Line of Other Flowering Plants
vince yourself. Price List on Application.

Mention The Review when you write

1840 Old Colony Nurseries, 1899

**HARDY SHRUBS, TREES, VINES,
EVERGREENS and PERENNIALS.**

A large and fine stock of well rooted plants, grown
in a sandy loam. Good plants, best sizes for
planting, very cheap.
Trade list free on application.

T. R. WATSON, Plymouth, Mass.

Mention the Review when you write.

Smilax Plants.

SEEDLINGS.

From flats or transplanted.
Write for prices.

GEO. SOUSTER, - ELGIN, ILL.

Mention the Review when you write.

CHRYSANTHEMUMS....

Special prices on the following new varieties
introductions of 1899. Plants in fine shape.
Order quick; it is getting late.

	Per doz.	Per 100
Willow Brook, ex. early, large white	\$1.50	\$10.00
Harry A. Parr, lemon yellow, early fine commercial variety.....	1.50	10.00
Lady Harriett, large early deep pink	1.50	10.00
Robt. Halliday, fine large yellow, early, midseason.....	1.50	10.00
John K. Shaw, fine com'ercial pink, globe shaped, early, midseason, scored 92 points.....	1.50	10.00
Adele, grand delicate pink, early, scored 94 points.....	1.50	10.00
Mrs. T. L. Park, grandest of all yel- lows, ball shaped, midseason ..	3.00	20.00
25 plants at 100 rate. Other new and standard sorts. Send for list.		

H. WEBER & SONS, - OAKLAND, MD.

Mention The Review when you write.



**Palms
and Ferns**

The Largest Stock of
Plants in the West.

Send us your name
and we will keep you
posted when we have anything special to offer.

**GEO. WITTBOLD, 1708
N. Halsted St. CHICAGO.**

Hardy Cut Ferns 50c
per 1000

We will ship the best Hardy Cut Fancy or Dag-
ger Ferns that grow in the Old Berkshire Hills at
the very low price of 50c per 1000, from June 22 to
July 10. Cash with order or C. O. D. at this price.
Keep this ad. for future reference as it may not
appear again. All orders by mail or wire promptly
attended to. Address all orders to

H. J. SMITH, Box 181, Hinsdale, Mass.
Mention The Review when you write.

PEACOCK'S New Dahlias

For 1899-Best New Varieties.
Best Old Varieties.

Send for our New Illustrated Trade List before ordering
elsewhere.

Peacock's Dahlias always received highest awards
over all competitors. Forty-six first prizes out of
forty-nine entries during past four years--an un-
equaled record.

Best New and Standard Carnations -
Beautifully illustrated and accurately described in
our Trade List. Send for copy.

Surplus Stock of Mixed Dahlias -
At right price. Also Dahlias under color.
Correspondence Solicited.

W. P. PEACOCK, - Ateo, N. J.
Mention The Review when you write.

BOSTON.

The Market.

The past week has been a repetition of the last few, and the usual summer dullness, with quantities of stuff, low prices and myriads of fakirs, has been the result. Among the retailers the trade has been confined to funeral and wedding orders, with quite a little steamer trade; this takes the better grade of flowers, leaving quantities of poorer grades for street selling. Roses are now, especially the run of Brides and Maids, very small, and sell slowly at from \$2 to \$5 per 100; Kaiserins are yet rather scarce, good quality will easily bring from \$6 to \$10 per 100; Meteors are poor, \$4 to \$6 being a quotation. McCarthy is, however, receiving a limited quantity from A. N. Pierson, of Cromwell, Conn., which easily bring \$10. There is no change in the quotation of Beauties; first class stock rather scarce.

Carnations are brought in daily by the wagon load and it is a conundrum where so many disappear. They are quotable from 35 to 75 cents per 100; a few fancies bringing \$1.50 and \$2. Valley from outside is about done, which will probably bring up the price to \$4 per 100 next week; the prevailing price has been \$2. Lilies of all kinds are out of the market; paeonies plenty, averaging about \$2 per 100; plenty of spiraea, feverfew, etc., which are unquotable, but go to make up a variety.

The News.

The plant trade this season is about done and everybody seems well satisfied. There has been an unexceptional call for hydrangeas of large sizes. J. Galvin, doing business as Galvin & Co., wholesale florists, has been petitioned into bankruptcy. The coming rose and strawberry show bids fair to excel all former exhibitions; it is to be held on June 22 and 23.

ORCHID COLLECTING.

will some kind reader of The Florists' Review please tell me of some book published on an orchid collector's life in the wild country.

G. L. E.

There is a book published by a Mr. Millican called "Adventures of an Orchid Hunter." It was published in England a few years ago but we have no idea where the book can be obtained.

L. & H.

[It could probably be obtained through some of the New York book importing houses.—Ed.]

WHENEVER you need any rare supplies not offered in our advertising columns, write us about it. We will place you in communication with some one who can supply what you want.



REGULAR SHIPPING ORDERS RECEIVE SPECIAL ATTENTION.

WIE TOR BROS.
Wholesale Growers of
CUT FLOWERS, 51 Wabash Ave. CHICAGO.

WHOLESALE PRICE LIST.

American Beauty, extra long stem, per doz., \$3.00	Meteor per 100, \$1.00 to \$6.00
" 21-inch stem 2.50	Bridesmaid..... " 3.00 to 5.00
" 20 " " " " 2.00	Bride..... " 3.00 to 5.00
" 15 " " " " 1.50	Perle..... " 3.00 to 5.00
" 12 " " " " 1.25	Carnations..... " 1.00 to 1.50
" 8 " " " " 1.00	" fancy..... " 2.00 to 3.00

Mention The Review when you write.

FALL BULBS OF ALL KINDS

Write for quotations on your wants now. Should you not receive our list, notify us and same will be mailed.

FLORISTS' SUPPLIES, CUT FLOWERS, ETC.

McKELLAR & WINTERSON,
45-47-49 Wabash Avenue.CHICAGO, ILL.

Mention the Review when you write.

50,000 FIRST QUALITY FORCING ROSES. READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last seven years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

WOOTTON LA FRANCE AMERICAN BEAUTY PRESIDENT CARNOT
3-inch pots, \$8.00 per 100; 4-inch pots \$12.00 per 100.

METEOR, BRIDESMAID, GONTIER, SUNSET, BON SILENE, MERMET,
PERLE, KAISERIN, BELLE SIEBRECHT, MME. HOSTE, NIPHETOS, BRIDE,
GRAFTED ROSES, BRIDE, BRIDESMAID, KAISERIN, PRESIDENT CARNOT,
3 1/2-inch pots, \$15.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

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WHO WANTS THEM?

Per 100

3,500 Bride Roses, 2 1/2-in. pots \$2.50

3,700 Bridesmaid Roses, 2 1/2-in. pots... 2.50

800 Smilax Plants, 2-in. pots ... 1.00

These are **EXTRA FINE PLANTS.**
First come, first served. Remember a good thing don't last long.

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ROSES. The finest plants in the market. Brides, Meteors, Maids and Perles, \$3.00 per 100.

SMILAX. Strong, 2-in. pot plants, ready for planting, \$1.00 per 100; \$5.00 per 1000.

SOUTH SIDE FLORAL CO.,
SPRINGFIELD, ILL.
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Brides, from 3-inch pots, \$3.50 per 100.

Bridesmaids, from 3-inch pots, \$3.50 per 100.

ALLEN & OCKERLUND,
114 Winona Avenue, Station X, CHICAGO, ILL.
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SAMUEL S. PENNOCK, Wholesale Florist

Beginning June 19th to July 1st, will be open from 6:30 a. m. to 8 p. m.
During the summer, commencing July 1st, will close at 6 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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CONSIGNMENTS SOLICITED.

No. 705 Penn Avenue, PITTSBURG, PA.

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MADISON, N. J.

Morris County Gardeners and Florists held their regular monthly meeting in Masonic Hall, on Wednesday night, President Duckham occupying the chair. In spite of the prevailing heat about 30 members were present and two more applications were received. The report of the monthly exhibitions for the year ending in May last was read with awards as follows: For stove and greenhouse plants President Duckham secured most points; in hardy perennials, P. Cox; wild flowers, A. Herrington; vegetables, J. Robertson; roses and carnations, J. Jones.

The matter of a fall show was discussed, the general sentiment being to hold a small show in Madison. An offer of a prize for the most economical fireman was made by Mr. H. W. Gibbons and the idea found favor as being likely to act as a stimulus among some of the younger members of the craft.

Exhibits on hand comprised about 30 varieties of wild flowers and grasses from E. Reagen, Morris Plains; a fine strain of stocks from F. Weber, and hardy perennials in 14 varieties from A. Herrington. The meeting adjourned to the next regular date in September. A. H.

WORCESTER, MASS.—The sixteenth annual chrysanthemum show of the Worcester County Hort. Society will be held Nov. 8th and 9th next. Copies of the premium list may be had on application to the secretary, Mr. A. A. Hixon, 18 Front St.

DENNISON, TEX.—T. V. Munson & Son are building a large greenhouse at their nursery.

SPRINGFIELD, MASS.—The Massachusetts State Legislature has enacted a law defining as a misdemeanor the destruction of the roots of the trailing arbutus in picking the flowers.

NEWBURGH, N. Y.—The Newburgh Floral Co. is erecting a carnation house 46x165.

ROSES. Carnations
VALLEY FERN.
GALAX, and
IVY LEAVES,
and all kinds of
Seasonable
Flowers
in Stock.



We get daily new customers because we have the reputation that all orders are punctually filled.

Consignments of good stock solicited.

Long Distance Telephone 2985.

WM. F. KASTING & CO., F. STOKES, Manager.

Wholesale Florists. 444 Sixth Ave.

All kinds of FLORISTS' SUPPLIES and WIRE DESIGNS on hand.

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Galax Leaves...

For Summer Use in Cold Storage. Write the Introducer,

HARLAN P. KELSEY, 1106 Tremont Bldg., - BOSTON, MASS.

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HARDY CUT FERNS

NEW CROP. NOW READY. Fancy or Dagger, 75 cts. per 1000. Also Laurel, Moss, Lycopodium. Prompt attention to all orders.

JOHN ABBOTT, Hinsdale, Mass.

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404 - 412 East 34th St., New York, NEAR THE FERRY. Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

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The practical leaders to correct order taking in hurried hours. Single sample free. Pad of 100 sheets, mailed for 24 cents in stamps. Ten Pads (1000 sheets), by express, \$1.75.

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GIVE US A TRIAL. WE CAN PLEASE YOU.



Roses, Carnations and all kinds of Seasonable Flowers in stock.

WM. F. KASTING, Wholesale Commission Florist. 451 Washington St., BUFFALO, N. Y. Also Dealer in Florists' Supplies and Wire Designs.

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WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.

Original Headquarters for CARNATIONS.

Mention The Review when you write.

EDWARD REID,

Wholesale Florist,

1526 Ranstead St., PHILADELPHIA, PA.

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Pandanus Veitchii Clean Stock, Pedestal Grown.

6-in. pots, \$1.00 each; \$12.00 a dozen. Also larger sizes. Send list of sizes required and get rates. Also a few white leaved plants at half price, for decorative effects or cutting up.

JOHN WELSH YOUNG, - Germantown, Pa.

Upsal Station, Penn. R. R.

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Rose Hill Nurseries.

Palms, Orchids, Roses, Ferns

AND FOLIAGE PLANTS.

Largest stock in America.

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New Rochelle, N. Y.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ALTERNANTHERAS.

From hot-beds, strong, 25 cents per dozen, \$1.00 per 100.
Seawanhaka Greenhouses, Oyster Bay, N. Y.

P. major and A. nana, 2-inch pots, \$2.00 per 100, \$15.00 per 1000.
Wm. Kidd, 2984 Atlantic av., Brooklyn, N. Y.

Rooted cuttings, A. nana and R. nana, 60 cents a hundred; \$5.00 a 1000. Cash please.
A. J. Baldwin, Newark, O.

Red alternanthera; 8,000 plants in good condition, at \$2.50 per 100. Cash with order.
Chas. Knapp, Mermaid, Chestnut Hill, Philadelphia, Pa.

AMPELOPSIS.

Ampelopsis Variegata, \$5.00 per 100.
A. & G. Rosbach, Pemberton, N. J.

Ampelopsis Veltchil, 2-inch, \$2.00 per 100.
Geo. M. Emmans, Newton, N. J.

2000 Ampelopsis Veltchil, dormant, pot-grown, one year, 3 cents; 2 year, 6 cents. Cash with order.
Benj. Connell, West Grove, Pa.

ASPARAGUS.

A. plumosus, 2½-inch, \$5.00 per 100.
Morris Floral Co., Morris, Ill.

Asparagus Sprengerii, 2-inch, \$4.00 per 100.
Asparagus plumosus, 2-inch, \$5.00 per 100.
Carl Hagenburger, West Mentor, Ohio.

1100 Asparagus Plumosus from 2½-in. pots, \$5.00 per 100. Windsor Flower Seed Co., Box 355, Windsor, Ont.

Asparagus plumosus nanus, fine 2-inch pot plants, \$4.00 per 100. A. Sprengerii, 2-inch, \$3.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Asparagus Sprengerii, 2-in., 24 for \$1.50, mailed; \$4 per 100, express. 3½-in., 24 for \$2.50, mailed, \$7 per 100, express.
A. Blanc & Co., Philadelphia.

Asparagus Sprengerii, seedlings, from soil, with fine tubers, ready for 3-inch pots. By mail, and we pay postage, \$3.00 per 100.
American Rose Co., Washington, D. C.

A. plumosus nanus, 5-inch pots, \$20.00 per 100; 6-inch pots, \$25.00 per 100. Asparagus seed, home grown, \$1.00 per 100; \$3.00 per 1000.
W. F. Kasting, 481 Wash. St., Buffalo, N. Y.

ASTERS.

Semple's Asters, white, rose and shell pink, \$2 per 1000.
A. & G. Rosbach, Pemberton, N. J.

BEGONIAS.

Rex begonias, 2-inch, \$2.00 per 100; 3-inch, \$4.00.
Geo. M. Emmans, Newton, N. J.

Assorted, 3-inch pots, 60 cents a dozen, \$4.00 a hundred.
Seawanhaka Greenhouses, Oyster Bay, N. Y.

7000 Begonias, 10 varieties, 2½ and 3-inch, \$1.50 per 100; \$12.00 per 1000.
Morris Floral Co., Morris, Ill.

Alba picta, A. guttata, Feastl, and others, 2-inch, \$2.00 per 100. Cash please.
A. J. Baldwin, Newark, Ohio.

Double tuberous rooted, fine plants in 3½-inch pots, just ready to bloom, \$10.00 per 100.
F. R. Pierson Co., Tarrytown N. Y.

Begonia manicata aurea, the finest of all the ornamental leaved begonias, \$5.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Rex, extra fine, from 4-inch pots, assorted, \$10.00 per 100. Vernon and Argentea guttata, from 2-inch pots, \$2.50 per 100.
Paul Mader, East Stroudsburg, Pa.

5000 Begonia Rex, 2-inch, \$1.00 per 100; 3½-inch, \$10.00 per 100. Louis Closson, \$4.00 and \$6.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

BOUARDIAS.

August is the time to plant. \$2.50 per 100.
McCrea & Cole, Battle Creek, Mich.

BULBS.

Fall bulbs of all kinds. Write for quotations on your wants now.
McKellar & Winterson, Chicago.

Freesia Bulbs, refracta alba and hybrids. Try California grown bulbs, save the duty and get sound stock, true to variety. Headquarters for Calla ethiopia. Order early if you wish to secure full delivery. Ask for prices. Germain Fruit Co., Los Angeles, Cal.

Freesias, July delivery. White with yellow throat, ¾ to 1½-in., 40 cents per 100; \$3.00 per 1000; 1½ to ¾-in., 60 cents per 100, \$4.50 per 1000. Pure white, ¾ to 1½-in., 60 cents per 100, \$4.00 per 1000; 1½ to ¾-in., 75 cents per 100, \$6.00 per 1000. Callas and all forcing bulbs. Send for new price-list. Early orders save 10 per cent.
H. H. Berger & Co.,
47 Barclay St., New York.

CANNAS.

Best bedding sorts, 3-inch, \$3.00 per 100.
Geo. L. Miller, Newark, Ohio.

Ten leading varieties, from flats \$30 per 1000.
John Scott, Keap St., Brooklyn, N. Y.

Dry roots, assorted, 50 cents a dozen, \$2.50 a hundred.
Seawanhaka Greenhouses, Oyster Bay, N. Y.

Cannas, mixed, 3-inch pots, \$3.00 per 100. Send for sample. Cash with order.
Fred. Boerner, Cape May City, N. J.

Fine plants, 3½-inch pots, Austria, Chas. Henderson, Florence Vaughan, J. D. Cabos, Queen Charlotte, Thos. S. Ware, Alphonse Bouvier, Creole, Francois Crozy, J. C. Vaughan, Paul Bruant, Admiral Courbet, Doyen J. Sisley, E. P. Pierson, John White, Paul Marquand, Burbank, Ezandale, Italia, Oriole, Pres. Carnot, \$6.00 per 100.
Souv. de Antoine Crozy, Pierson's Premier, Comte de Bouchard, Papa, Eldorado, \$8.00 per 100.
Wood Bros., Fishkill, N. Y.

CARNATIONS.

From 4-inch pots, fine stock, \$12.00 per 100.
Wood Bros., Fishkill, N. Y.

Maud Dean, H. White, Alaska, Meteor, \$2.00 per 100.
Alvah L. Reynolds, Madison, N. J.

Carnation Cuttings all sold. Field grown plants for fall delivery.
F. Dorner & Sons Co., Lafayette, Ind.

Scott, Alaska, well established plants, \$1.00 per 100. Cash with order.
Chas. H. Proctor, W. Milford, N. J.

Rooted Cuttings all sold. We are booking orders for field grown plants.
Geo. Hancock & Son, Grand Haven, Mich.

Best new and standard carnations, beautifully illustrated and accurately described in our trade list. Send for copy.
W. P. Peacock, Atco, N. J.

New hybrid Carnation Vulcan. A first class summer flowering variety, flowers medium size, a pleasing shade of red, \$5.00 per 100.
C. Eisele, 11th and Jefferson Sts., Phila., Pa.

Rooted Cuttings from sand and soil, good, strong, clean stock. Scott, Daybreak, Portia, Alaska, \$1.50 per 100; McGowan, Albertini, \$2.00 per 100; Ganesse, \$2.50 per 100; New York, Evelina, \$5.00 per 100.
Lake View Rose Gardens, Jamestown, N. Y.

From 2½-inch pots. Flora Hill, Jubilee, Triumph and Morello at \$2.25 per 100. Albertini, Bridesmaid and Kohinor at \$1.50 per 100. Rose Queen, Peach Blow, Wm. Scott, L. McGowan and Meteor at \$1.25 per 100.
Logan Ave. Greenhouses, Danville, Ill.

Strongly rooted and must be sold to make room. Flora Hill, Armazindy, Mayor Pingree, \$2.00 per 100; \$15.00 per 1000.

Harrison's White, Portia, Scott, Eldorado, Rose Queen, McGowan, \$1.25 a 100; \$10 a 1000.
Jos. Renard, Unionville, Chester Co., Pa.

Fine plants, well established in 2 and 3-inch pots, of Scott, Meteor, Bon Ton, Jubilee, Victor, Daybreak, New York, E. Pierson, Mayor Pingree, John Young, etc., 2 and 2½-in., \$20.00 per 1000; 3-in., special price on application.
Harkett's Floral Nursery, Dubuque, Ia.

New Carnation Alma. The originator, Mr. Caspar Aul, has at last decided to let it go, color a little deeper than Argyle, but brighter. It has produced more flowers than any variety we have, tested five years. \$1.50 per doz.; \$8.00 per 100; \$70.00 per 1000.
C. Merkel & Son, Mentor, Ohio.

CHRYSANTHEMUMS.

In good variety, from 2½-inch pots, \$2.00 per 100. Cash with order.
R. Vincent, Jr. & Son, White Marsh, Md.

Frank Hardy, Modesto, Bonnaffon, \$2.50 per 100. First class stock.
Alvah L. Reynolds, Madison, N. J.

Novelties and standard varieties. Healthy young stock for benching. Send for list of varieties and prices.
Nathan Smith & Son, Adrian, Mich.

Mrs. H. Robinson, Glory of the Pacific, J. Jones, E. Dailedouze, and other good varieties, 2½ in., \$2.50 per 100.
A. J. Baldwin, Newark, Ohio.

Merry Monarch, Phoebus, Modesto, Philadelphia, Whildin, V. Morel, M. Dean, Bonnaffon, Yanoma, Pink and White Ivory, L. Cannig, 2 inch, \$2.00 per 100. Yellow Ivory and Pennsylvania (new), 60c. per doz.
J. G. Eisele, 20th & Ontario sts., Phila., Pa.

If you want to grow cut 'Mums for profit from an early pure white, I recommend you, by my own experience, to grow the Merry Monarch. The first flowers, which are very large, bring from \$1.50 to \$3.00 per dozen, and the large number of side shoots which come out afterwards, often from 25 to 40 on one plant, bear also large flowers for funeral designs, which make it very valuable. Strong rooted cuttings now ready, \$2.50 per 100; \$20.00 per 1000. Cash with your order, please.
Godfrey Aschmann, Rising Sun, Phila., Pa.

Last call for chrysanthemums. The following from 2-inch pots: H. W. Krieman, Evangeline, J. M. Clifford, Mrs. H. Weeks, Maud Adams, Golden Trophy, Major Bonnaffon, Yellow Monarch, Mrs. S. T. Murdoch, Pink Ivory, Rose Owen, Belle of Castledwood, Katherine Leech, Lady Playfair, \$2.50 per 100; \$20.00 per 1000. Black Hawk, Alice Carey, Robt. Carey, Solar Queen, Yellow Fellow, Miss Gladys Vanderbilt, Pennsylvania, Champwee, Mrs. O. P. Bassett, Autumn Glory, Snow Queen, Frank Hardy, Mrs. C. H. Peirce, Quito, \$4.00 per 100; \$30.00 per 1000. Admiral Dewey and Carrie Bell, \$15.00 per 100. Rooted cuttings: Belle of Castledwood, Glory of Pacific, Mrs. H. Robinson, Yellow Monarch, Mrs. H. Weeks, Midge, \$10.00 per 100. Mrs. O. P. Bassett, Solar Queen, Pennsylvania, Autumn Glory, Frank Hardy, Black Hawk, \$20.00 per 1000. The Cottage Gardens, Queens, N. Y.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Leading Mums: Yellow—Bonaffon, Modesto, Johnson, Jones, Golden Trophy, Emil Buettner, Sunderbruch, Eisman, Maud Adams, W. H. Lincoln, Yellow Queen, Golden Wedding, Henderson, Pink—Perrin, Ivory, Jones, Y. Viand-Morel, Murdock, Glory of the Pacific, Marquis de Montmort, White—Mayflower, Geo. S. Kalb, Ivory, Robinson, Jones, Iron Woodford, Gretchen Buettner, Schrimpton, Lottie Berry, Minnie Wanamaker, Fitzwygram, Bergman, Red—Mrs. J. H. Weeks, Defender, 2½-in., \$2.50 per 100; \$20.00 per 1000.
 Pochlmann Bros., Morton Grove, Ill.

Special price of \$1.50 per dozen and \$10.00 per 100 on the following new varieties, introductions of 1895; plants in fine shape: Willow Brook, extra early large white; Harry A. Parr, lemon yellow, early, fine commercial variety; Lady Harriet, large, early, deep pink; Robt. Halliday, fine, large, early mid-season yellow; John K. Shaw, fine commercial pink, globe shaped, early mid-season, scored 82 points; Adele, grand delicate pink, early, scored 94 points. Special price of \$3.00 a dozen or \$20.00 per 100 on Mrs. T. L. Park, grandest of all yellows, bell-shaped, mid-season. 25 plants at 100 rate. Other new and standard sorts. Send for list.
 H. Weber & Sons, Oakland, Md.

CLEMATIS.

Clematis. Special offer of young plants. Florists—why not grow your own plants; they will sell you better than any you can buy. I offer nice, young, well-hardened plants, 10 varieties, best sorts, free by mail, for \$1.00; per 100, \$8.00; 25, same rates. Strong plants from 5-in. pots, in ass't, \$2.50 a dozen.
 P. A. Baller, Bloomington, Ill.

CYPERUS ALTERNIFOLIUS.

Fine stock, 2½-in. strong, \$1.50 per 100; \$13 per 1000. Farrow Bros., Guthrie, Okla.

COLEUS.

Ten best bedders, 2½-inch, \$1.50 per 100. Morris Floral Co., Morris, Ill.

Best bedding varieties, 2½-inch, 50 cents a dozen, \$2.00 per 100. Seawanhaka Greenhouses, Oyster Bay, N. Y.

Leading sorts, 2½-inch pots, \$3.00 per 100, 3-inch pots \$5.00 per 100. Wood Bros., Fishkill, N. Y.

Verschaffeltii, Golden Bedder and mixed varieties, from 2½-inch pots, \$2.00 per 100. Nicholas Amos, Crestline, O.

Verschaffeltii and Golden Bedder, \$2.00 per 100; \$15.00 per 1000. Satisfaction guaranteed. Cash with order. Geo. L. Miller, Newark, Ohio.

Coleus, mixed, 60 cents per 100; \$5.00 per 1000. Cash or C. O. D. See other stock in our general adv. in this issue. Greene & Underhill, Watertown, N. Y.

DRACAENAS.

Dracaena Indivisa, from flats, 50 cents per dozen \$3.00 per 100. Paul Mader, East Stroudsburg, Pa.

Dracaena Indivisa, quality unexcelled and in any quantity, 7-inch pots, 2½ feet high, \$75.00 per 100; 8-inch pots, 3 feet, \$100.00 per 100; 8-inch pots, 3½ feet, \$125.00 per 100; 9-inch pots, 3½ to 4 feet, \$18.00 per dozen. Measurements all above the pots.
 John Scott, Keap St., Brooklyn, N. Y.

Dracaena Indivisa, one of the most useful plants for center of vases, baskets, etc. We have a fine stock, which we can supply as follows: Small plants, 3½ in. pots, 15-18 in. high, \$1.50 per doz. Extra strong plants, 6 in. pots, 2 to 2½ ft. high, \$6.00 per doz.
 F. R. Pierson Co., Tarrytown N. Y.

FERNS.

Boston ferns, 6-inch pots, \$6.00 a dozen. John Scott, Keap St., Brooklyn, N. Y.

Extra fine lot of Bostoniensis ferns, ready for 5-inch pots. Geo. A. Kuhl, Pekin, Ill.

Aspidium proliferum (lace fern), the best all around fern in existence, \$5 per 1000. A. & G. Rosbach, Pemberton, N. J.

500 Nephrolepis cordata, sword fern, 2 and 2½ inches, \$3.00 per 100. Cash with order. Geo. M. Emmans, Newton, N. J.

I have about 20,000 ferns in fine assortment, from 2-inch pots, in fine condition, \$3.00 per 100; \$27.50 per 1000. John Bader, Troy Hill, Allegheny, Pa.

Nephrolepis Exaltata Bostoniensis. The handsomest decorative plant in cultivation, \$5.00 per 100; \$40.00 per 1000. Mine is the genuine stock. Fred C. Becker, Cambridge, Mass.

Boston Fern, we have a large stock in large sizes, which we can supply as follows: Fine strong plants, 8 in. pans, \$9.00 per doz.; extra strong plants, 10 in. pans, \$1.00 to \$1.50 each, according to size.
 F. R. Pierson Co., Tarrytown N. Y.

GERANIUMS.

1000 Single Grant, 3-inch, fine, \$4.00 per 100. Geo. M. Emmans, Newton, N. J.

Bedding geraniums, 4-inch pots, \$6.00 per 100; 3-inch, \$4.00 per 100. First class stock. Crabb & Hunter, Grand Rapids, Mich.

Geraniums, 4-inch, mixed for stocks, \$5.00 per 100. 2½-inch, mixed for stocks, \$2.00 per 100. Carl Hagenburger, West Mentor, Ohio.

Geraniums, white, pink and scarlet, single and double, 3-inch pots, 75 cents per dozen, \$4.00 per 100. Seawanhaka Greenhouses, Oyster Bay, N. Y.

Geraniums, double and single, 4-inch pots, \$7.00 per 100, 3-inch \$5.00, 2½-inch \$4.00. Ivy, fine variety, 4-inch \$8.00, 2½-inch \$3.00. Wood Bros., Fishkill, N. Y.

First class assortment, from 2-inch pots, \$3.00 per 100; 3½-inch pots, \$6.00; 4-inch, \$8.00. Mars stock plants, \$3.00 per dozen. Cash with order. John Reck, Bridgeport, Conn.

Ivy Geraniums, Souv. de Chas. Turner, extra fine, in bud and bloom, 4-inch, \$6.00 per 100. Rose and Mrs. Taylor geraniums, 2-inch, \$2.00 per 100. A. J. Baldwin, Newark, O.

Fine plants from 2½-inch pots, Silver Leaf and Mrs. Pollock, \$4.00 per 100; Mrs. Parker, Happy Thought and Freak of Nature, \$6.00 per 100; Rose scented from 2-inch pots, \$3.00 per 100. Rooted cuttings, mixed, \$1.25 per 100; Mme. Sallerol, \$1.25; Silver Leaf, \$1.50; Rose, \$1.50; Mrs. Pollock, \$2.00; Freak of Nature, \$4.00; Mrs. Parker, \$4.00; Happy Thought, \$3.00; Mars, \$3.00; Mme. Bruant, \$2.00; Ivy, \$1.50. Cash or C. O. D.
 Greene & Underhill, Watertown, N. Y.

HARDY PLANTS.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

Choice trees and hardy plants. Specialties: Azalea amoena, Ithodendrons, Kalmias, blue spruce. New introductions of hardy perennials. Catalogue free. Newport Nurseries, Newport, R. I.

Hardy Herbaceous Perennials. The most complete stock in America. Paeonies, Phlox, Iris, Delphiniums, etc., etc. Jacob W. Manning, The Reading Nursery, Reading, Mass.

Hardy shrubs. Assorted in twenty varieties, 1 and 2 year old, fine plants \$50.00 per 1000. Three and four years old, strong bushes \$80.00 per 1000. Descriptive catalogue and wholesale price list of ornamental nursery stock for all in the trade.
 Samuel C. Moon, Morrisville, Bucks Co., Pa.

ORCHIDS.

Just received in fine condition. Cattleya Labiata, C. Dowiana, C. Skinnerii, C. Granulosa, Laelia, anceps, L. a. alba and L. adtumulalis; also Cattleya Mossiae and C. speciosissima, all direct from the Tropics. Lager & Hurrell, Summit, N. J.

Cattleya granulosa, a beautiful Brazilian cattleya, from 1½ to 2½ feet high, \$15.00 per doz. plants. Oncidium varicosum Rogersii, \$15.00 per doz. Cattleya Warneri, fresh, imported plants, \$2.00 each. Cattleya labiata, fine, well leaved pieces, 12 cents per bulb. Cash with order. Adolph A. Sachse, 96 Hudson Ave., Station I, Hoboken, N. J.

PALMS.

Palms and Ferns. Largest stock of plants in the west. Geo. Wittbold, Chicago.

Palms and Decorative Plants. Largest stock in America. Siebrecht & Son, New Rochelle, N. Y.

Palms and Decorative Plants in quantity. Anton Schultheis, P. O. Box 78, College Point, Queens Borough, New York.

Latania Borbonica. We can supply a fine lot of extra sized plants, suitable for lawn or hotel decoration, plants 3 to 4 ft. high, extra heavy, \$4.00 to \$5.00 each, according to size. F. R. Pierson Co., Tarrytown, N. Y.

Latania borbonica, 3-inch pots, \$1.25 per doz.; \$10.00 per 100. 3-inch pots, \$5.00 per doz.; \$40.00 per 100. 6-inch pots, \$9.00 per doz.; \$75.00 per 100. Phoenix reclinata, 5-inch pots, \$7.50 per doz.; \$60.00 per 100. Seawanhaka Greenhouses, Oyster Bay, N. Y.

Latania Borbonica, 2-inch pots, 60 cents per doz.; \$4.00 per 100. 4-inch pots, \$2.50 per doz.; \$20.00 per 100. 5-inch pots, extra fine, \$1.75 per doz.; \$35.00 per 100. 6-inch pots, \$9.00 per doz.; \$70.00 per 100. 8-inch pots, from \$1.50 to \$2.25 per plant; \$16.00 to \$24.00 per doz. Fine specimen plants, from \$3.00 to \$5.00 apiece.

Arcaea Lutescens, 4-inch pots, \$25.00 per 100. Fine large plants from \$5.00 up. Kentia Balmoreana and Forsteriana, 4-inch pots, \$35.00 per 100; 5-inch pots, \$50.00 to \$75.00 per 100; 6-inch pots, \$1.00 to \$1.25 apiece. Large plants from \$3.00 to \$10.00 apiece.

Phoenix, Reclinata, Canariensis and Rupicola, all sizes from 2 to 10 inch pots, at lowest prices. Phoenix Reclinata, 4-inch pots, 20 cents each, \$18.00 per 100; 5-inch pots, 35 cents each, \$30.00 per 100; 6-inch pots, 60 cents each, \$55.00 per 100.

Cocos Weddelliana, 2-inch pots, fine, \$15.00 per 100, and larger plants from 20 cents up. John Bader, Troy Hill, Allegheny, Pa.

PRIMULAS.

Baby Primrose, the newest thing for Easter blooming. Flowers in thumb pots; grows rapidly, 6-in. pot, carry 50 to 100 sprays of rosy flowers, 12 to 18 in. long; lasts 4 weeks when cut and wholesale at \$2 per 100; grows finely in cool house; perpetual bloomer. 12 for \$1.50; \$10 per 100, express prepaid.

A. Blanc & Co., Philadelphia.

Chinese Primrose Seed. New crop. Well known as the finest large flowering fringed varieties grown. Not to be compared to cheap imported seed. Special florists' packet of thirteen (13) varieties, single and double, mixed, 400 seeds, \$1.00; half packet, 50 cents. Primula Obconica Grandiflora Rosea, the finest of the improved Obconicas, 1000 seeds, 50c. A packet Primula Florida added to every order. Strictly cash prices.
 John F. Rupp, Shiremanstown, Pa.

Primula Sinensis Fimbriata. Prize sorts. Every possible care has been taken in the selection and harvesting and the results cannot fail to be entirely satisfactory. Per trade packet of about 200 seeds 50 cents each for following: Cheswick Red, bright crimson; Village Maid, white, striped with crimson; Rosy Morn, bright pink; Alba Magnifica, white; Coccinea Superba, crimson; Caerulea, bluish blue.
 Stumpp & Walter Co., 50 Barclay St., New York.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

ROSES.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

Bride, Bridesmaid, 3-inch, \$4.00 per 100, \$35.00 per 1000.
C. Merkel & Son, Mentor, Ohio.

3500 Brides and 3700 Maids, extra fine plants from 2½-inch pots, \$2.50 per 100.
McDonald & Steele, Crawfordsville, Ind.

Surplus roses, Brides and Maids, first class stock, from 3-inch pots, \$4.00 per 100.
Crabb & Hunter, Grand Rapids, Mich.

Brides and Maids, 3-inch, \$5.00 per 100, \$40.00 per 1000. This stock will please you.
C. Humfeld, Clay Center, Kans.

American Beauties, strong plants, from 4-inch pots, \$10.00 per 100. Cash with order.
John B. Goetz, Saginaw, W. S. Mich.

Meteor, Kaiserin, Bridesmaid, in 3-inch pots, ready for planting, strong plants, \$5.00 per 100.
T. E. Bartram, Lansdowne, Pa.

Roses, The finest plants in the market. Brides, Meteors, Maids and Perles, \$3.00 per 100; South Side Floral Co., Springfield, Ill.

10,000 Bridesmaids, from 2½-inch pots, \$6.00 per 100; \$50.00 per 1000. From 2½-inch pots, \$3.00 per 100.
Edw. J. Taylor, Southport, Conn.

Brides and Maids, from 3-inch pots, \$3.50 per 100. Cash with order.
Allen & Ockerlund, 114 Winona Ave., Sta. N, Chicago.

American Beauties, from 3-inch pots, strong, clean, healthy plants, \$9.00 per 100, \$80.00 per 1000. This price is for the trade only.
Jos. Heacock, Wyncote, Pa.

Good, strong plants in 3½-inch pots, \$3.00 per 100. 800 Perles, 80 Maids, 1000 Brides, 1000 Mermets, 1000 Kaiserin. Cash with order.
Mrs. J. W. Crouch, Chattanooga, Tenn.

Extra fine, clean stock, guaranteed to please. 3-inch Brides and Maids, \$4.00; \$35.00 per 1000. 2½-inch Meteors, \$3.00 per 100; \$25 per 1000.
Pochlmann Bros., Morton Grove, Ill.

1000 Brides, 1000 Maids, 200 Carnots, strong, healthy plants, from 2½-inch pots, \$3.00 per 100; Meteors in 2½-inch pots, \$6.00 per 100. Order quick.
L. L. May & Co., St. Paul, Minn.

Bride, Bridesmaid, Duchess de Brabant, Little White Pet, Maman Cochet, Marechal Niel, Marie Guillot, Meteor, Pink Souperit, in 3 and 4-inch pots, \$10.00 per 100.
Elizabeth Nursery Co., Elizabeth, N. J.

Magna Charta, Mme. Margery, Gloire de Dijon, Mme. Masson, Auguste Mie, Hermosa, Anne de Diesbach, Gem of the Prairie, Prairie Queen and Russels Cottage, \$2.50 per 100.
Williams & Sons Co., Batavia, Ill.

From 5-inch pots, fine clean plants, Gen. Jacqueminot, La France, Clothilde Souperit, Coquette des Alpes, Coquette des Blancches, Louise Odier, at 9 cents, all our own roots.
W. H. Salter, Rochester, N. Y.

Bride, Bridesmaid and Meteor, from 3-inch pots, grown for our own planting; we shall not replant this year; all offered for sale. \$5 a 100; smaller plants, from 2-in. pots, \$3 a 100.
Cliffe's Greenhouses, Germantown, Pa.

Last chance for surplus lot of fine, strong rose plants, from 3 and 4-in. pots, 250 Meteors, 200 Brides, 125 Perles, 100 Bridesmaid, at \$4.00 per 100; also 100 Am. Beauties, 4-in., at \$9.00. The lot for \$35.00.
J. P. Ammann, Edwardsville, Ill.

Meteors from 2½-inch pots, \$2.00 per 100; \$15.00 per 1000; Bridesmaids from 2½-inch pots, \$3.00 per 100; from 3-inch pots, \$5.00 per 100. American Beauty and La France, one year old, 24 inches high, \$30.00 per 1000. No order for less than 500 accepted.
Reinberg Bros., 51 Wabash Ave., Chicago.

50,000 first quality Forcing Roses, ready for immediate planting. Fully equal to those sent out the last seven years, first class and healthy in every respect. Only selected growth from flowering shoots used in propagating. Wootton, Le France, American Beauty, Pres. Carnot, 3-inch pots, \$8.00 per 100; 4-inch pots, \$12.00 per 100. Meteor, Bridesmaid, Gontier, Sunset, Bon Silene, Mermet, Perle, Kaiserin, Belle Siebrecht, Mme. Hoste, Niphotos, Bride, 3-inch pots, \$7.00 per 100; 4-inch pots, \$10.00 per 100. Grafted roses, Bride, Bridesmaid, Kaiserin, Pres. Carnot, 3½-inch pots, \$15.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

Forcing roses, finest stock, Bride and Bridesmaid, 2½-inch, \$2.50 per 100; 3½-inch, \$4.00. La France, 2½-inch, \$2.75; 3½-inch, \$4.00.

Also fine 2½-inch stock Brabant, Marie Lambert, Mme. F. Kruger, Empress of China, Marie Van Houtte, Safrano, Etiole de Lyon, Prairie Queen, Yellow Souperit, Clothilde Souperit, Yellow Rambler, Baltimore Belle, Mrs. DeGraw, Mme. Welche, Marie Guillot, at \$2.50 per 100.

Marechal Niel, The Queen, Beaute Inconstant, Climbing Wootton, Papa Gontier, Hermosa, at \$2.75 per 100.

Niphotos, Climbing Niphotos, Wootton, Crimson Rambler, Pres. Carnot, P. Guillot, Des Blancches, Mme. Plantier, Chlo, Marie Baumann, at \$3.00 per 100.

Also from 2½-inch pots, Hermosa and Marie Lambert, at \$4.00.
The National Plant Co., Dayton, O.

SEEDS.

Giant Pansy, large, flowering varieties, finest grown, 5000 seeds, \$1.00.
J. F. Rupp, Shiremanstown, Pa.

The Jennings' strain of pansy seed. New crop, \$1.00 per packet; \$8.00 per oz.
E. B. Jennings, Box 254, Southport, Conn.

Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.
C. Soltau & Co.,
199 Grant Ave., Jersey City, N. J.

Pansy seed. Choicest prize mixture. German, Scotch and French giant sorts. Per packet of 1000 seeds, 25 cents; ¼ oz., \$1.00. Primula, cineraria, cyclamen, calceolaria seed, fresh by July. Send for list.
H. H. Berger & Co., 47 Barclay St., New York.

Ziergiebel's Market and Fancy strains of pansies are unequalled for size and brilliancy of color and the most popular strains to date. New crop seed ready now. Trade packets of either strain at \$1.00 each. Full directions how to sow and cultivate with every packet.
Denys Ziergiebel, Needham, Mass.

Calceolaria hybrida grandiflora, mixed; Cineraria hybrida grandiflora, mixed; Cineraria hybrida, dwarf; Cineraria hybrida Kermesina; Primula ambriata, choice mixed; Rubra, Alba Magnifica, Cheswick R-d, Meteor, Village Maid. Trade packets, 50 cents and \$1.00. Primula obconica, trade packets, 25 cents; 1-16 oz., 75 cents.
Wm. Elliott & Sons, Dey St., New York.

California seeds. Crop 1899. Perfectly ripened, sure to germinate. Per 1000 seeds, free by mail, cash with order; Musa ensete, \$7.50; Phoenix canariensis, \$2.50; Scaforthia elegans, \$5.00; Washingtonia filifera, 50 cents; Salvia Ing. Clavenad, \$2.00; Swainsona gal. alba, \$2.00. Per lb.: Grevillea robusta, \$3.50; Dracaena australis (berries), \$3.50; Dracaena indivisa (berries), \$2.50.
Southern California Acclimatizing Association, Santa Barbara, Cal.

SMILAX.

Elegant stock, 2-inch, \$1.25 per 100; \$10.00 per 1000.
Furrow Bros., Guthrie, Oklahoma.

Seedlings, from flats or transplanted. Write for prices.
Geo. Souster, Elgin, Ill.

Pot plants ready now, by the 100 or 1000, at \$1.50 per 100.
A. M. Herr, Lancaster, Pa.

Extra fine plants out of 4-inch pots, \$4.50 per 100; \$40.00 per 1000.
Wm. Schweinfurth, Ridgewood, N. J.

Smilax, strong, 2½-inch, \$1.50 per 100; from flats, 50 cents per 100.
Morris Floral Co., Morris, Ill.

Smilax, strong 2-inch pot plants, ready for planting, \$1.00 per 100; \$8.00 per 1000.
South Side Floral Co., Springfield, Ill.

Smilax, strong and thrifty, 2-inch, 60 cents per 100; \$5.00 per 1000. Sample by mail 10 cents. Cash with order.
R. Kilbourn, Clinton, N. Y.

VINCAS.

Vinca Variegata, 3½-inch pots, \$5.00 per 100.
A. & G. Rosbach, Pemberton, N. J.

Vinca Elegans, green foliage, 4-inch pots, \$5.00 per 100.
Wood Bros., Fishkill, N. Y.

Vinca Major, extra fine, 4-inch, \$8.00 per 100; 2½-inch, \$2.25 per 100. Cash please.
A. J. Baldwin, Newark, Ohio.

Vinca Major Variegata and Elegantissima, a fine stock of large plants grown in 3½ in. pots, with fine tops, \$10.00 per 100.
F. R. Pierson Co., Tarrytown N. Y.

Vinca Variegata, strong stock, well rooted, 2-inch pots, \$1.75 per 100.
E. Fryer, Berriman St. & New Lots ave., Brooklyn, N. Y.

VIOLETS.

California violets, strong plants, \$4.00 per 100.
C. G. Nanz, Owensboro, Ky.

Marie Louise, clumps, very large, \$4.00 per 100. Terms cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Pot plants now ready of Marie Louise, Farquhar and Lady Campbell, free from disease, first class stock. Write for prices.
Crabb & Hunter, Grand Rapids, Mich.

CHICAGO.

The Market.

Shipping trade still holds up well. Local trade is fair only, with hopes of something better soon when the school closing season is well open. While the supply of roses is large there is still a scarcity of good shipping stock, good red roses being especially short. Good carnations are none too plenty, but there is an ocean of the other kind.

The supply of paeonies is larger than was anticipated in view of the damage to plants during the past winter, and the quality is excellent.

Quite a number outdoor grown candidum lilies are seen in the market and they move fairly well, though they will undoubtedly go better when there are fewer paeonies to be had.

Among hardy flowers Lychnis chalcidonica has made its appearance, but doesn't seem to appeal much to buyers.

Though the supply of hardy ferns is now equal to all demands the call for smilax seems to keep up, though a lessened demand for asparagus is noticed.

Bassett & Washburn are fortunate in having a good crop of Beauties and Meteors just now when demand is unusually brisk.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

The wholesalers are making arrangements to close at 5 p. m. during July and August.

Club Meeting.

At the last meeting of the Florists' Club the committee on transportation to Detroit reported progress and stated that final arrangements would be announced later. One new member was elected. President Sanders reported that he had presented the nurserymen with a suitable floral display and that the association had passed a vote of thanks to the club for its courtesy.

The paper on "Bulb Growing in the State of Washington" was read by Mr. Andreas Simon and was listened to with close attention. The paper brought out a few questions by members, which were answered by the essayist. A vote of thanks was tendered Mr. Simon.

It was decided to take the usual summer vacation and the officers were instructed to arrange for a number of outings during that period. One of these will probably take the form of a picnic and this is now being considered by a committee.

Various Items.

Wm. Ellison, of St. Louis, was a recent visitor. Mr. Currie, of Milwaukee, was also a caller and while here made arrangements for a supply of flowers during the coming celebration at Milwaukee.

J. Austin Shaw is again with us. Special news item from W. E. Lynch: "It was warm yesterday."

Bowling.

After the last club meeting two games were rolled and the averages were as follows: G. L. Grant, 146; Jno. Degnan, 128; Jos. Reeve, 126; Ed. Winter-son, 116; W. Kreitling, 113; C. Schweigert, 105; P. J. Hauswirth, 102; C. W. Johnson, 101; M. Barker, 92; A. Henderson, 91; R. Kelday, 75; O. Uhlig, 65.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR RENT—Three Greenhouses. One 100 x 20, three-quarter span. Two 100 x 10, full span. All nearly new. Also 100 feet cold frame. Also as much land as may be required. In a live city of 25,000. Address A, care Florists' Review.

FOR SALE—Latest improved Stationary Steam Boiler, used one year. If you are in need of a good boiler write and I will send you particulars. Address Geo. Staffinger, Springville, Erie Co., N. Y.

SITUATION WANTED—By first class man as foreman; wholly trustworthy; references; private place or park preferred. Address X V Z, care Florists' Review.

WANTED—I want to rent, with privilege of buying at end of first year, a medium sized greenhouse, in good condition. West preferred. Address 50, care of Florists' Review.

FOR SALE OR RENT—Four greenhouses and dwelling; good retail stand. A. Claus, Springfield, Ill.

WANTED—Young lady florist for retail store; references required. Address Retail, Box 775, Milwaukee, Wis.

SITUATION WANTED—An up-to-date cut-flower artist, designer and decorator, second to none and a good salesman, now with one of the best firms in the country, wants to make a change; best of reference. For full particulars, address E. V. O., care of Florists' Review.

A RARE BUSINESS OPPORTUNITY.

\$6,000 cash will buy 60,000 ft. of glass, grounds, etc., well stocked with Roses, Carnations, Violets, etc. Do not communicate unless you mean business. Address S. S. S., care Florists' Review.

BUSINESS OPPORTUNITY.

A rare opportunity is open to a hustling business man with some capital to get into a well established and profitable business. A chance of a life-time. Those meaning business may obtain particulars by addressing

ROX, care of Florists' Review.

For Sale or Rent.

Store and Greenhouses located on one of the best boulevards in Chicago.

At a Bargain if taken at once as owner must dispose of. For full particulars enquire of McKellar & Winter-son, 47 Wabash Avenue, - - - CHICAGO.

Mention The Review when you write.

ZIRNGIEBEL GIANT PANSIES.

Market and fancy strains. Unequaled as yet for size and brilliancy of colors, and the most popular strains to date. New colors added every season.

NEW CROP SEED READY NOW. Trade Packages of either strain at One Dollar each.

Full directions with every package how to sow and cultivate.

DENYS ZIRNGIEBEL, NEEDHAM, Mass.

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GOLD FISH and AQUARIUM SUPPLIES.

KEENAN'S SEED STORE. 6112 and 6114 Wentworth Avenue, CHICAGO

Ment Review when you write

THE REGAN ... PRINTING HOUSE ...

Nursery Seed. Florists' Catalogues

87-91 Plymouth Place, Chicago.

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CARNATION Cuttings ALL SOLD.

Field-grown Stock for Fall Delivery.

F. DORNER & SONS CO., La Fayette, Ind.

Mention The Review when you write.

Rooted Cuttings of Carnations ALL SOLD.

We are booking orders for Field Grown Plants.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention the Review when you write.

Some Things YOU WANT.

ASTERS, Comet, White, Pink, Carmine, 2-inch, per 100..... \$1.00
VERBENAS, mixed, 2-in., per 100, 2.00
WHITE AGERATUM, 3½-inch, strong, per 100..... \$3.00

CASH PLEASE.

EDWARD B. JACKSON, STAMFORD, CONN.

Mention The Review when you write.

"NICOMITE"

(PATENT)

VAPOR INSECTICIDE.

No labor required. Harmless to bloom and foliage.

A certain killer of

RED SPIDER, - GREEN FLY, and all other Insect Pests.

AGENTS WANTED.

The Tobacco Warehousing and Trading Company,

LOUISVILLE, KY.

Mention The Review when you write.

Vegetable Plants.

CELERY, White Plume, Golden Self-Blanching, New Rose and other varieties, strong plants, 15c per 100; \$1.00 per 1000. If by mail, add 10c per 100.

CABBAGE, H. Succession, Early Summer, Flat Dutch, Drumhead Savoy and other varieties, strong field plants, 15c per 100; \$1.00 per 1000; \$5.50 per 10,000. If by mail, add 10c per 100.

TOMATO, Livingston's Stone, Favorite, Beauty and Brunton's Best, field-grown, 15c per 100; \$1.00 per 1000; \$5.50 per 10,000. If by mail, add 10c per 100.

Chrysanthemums in good var., from 2¼-in. pots, \$2.00 per 100. Cash with order.

R. VINCENT, JR. & SON, White Marsh, Md.

Mention The Review when you write.

CATLEYA GRANULOSA at \$15.00 per doz. plants.

This is a beautifully flowering Brazilian Cattleya, from about 1½ to 2½ feet high.

Oncidium varicosum Rogersii, \$15.00 per dozen.

Cattleya Warneri, fresh imported plants, with one good lead, at \$2.00 each. Cattleya Labiata, in fine, well leaved pieces, at 12c per bulb. Cash with order.

ADOLF A. SACHSE, Orchid Collector, 96 Hudson Ave., P. O. Station 1, HOBOKEN, N. J.

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EXCURSIONS VIA THE WABASH.

Detroit, Mich., July 3 to 6, account Christian Endeavor Convention. Rate from Chicago, one fare for the round trip.

The Wabash is the direct line from Chicago to Detroit. It is the only line running free reclining chair cars from Chicago to the East. Ask for tickets via the Wabash.

Send postal card for illustrated Wabash official C. E. Folder giving full information as to rates, routes, limits, attractive side trips, etc. Write us about any trip you have in view. We can assist you.

F. A. Palmer, Asst. Gen. Pass. Agt., 97 Adams St., Chicago.

DETROIT.

One of the main points to be remembered in locating one's self in the convention city is that all the main avenues start from or pass the city hall, and that all lines of street railways run their cars past the city hall, thus making it the starting point for each trip one wishes to take.

If you wish to find your position you have only to look up or down any of the main avenues and you will see the Majestic building showing up its fourteen stories, and right alongside of it the city hall. Now, suppose you wish to visit the university town of Ann Arbor or the State Normal school at Ypsilanti, where the beautiful buildings, designed by the M. C. R. R., spoken of by Mr. Hammond last year at Omaha, are located. You can take the cars (which are large and roomy) of the suburban line, and the ride is a beautiful one, full of interest from start to return. There are no large or small greenhouses on this route, for the soil seems more adapted to the education of the young man than the growing of plants, for at Ann Arbor is located the University of Michigan, with a yearly attendance of over 2,500 students from all points of the U. S., and is well worth a visit by anyone interested in such matters.

In the matter of the trade exhibit it is a very noticeable fact than eastern men are quicker to secure space than those of the west. Why is this so? Surely Chicago has as large growers and business houses as those in the east, and should not let the eastern men secure all the blessings of a trade exhibit so near home. They will do well to secure space soon or I shall have to send them to an overflow meeting in the corridor. RAG.

PRIZE FOR THE GUN CLUBS.

The Lockland Lumber Co. has selected the trophy to be shot for by the S. A. F. Gun Clubs at Detroit. It is a solid silver pitcher with ebony base. It stands about 13 inches high and is eight inches wide over all. It will be a prize well worth winning and the Lockland Lumber Co. is certainly entitled to much credit for its generosity.

RACINE, WIS.—Mrs. C. W. Pike has removed to her new building at No. 506 Wisconsin street. The structure has been remodeled from top to bottom and in the basement has been arranged a pretty and attractive flower store. The room is conveniently designed and finished in clear white, giving the surrounding a beautiful effect. Critics who have visited the little store are loud in their praises of the exquisite taste in the arrangements.

HILLSDALE, MICH.—S. J. Shank will build several greenhouses on Bacon St. soon. The main house will be 30x180.

5000 BEGONIA REX.

POT PLANTS.

Abutilon Var, trailing, finest of all for baskets and vases, 2½-in., \$6.00; 3-in., \$10.00; 4-inch., \$15.00 per 100	GERANIUMS—Mrs. Pollock, 2½-in... \$4.00 per 100
Begonia Rex, 2-in. \$4.00; 3½-in., \$10.00 per 100	
Louis Closson, \$4.00 and 6.00	Mrs. Parker, 6.00 "
Fuchsia Trailing Queen, 2½-in. 4.00 "	Happy Thought, 2½-in. 6.00 "
Forget-me-not, winter flowering, 2½-in. 3.00 "	Rose Scented, 2-in. 4.00 "
Cobea Scandens, extra strong, 3-in. 5.00 "	Silver Leaf, 2½-in. 4.00 "
Impatiens Sultana, 2½-in. 3.00 "	Freak of Nature, 2½-in. 6.00 "
Maurandya Vine, 2½-in. 3.00 "	Manettia bicolor, 3-in. 10.00 "
VINCA VAR, extra long, 2½-in., 2.50 "	Asters, seedling ..... .50 "

ROOTED CUTTINGS.

Per 100		Per 100		Per 100	
Alyssum giant, double..... \$1.00	Abutilon, trailing var..... 2.00	Geraniums, mixed..... \$1.25	Mad. Salleron..... 1.25	Geraniums, Pansy..... \$4.00	Violet M. Louise..... .60
Ageratum, blue and white... 1.00	Anthemis, double yellow... 2.00	Silver Leaf..... 1.50	Silver Leaf..... 1.50	Daisy Snow Crest..... 2.00	Impatiens Sultana..... 1.50
Begonia Rex..... 2.00	Incarnata Gigantea 2.00	Rose Scented..... 1.50	Mrs. Pollock..... 2.00	Lemon Verbena..... 1.50	German Ivy..... 1.25
Vernon..... 1.00	Coleus, mixed, per 1000, \$5. .80	Mrs. Parker..... 4.00	Freak of Nature..... 4.00	Lobelia, blue..... 1.00	Manettia bicolor..... 2.00
Fuchsias, assorted..... 1.50	Cobea Scandens..... 1.50	Happy Thought..... 3.00	Mars..... 3.00	Lantana, assorted..... 1.50	VIOLETS, Marie Louise, clumps, very large, per 100, \$4.00
Cuphea (Cigar)..... 1.00		Mad. Bruant..... 2.00	Ivy..... 1.50		

Terms Cash or C. O. D.

GREENE & UNDERHILL, Watertown, N. Y.

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Burpee's Seeds Grow

CRABB & HUNTER, Violet Specialists.

Pot plants now ready of Marie Louise, Farquhar and Lady Campbell; free from disease. All stock; write for prices. Surplus Roses, Brides and Maids, first class stock, from 3-inch pots, at \$4.00 per 100. Bedding Geraniums, 4-inch pots, at \$6.00 per 100; from 3-in. pots, \$4.00 per 100. All first class stock.

GRAND RAPIDS, MICH.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Mention the Review when you write.

REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of WIRE & DESIGNS and Dealers in

FLORISTS' & SUPPLIES

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Live Sphagnum Moss

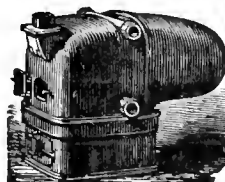
For Orchids, etc., \$1.25 per bbl.

Sphagnum Moss

First quality, \$1.00 per bale; 10 bales, \$8.00.

Z. K. JEWETT & CO., SPARTA, WIS.

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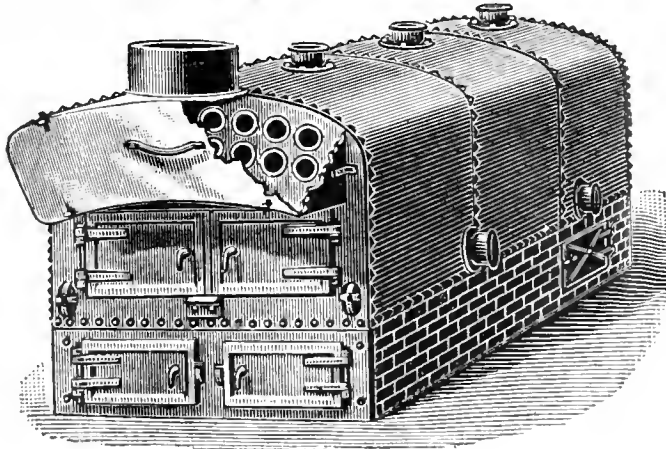
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233 MERCER ST., NEW YORK.
GREENHOUSE BUILDERS
Hot Water Boilers, Pipes, Fittings
Send Four Cents for Catalogue. And Ventilating Apparatus

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Always mention the Florists' Review when writing advertisers.

KROESCHELL BROS. CO.

Oak Park, March 31, 1894.
 Kroeschell Bros. Co., Chicago, Ill.
 Dear Sirs:—In answer to your inquiries I can state that I have had two different boilers in use before I purchased one from your firm, and I can recommend your boiler to anyone who wants a first-class coal boiler for greenhouses. I had the old style Carmody and Devine boilers before using yours.
 Yours truly,
 JOS. F. KLIMMER, Florist,
 Desplaines Ave., opposite Waldheim Cemetery, Oak Park.



Chicago, Ill., March 10, 1894.
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PITTSBURG.

The Market.

The large number of June weddings with their elaborate decorations have made business good. All of the local florists had a share of this business. Considering the season of the year the stock furnished is good. No special surplus is noticeable. The wholesalers report out-of-town trade good. Beauties quoted from \$1 to \$2 per dozen; Brides, Maids and Meteors, from \$2 to \$6; carnations, 50 cents to \$1.50 per hundred; lilies, \$4 to \$6 per hundred; sweet peas, 40 to 75 cents per hundred; valley, \$3 to \$4; gladiolus, \$6 to \$8 per hundred.

News Notes.

Mr. E. C. Ludwig and family left for St. Louis, last Sunday, to attend the Elks' convention.

Miss Mary C. Britenbaugh, daughter of Mr. F. Britenbaugh, was married June 15th to Mr. John P. Krebs. Miss Britenbaugh had charge of F. Britenbaugh & Bros.'s floral establishment in the Allegheny market for a long time.

The home of Mr. Lloyd Swartout of Washington, Pa., was made happy by the arrival of a fine big girl baby.

F. Burki, of Bellevue, is cutting some very fine Beauties.

T. P. LANGHANS.

MILWAUKEE.

Various Notes.

Bedding out spring stock is about completed, although much of it remains undone, owing to the scarcity of bedding stock. Good blooming geraniums were almost impossible to obtain and coleus, cannas and caladiums sold like hot cakes. Private collections were taken up by the residents on the several boulevards for flower beds, which materially helped to clean up the stock.

Demand for cut flowers is very brisk, owing to commencement exercises. Pink and white roses are quite plentiful, but Meteor and Beauties are scarce. Carnations are about equal to demand.

Next week is carnival week, in which the floral parade is one of the most important features, although paper flowers are used exclusively.

GEO. W.

GREENSBURG, PA.—Thomas Harvey, formerly for three years in the employ of D. M. Sheerer & Co., bought the entire interests of that firm and took charge of the business on May 5th last. He will continue the florist business at the old stand on North Main street and the greenhouse near the arch.

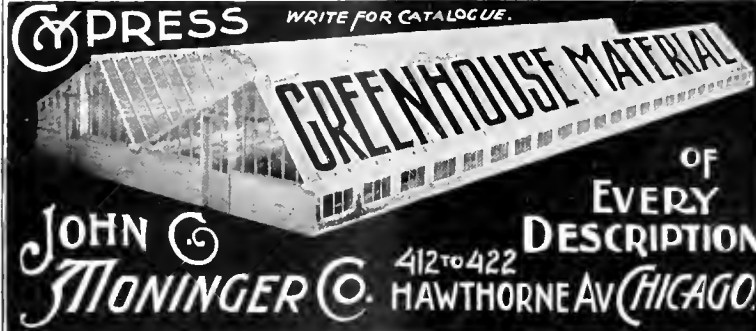
NEW YORK CITY.—The schedules in the assignment of the Bridgeman Company, florists at 1294 Broadway, show: Liabilities, \$22,143; nominal assets, \$13,647; actual assets, \$8,115.

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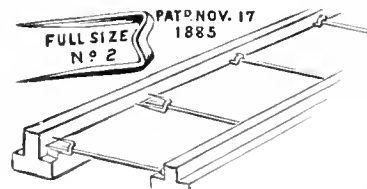
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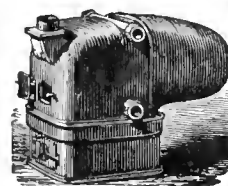
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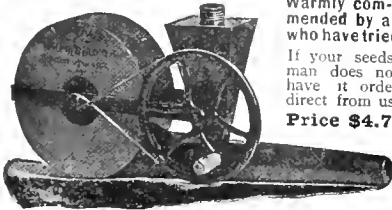
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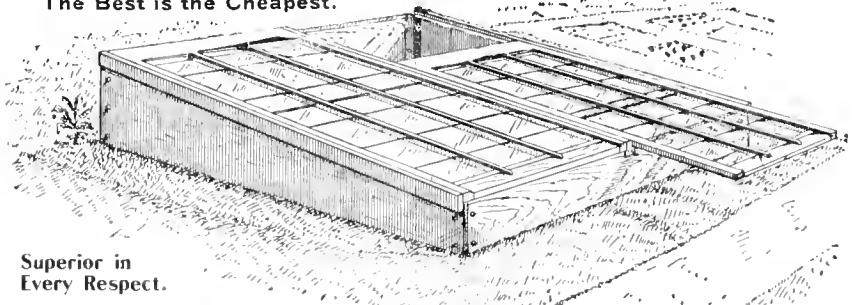
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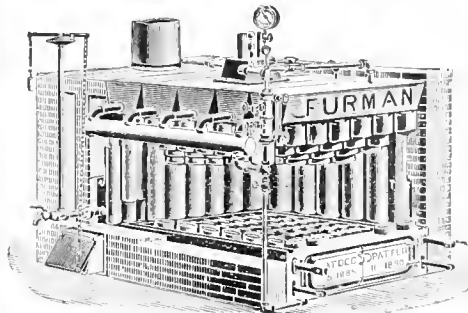
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Vol. IV.

CHICAGO AND NEW YORK, JUNE 29, 1899.

No. 83.

ASPARAGUS.

[From advance sheets of the Florists' Manual, by William Scott.]

Of this genus there are three or four species that are very useful and ornamental plants. The one having the greatest commercial value is *A. plu-*

grows twenty feet high is still called nanus. This is evidently a misnomer.

Seed can be sown at any time. Sow in flats and cover with an eighth of an inch of leaf-mould or sifted Jadoo and keep on a bench where the heat is not less than 60 degrees at night. It is well to be particular as to the

warm house suits it when young, but not a close, heavily shaded one.

An asparagus bed for the production of long strings should be on the ground. My own experience has given me a lesson on this point, and to use the words of Mr. W. H. Elliott, Brighton, Mass., our largest grower of this asparagus, "It should never be divorced from mother earth." One foot of soil on the floor of a lofty house will grow it for many years. Like all its family it flourishes best in rich soil; a good, heavy loam with a fourth or fifth of cow manure is the best compost for it, and in addition put a good dressing on the surface of the bed every midsummer. Although the same bed will last indefinitely I think it more profitable to renew the bed every three or four years. The roof of the house should be at least ten feet above the surface of the bed or you will not get the full benefit of the growth. Specialists like Mr. Elliott have houses twice that height.

It is not only the long strings that are used. The short sprays are in great demand for mixing with cut flowers, particularly bunches of roses. While many short sprays can be cut from the planted beds, many plants are grown on side benches in six inches of soil or in 6 or 8-inch pots with the view of producing sprays only. The plants will, if vigorous, throw up the long running shoots, but by nipping off the tops of the shoots when 18 to 24 inches long the production of branchlets is stimulated.

We have found small plants of *A. plumosus* very useful for fern dishes, outlasting any of the ferns. For this purpose the plants are best kept in 3-inch pots, though for large arrangements of flowers and foliage bushy plants in 4-inch pots are most useful.

A. tenuissimus needs precisely the same treatment as *A. plumosus*, but it is not such a general favorite. Its



Asparagus Plumosus.

mosus. There seems to be some confusion about the name of this species, or there are two varieties. English catalogues make a distinction and call one variety *A. plumosus nanus*. With us the one that was actually dwarf has been lost track of and the one that

source from which you get the seed. Imported seed frequently germinates poorly, but the home grown seed comes freely. We pot the seedlings into 2-inch pots, and if intended to plant in a permanent bed we first shift again into a 4-inch. A good,

very finely divided, graceful branchlets are, however, preferred by some above *A. plumosus*.

A. Sprengeri is a more recent introduction and comes from Abyssinia (the other species are from South Africa). It is a strong grower, forming a large clump of roots and crowns from which it sends out long, strong shoots covered on all sides with fine branchlets. In older plants there is an inclination to run up strong shoots which may climb, but the value and beauty of the plant is in the long, pendent growths. It is a strong feeder and requires an abundance of water and will grow and keep its color in the full sun; only from our hottest suns should it receive any artificial shading.

It is easily raised from seed which is best sown in early spring. By the following winter the plants will give fine sprays. For hanging baskets it has scarcely a rival, either for the conservatory, the veranda or parlor window. The magnificent baskets that remain in good condition while hanging for months in a florist's window are evidence of its great adaptability to unfavorable surroundings. Three small plants put in a 10-inch basket in July or August will make fine orna-

mental baskets for winter, most useful for decoration or to sell at a good profit. While the *Sprengeri* lacks a little of the grace and fineness of *plumosus* and *tenuissimus* it is for certain purposes their superior, and when the sprays are matured their lasting qualities are equal to the well known durability of *plumosus*. To grow good sprays (and it can be grown five or six feet, and perhaps longer) you should give it the middle of a house where the winter temperature is 55 to 60 degrees. Plant fifteen inches apart in boxes as long as the width of the house between walks. Let the boxes be twelve inches wide and eight inches deep. Raise the boxes three feet from the ground by some convenient means and keep them three feet apart. This will allow the sprays plenty of room to develop without getting dirty from the sand or soil of a bench. Small, well grown plants in 4-inch pots should be always in stock; for mantel decorations they are invaluable.

None of our well known greenhouse pests trouble the asparagus if it is given plenty of syringing and water. A rather heavy loam with a liberal addition of animal manure is all it wants.

can usually go through or stand and look at one of the best shows, take it all in in a few minutes, and then wonder what he came there for. We should avoid this feeling of disappointment by exhibiting miniature gardens, plant grottoes, arches or arbors, decorated fountains, and the different other classes referred to, and so arrange the whole that they cannot be seen at a glance, but so that each will entice the visitor to inspect and admire.

We are too much inclined to look at the immediate prize-money side of exhibitions. That is where we are at fault. We will spend lots of money in foolish ways to get ourselves before the public and deliberately shut our eyes to the best and most economical way—the flower show. We believe the success of shows in America depends a great deal upon the floral artist, and we should go in more for the honor than the money, and if we are honestly beaten, have the courage to come up again till we win. Attend to the matter now, and make the classes so that the humblest may be induced to compete if only in the boutonnières.

Flowers in Season.

It seems very strange that with all we see written about sweet peas only a very few varieties are obtainable as cut flowers on the market. These varieties are principally confined to Catherine Tracy, Blanche Ferry, Emily Henderson, Countess of Radnor and a few others. We would like to see a very much larger variety of these beautiful flowers on the northern market. Sweet peas are here to stay. They are indispensable just now, but we want them with longer stems, a little foliage and more colors; that is how they have them in California where they get very much less for them, and there is no reason why we should not get them east of the Rocky Mountains. We seldom see the yellow or finer colored sweet peas on the market, and the ones we do get are acceptable to the most fastidious in all manner of designs. Cut sweet pea vines when most covered with flowers make charming trellises and screens, or you can frame a mirror or doorway with them; if you want them to last well put them in jars of water, but hide the jars with them. Of course it will be necessary to tie on lots of flowers, but when they are properly fixed they give a fine and natural tone to the decoration. You can either mix the colors or have them in one shade.

Penstemons are very good for vase work; they are seldom seen here, we are sorry to say.

Phlox *decussata* in all its glorious varieties are commencing to show up, and they are splendid flowers for the retail florist. Their varied colors give you material for most kinds of work, and if you grow some of your own stock don't forget to have the best of them.

A wreath of blue cornflowers makes a striking design and a most beautiful one too if well made. You can add a cluster of water lilies or something

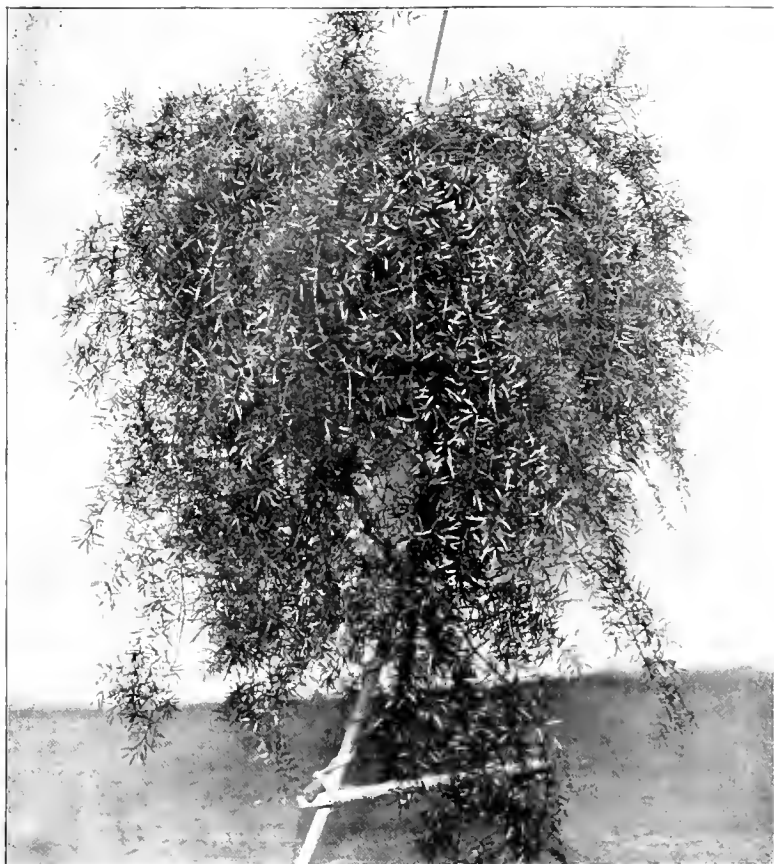


Exhibitions.

Retail florists should take a more active interest in flower shows, and now is the time to see that the schedules are properly made up. Almost every florists' club or horticultural society in the country complains very bitterly of the indifferent manner in which the retailers regard the flower shows. This should not be so, because exhibitions benefit the florist in the store as well as the florist in the greenhouse, and very many of the "show failures" are due to the lack of harmony or unity between the two great sections. If the exhibitions are failures you yourselves are to blame in most cases.

We would like to see the retailers in every city organized in some way for the purpose of attending to many great and important matters, one of which is a better representation of our

beautiful art at the shows. Go to the different exhibition committees now and have your section of the schedule attended to, and have a committee of retailers appoint the judges. Don't let the growers or any other element arrange your classes when you can do so yourselves; let us have classes calling for more picturesque groups of plants, do away with the formal mounds in your section. Then there are plant baskets, plant vases, fern dishes, hanging baskets, window boxes, trimmed plants, head wreaths, bridal set, trimmed dress, box and flowers, delivery system, in fact classes too numerous to mention, besides the ones we are most familiar with. Flower shows in this country are failures often because they are too formally arranged. The classes are made more to suit the growers because the retailers are so apathetic. The average visitor



Asparagus Sprengeri.

white by way of contrast. Be careful to use pretty greens and round the wreath well.

Crescent wreaths would seem to be losing popularity. We rather think the main cause is that they are more difficult to make. When making wreaths of any kind the flowers should be arranged to either face straight up or one way from both sides; don't make it pin-wheel fashion.

Lilies in some form or color are obtainable the year 'round, and with the many beautiful ones out in the garden at present very effective decorative or design work can be done. *Lilium tenuifolium* is a splendid little flower where brilliancy is wanted; a cluster of them anywhere is sure to attract. *Lilium auratum* is being used a good deal for funeral work, either as flat bunches or in design work, in which they are very imposing. They are a little too strong for decorative work, but many like them with gladiolus and they will pass where they are neither too profuse nor too near to annoy. A room decorated with vases of the different lilies to be had at present would be a most interesting sight.

Japanese iris are in and are very fine. They are suitable for everything, almost, outside of hand-bouquets. If you have any Japanese vases to fill or Japanese rooms to decorate you can

exercise lots of your ability with these lovely flowers, and nothing will exceed them in a funeral wreath if arranged properly, that is, not too flat and one a little above the other. Of course when Japanese iris are put in any design they should be confined to one color. Arranged in vases mixed colors look best, and a few of their own leaves or some grasses should be with them.

Bunches of Mountain Laurel in full bloom are being offered by the fern peddlers, and it's fine for decorations. This is a time of the year when outdoor flowers have the first call where cheap work and bright effects are wanted.

With garden flowers we are permitted a wider range of color. Many times and in many positions vases of mixed flowers will have a better effect than if the colors were used separately.

It was the custom of the old Dutch masters to paint flowers mixed in a manner no one would dare mix them today; they did it because it gave them an opportunity to bring out strong contrasts in color which suited best the taste and interior decorations of those days. This has changed, and if you look at the works of the flower painters of today you will notice the tones are subdued; there is a greater refinement in arrangement as well as

in color, and this is not because we grow finer or softer hued flowers altogether, but because we are advancing to higher standards of floricultural art. There is an element in our decorative art for which there can be no teacher—that is the creative element, where brainwork precedes handiwork, where we cast aside set forms and known models and bring forth beauties from the mind's eye. It is the poor florist who often furnishes the architect and the painter with ideas in decoration. Our position should be a more exalted one, and it would be, too, if we were more particular and had laws to guide us.

Floral work is more or less temporary, but that seems to make it all the more important, and we are expected to furnish lasting impressions.

IVERA.

CONN. HORTICULTURAL SOCIETY.

The Rose Exhibition held in Hartford, June 13 and 14 was a success. The exhibits of roses were exceptionally fine and numerous for the season. Among the roses the most noticeable were Capt. Hayward, Marchioness of Lorne, Ulrich Brunner and Mme. Gabriel Luizet; the latter variety has stood the severe winter much better than others and has produced some magnificent flowers. W. E. Wallace showed a very fine collection of over seventy varieties. Charles Lincoln, who manufactures the "Queen" plant support or stand, was on hand with the best flowers from his splendid collection. Unfortunately for the society, his paeonies were past their prime. As Mr. Lincoln has 125 varieties of this flower it can be easily imagined what a splendid showing these could have made. Col. C. H. Case, Jas. Ballantyne and Mrs. J. R. R. Moore had prominent rose exhibits.

W. B. May had a fine collection of sweet peas and rare water lilies; Robt. Patchet, vegetables and fine strawberries; Jos. Albiston, of South Manchester, Conn., strawberries, among which were some seedlings from "Jessie," deep red, of fine form and very rich flavor.

Mark Wakeman showed some well grown hydrangeas, and Pres. J. T. Withers had a collection of 213 different native plants, many of them quite rare. As Mr. Withers is a thorough botanist, he was able to select and stage specimens to be the best advantage and as the common and scientific names were on each variety it created much interest.

Contrary to all expectations there were no "Jadoo" exhibits. Some very fine crimson Rambler roses in pots were seen about a month ago, that were grown in a mixture of "Jadoo" fiber and soil, but the plants had finished blooming by the time for the exhibition.

The society procured some very fine chrysanthemum plants of J. N. May, of Summit, N. J., and distributed them

to children who attended the exhibition. These proved quite popular, over 400 of them being given out. The plants were of varieties calculated to do the best with the children, grown to the bush form. A special scale of points for judging these plants at the November exhibition has been devised which will do the children more justice than the ordinary scale.

The sweet pea exhibition will probably be held about July 19 and a very

complete showing of this popular flower is assured.

The "Society's Exhibit" will consist of all varieties that can be procured in the market and will no doubt be the means of largely increasing the interest in this exhibition. The different varieties that make up this collection were distributed to members and sweet pea "cranks" without the fold, and very favorable reports are coming in from them. R.

hang the basket in a very shady house; rather a light house is best.

Smilax.

Early in July is the time to renew your smilax beds. There is no doubt at all that to plant annually is more satisfactory in every way than keeping the old bed over. There ought to be head room of 7 or 8 feet. Any old house is good enough for smilax, but old houses are not always easily kept warm, and smilax is not profitable unless you can keep up a steady temperature of 60 degrees in the cold weather. It makes no difference whether there are boards under the beds or they are on the ground. Six inches of soil is enough, and let the soil be a heavy loam with a fourth of manure. I plant eight inches between plants and ten inches between rows.

Chrysanthemums.

If you are a plant man, you will hardly have got cleaned up and ready for chrysanthemums ere this, and they will do very well planted in early July. Our experience is that the large 9 and 10-inch flowers for which we ought to get \$3 and \$4 a dozen are largely a thing of the past, at least it is so with us, unless it be for some special occasion, and a very limited supply of these will suffice; if you have none at all, you won't suffer much. Chrysanthemums are still wanted, but very properly the flower-buying public object to paying big prices for these monstrosities.

The grower now, as well as the raiser, must look for color, form and habit and drop size. To speak candidly, we found last year that \$1.50 and \$2 per dozen was what our customers wanted to pay, so we must raise a good many mums to the square foot, and raise them economically. I shall always consider they are profitable so long as they sell at all, and that they always will, for they are beautiful. Some of us who grow poinsettias, azaleas and lilies for Christmas and Easter would have quite an area of empty bench space at times were it not for the chrysanthemums.

I have had occasion to plant one bed of mums in a foot of soil for a number of years simply because the soil was there, and I did not go to the trouble of building a bench, merely renewing 4 or 5 inches of the surface annually. Never have they been as satisfactory as those growing in 4 inches of soil, and I think 3 inches will grow them well enough. Let the soil be fresh and rather heavy, not overdone with manure—about a sixth—and about a 4-inch pot of bone flour to every square yard of bench. We were once advised to place an inch of cow manure at the bottom of the bench, but did not find it a good plan. In a week or so after planting, press the soil down firmly all over the bed; this will induce a dwarfed, stronger growth.

As a medium, low priced flower is the order of the day, you should grow dwarf varieties, for they require only

MISCELLANEOUS SEASONABLE HINTS.

Watering Carnations.

We are just entering a long dull spell so far as business is concerned, but with no let up to the work. In conversation with a brother florist a few days ago we commented on the dry weather. He remarked that it was hard on carnations but he "sprinkled them every night." He knew too much for me to correct him so I let it go, but what he was doing was exactly wrong. Sprinkling every night is an excellent way to kill them. It produces stem-rot, and other afflictions. It seems terrible to see the little plants blistering in the sun from day to day, but if you stir the ground frequently, at least once a week, they pass through the ordeal all right. I would not say that during a long drought, and with the means of soaking the bed six inches deep at hand, a watering would not be of great benefit; and as soon after watering as the ground is fit, hoe. But this daily sprinkling is ten times worse than nothing.

Watering Flower Beds.

You should give your customers good advice about the flower beds. In dry weather a good soaking once a week is good for geraniums and coleus, while the cannas and caladiums can scarcely have too much water. Dahlias are grown quite a little now and are seldom given the generous treatment they need to give you a good growth and plenty of flowers. They should be mulched on the surface with manure and twice a week given a good watering.

Acacias—Metrosideros.

I am much pleased with the appearance of our plants of Mimosa (Acacia) paradoxa and the metrosideros. Cut back hard they have made fine bushy plants and will be three times the plant they were when imported last fall. They have not been shifted

from the pots they were in last winter and it is an advantage to keep them in a moderate sized pot. Soon they will be greatly benefited by a mulching of half rotted cow manure with a 6-inch pot of bone flour added to a wheelbarrow load of the manure.

Azaleas.

The azaleas also, after their hard cut back in April and May, have made a fine growth. Keep the plunging material well up around the pots, to prevent their drying out, and mulch an inch or so on the surface with the manure described above.

Palms.

In heavily shaded palm houses without fire heat it remains cool and often damp, and not at all congenial conditions to induce a healthy, quick growth on young palms. A little fire heat—just a little—with the ventilators open at all times, and a nice circulation of air, will make a remarkable difference in the growth of palms, ferns and orchids.

Baskets for Winter.

We are often asked regarding the use of baskets in winter decorations. There is nothing to approach *Asparagus Sprengeri* for that purpose. It has just the needed graceful droop, hiding completely the basket in which it is growing. For a basket for this purpose there is nothing so light or suitable as a wire one lined with green moss. The heavy feeding roots of the plant will delight in the green moss, and a dip, or even syringing, will quickly reach the roots. For any particular purpose you can have baskets any size you like, but for selling or for decorating a 10-inch basket is large enough. Three plants of *A. Sprengeri* put into a 10-inch basket in July will make by November baskets 30 inches across. Use rather heavy soil with a fourth or fifth of manure, and don't

half the labor that the tall ones do. And plant thickly; eight inches between the rows and four inches between the plants will grow just as good flowers as a greater distance. There should be no vestige of shade of any kind on the glass, but give all the ventilation you possibly can, for the method of growing them under glass in midsummer is very artificial.

Of all the varieties there are a few that stand out as the best commercial sorts, and far in advance of all is Ivory. Then there is Yellow Queen, Bonnafon, Lincoln and Jerome Jones, and we may add Maud Dean. For the man who simply retails his flowers and is not asked for young plants, what is the use of growing many varieties? Above all, if any variety does well with you, plant it, and don't be carried away by the flowery descriptions of new aspirants that took the gold cup at Pumpkinville's last mum show.

WM. SCOTT.

NEW YORK.

Heavy Hail Storm.

"Hailstones weighing 3 ounces each and measuring five inches in circumference," that's what we had 25 miles from New York city last week. On Saturday, June 24th, the fertile and beautiful Hudson Valley was visited by a most terrific storm. Tarrytown seems to have been the center of its fury, and here we are told that for something like half an hour immense sized hailstones fell and completely covered the ground. A vast amount of damage was done to all manner of vegetation; trees were stripped of foliage, flower beds and vegetable gardens, of which some of the finest in the country are here, were pitifully riddled and destroyed, yes even the greenhouses were smashed and their contents severely injured. The F. R. Pierson Co.'s greenhouses seems to have suffered most; great damage was done there. It was only last week we informed you that New York was being roasted alive, that we were suffering a record-breaking spell of warm weather, and it seems incredible that we should now have to report the havoc of a hailstorm in the fairest part of our state—a salty icedness burnt in humidity—but we've got to take it as it comes and one need not be surprised nowadays at anything.

Japanese Plants.

Cleary had a two day sale of dwarfed Japanese trees and shrubs, June 21 and 22. They were from Kushibiki & Aria, of the Atlantic City Japanese Nursery (who by the way have just opened a branch for the New York district at Mountain Station, Orange, N. J.). The plants offered for sale were the usual Japanese specialties: dwarfed pines, retinosporas, maples, etc., and immense prices were got for most of the stock, maples from \$3.00 to \$7.00, conifers from \$5.00 to \$20.00 and one Retinospora obtusa nana about 3 feet high in a tub

brought \$120.00, and a similar one \$85.00. These in addition to many more were purchased by one of our rich society leaders, T. L. Parks, of Purchase, N. Y., who is about to construct a miniature Japanese garden.

G. M. Stumpp was one of the principal buyers. He has now a fine collection of this class of stock picked up at the different auctions the past season. This Japanese fad is an expensive one for retail florists to indulge in. It is very difficult to keep these trees in the store for any length of time, and if they are put out doors the cats and dogs resent it. Our climate is a most trying one for these starved and strangled victims of art. Mr. Kushibiki informs us that trained plants and vases are becoming very scarce in Japan, that is those which can be got for sale. We expect to see the Japs manufacture lots of the stock here, however, and they deserve very great credit for the intelligence and taste displayed in their art.

New York for 1900.

The committee appointed by the President of the New York Florists' Club to formally invite the Society of American Florists to hold their annual convention in New York City in 1900, held a very enthusiastic meeting in the club rooms June 26th. From the tone of the discussion and the amount of work done at this meeting the invitation will not be any half hearted affair, and the S. A. F. will be a pig-headed mule if our "Irish-Depew" cannot convince it that it should come to New York next year.

We have the second largest city in the world and the greatest floricultural mart of the Continent; why shouldn't we get the convention? Philadelphia and all the large and small cities around us uses us for a market; why shouldn't they want us to get it? The Rough Rider florist of New Mexico wants to see our "Sights," and mind you, the girls in every section of this great land yearn to visit New York, because it has the best all Europe can show in the way of art and fashion, and why shouldn't they come here? Yes, spend your anniversaries and your honeymoons in New York next year and rest assured that every florist, every horticulturist in these parts will do his or her best to entertain you, and we have so much to show you that I must try to give you a list of them next time.

Bowling!

There was lots of fun at the bowling alleys this afternoon, and though the day was warm everything went lovely. New York will be represented at the alleys in Detroit positively, so get those prizes ready. Following are some of the scores made during the games:

P. O'Mara	163	137	141
T. Roehrs	127	125	127
A. Burns	162	146	150
W. Plumb	139	140	134
W. Manda	143	138	180
W. Siebrecht	145	125	112
F. Traendly	129	143	95

Trade Conditions.

The condition of the plant market is "Busy getting ready for next season." And in the cut flower line there is the usual jog-trot line of trade, mostly divided between the cemeteries and the steamers—the flowers used to cheer up those who travel, and flowers to adorn those who travel no more.

IVERA.

BOSTON.

The Market.

With continued warm weather, the conditions are still very unfavorable for a very brisk business in cut flowers. Carnations and roses, which form the bulk of the stock, are running very poor in quality, and are mostly handled by the fakirs. Prices are very low and depend a great deal on the ability of the seller. White roses have had the call during the week, owing to the demand for graduating purposes, and have been almost entirely cleaned up. Brides bring from \$2.50 to \$8 per 100; Kaiserins, from \$6 to \$10, and are scarce at that; Maids are more plentiful, quotable at from \$2 to \$6; Meteors, from \$4 to \$10; Beauties, from 25 cents to \$2 per dozen. Jacks and Brunners, from out doors, are of fair quality, and are eagerly sought after by the fakirs, who willingly pay \$3 to \$5 per 100.

Carnations are fast deteriorating in quality and are still coming into market in large quantities, 35 cents to \$1 per 100 being the prevailing figures; a few strictly choice varieties may reach \$2 per 100; sweet peas from outside are now showing themselves, but of rather short stems, 25 cents per 100 being about the figure; feverfew, candytuft and other seasonable flowers are plenty, selling fairly well.

The Annual Rose and Strawberry Exhibit.

The exhibition of roses and other seasonable flowers, although very good, was hardly to be compared with that of a year ago, the quality of the flowers and fruit being much inferior, owing to the long severe dry spell. On roses, the estate of the late Joseph H. Fay took most of the honors, making a grand exhibit of elegant specimens. Their Margaret Dicksons, Gabriel Luizets and Ulrich Brunners were exceptionally fine. The strawberries showed the effect of the dry weather.

Prizes were awarded as follows: For group of decorative plants arranged for effect, 1st, Jason S. Bailey; 2d, E. S. Converse. For six plants, orchids, six named varieties in bloom, 1st, Jas. E. Rothwell; 2d, W. P. Winsor, who also secured 1st for three best plants and 1st for best specimen. The Theodore Lyman third prize for a collection of twenty-four distinct varieties, three blooms each, was awarded to the heirs of Joseph S. Fay, who also received eight 1sts, six 2ds and one 3d prize, their exhibit covering over one-half of the space in the upper hall. For collection of thirty spikes of Sweet Williams, six varieties, 1st.

W. C. Winter; 2d, W. N. Craig. For display of eighteen vases, 1st, Mrs. John L. Gardner; 2d, W. N. Craig. For best vase of flowers artistically arranged, 1st, Mrs. E. M. Gill; 2d, W. C. Winter. On grapes, E. S. Converse was awarded 1st for Black Hamburg; 2d, for White Chasselas. Gratuities were awarded to T. C. Thurlow for a collection of paeonies; the John Jeffries estate for foxgloves; Rea Bros. for a collection of perennials; W. E. Coburn and Jas. Comley for displays of seasonable bloom; Kenneth Finlayson for gloxinias, and J. S. Bailey for a fine specimen of *Acalypha Sanderii*. Jackson Dawson was awarded a silver medal for a show of bloom, a hybrid between *Wichuriana* and *Indica Carmeo*; also a first-class certificate for a vase of the new rose, Wm. Egan.

The News.

At the annual rose and strawberry show of the Highland Horticultural Society, Hingham, Mass., Geo. Hollis, South Weymouth, made an exhibit of some very promising seedling paeonies, receiving a gratuity; Mr. Fred B. Miller took first honors with his roses, winning the silver cup for the second time.

The daily papers report severe hail storms in the western part of the state. At Athol the greenhouses of James Sutherland, Jr., were completely riddled. P.

BUFFALO.

Commencement Week.

Last week was what is paradoxically called commencement week, which is really closing of the schools of every kind. I suppose for the graduates it is commencement of earnest life. Even business colleges now have their flowery and oratorical exercises, where the young man or woman is launched into the world that is pictured by the speaker of the evening as a rose garden, with kid gloves, ice cream, private secretaries, stenographers, typewriters (I mean the machines) and automobiles—in fact, everything rosy and pleasant except the fatiguing job of looking for a situation at \$4.00 per week. What a pity to mislead confiding youth. Better tell them that they are now to face stern reality, that a dreary time of hard work and self-sacrifice is before them and that their future success in life will largely depend on their faithful application to their calling for the next ten years. Too bad it is so, but until we get Belamy's ideal world it will be so.

Flowers of all kinds were well cleaned up and that's a healthy state of affairs. The outside sweet peas are coming in very fine; there are some great varieties, and out of the immense variety there is at least a dozen well worthy of cultivation.

The Heptosophs.

Close on the heels of the Shriners came a lot of "Heptosophs." Few of your readers know what they are. They are a nationality like the Maoris

of New Zealand; they are like the sociable Mormons of Utah, of all nationalities. They are not banded together with the avowed purpose of increasing the population or affording ample facility for so doing. Their object is to pay to your widow a certain sum at your death. Like all young fraternal insurance orders, they are very enthusiastic and noisy, and, being very new, it is cheap. Fraternal insurance is something like buying an accident insurance ticket when going to New York. You are not sorry if you land safe and there your insurance ends. With the fraternal order it ends when the order "busts." It is expecting something for which you have never paid. These few introductory remarks are made to inform you



Charles D. Ball.

that Geo. Fancourt, Geo. Carr and Mr. Handrick, of Scranton, are Heptosophs, and I showed them one morning our parks and residence streets and they had nothing but praise and admiration for them.

Route to Detroit.

I see our friend Billy Kasting has announced a cheap rate from Buffalo and return via Wabash to Detroit. It is almost an air line between this city and the City of the Straits. The water route would be pleasant, but out of the question. There is no daily boat between here and Detroit, and if there was a boat leaving on the Monday evening it would not reach Detroit till 2 p. m. the following day. Any train from the east on the Monday from Philadelphia, New York or Boston will do, as the Wabash train leaves here at midnight and reaches Detroit at 7:00 a. m.

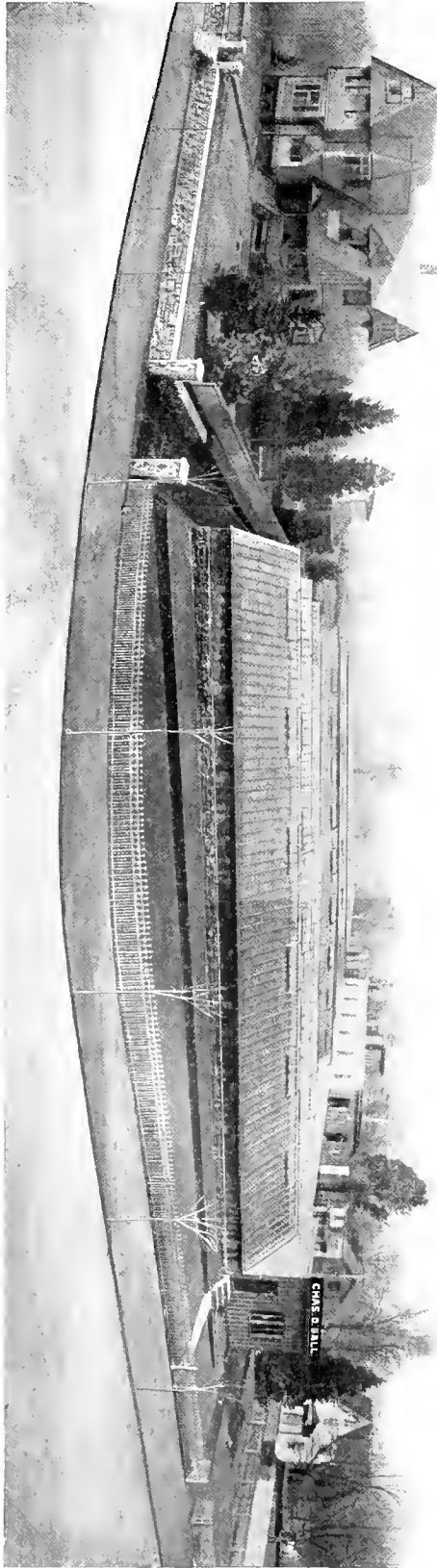
Flower Beggars.

We have never noticed in former years such an immense amount of begging. It is not once a day, but seldom a day escapes with less than three or four committees of young women who call in for a contribution of flowers. This is a nuisance growing apace and

must be stopped. You of course have all noticed that the beggars have usually the same story. "We called, Mr. S. (or P., or R., or W., or any old florist is good enough then), to ask if you would not be so good as to donate a few flowers to our bazaar. The proceeds of the bazaar will go to alleviate suffering among homeless cats." Or may be it is a society to furnish the naked children of Porto Rico with rubber boots and mackintoshes, or, more laudable still, a society called Christian Cleaners, whose missionaries insist that our Italian population wash themselves at least once a year, and then the little story is always finished with the remark, "You know we always get our flowers here," while you know that you have not seen them since the last begging tour and won't again till the next bazaar or entertainment. And this chestnut goes all along the line. It is notorious that the best flower buyers ask the fewest favors, and vice versa. Do other business men get treated in this way? We don't believe they do. Mr. S. A. Anderson has a scheme on foot to help us poor florists and rid us of this tax and annoyance. I am not yet at liberty to give details, but you shall have the full benefit of it when perfected. The principle is that all donations be sent to the commission house, who will fill them and charge them to us. And the commission man will know then that Mr. W. A. Adams has donated \$5.00 of flowers to the "Ladies of the Holy Bloomers," and if Messrs. A., B. and C. send similar orders the quantity will be cut and the charge divided. It is some such scheme. I know it will work. It's a sort of "Florists' Fooling Charities Association." There is nothing of the modern trust about it, as the only trust connected with it will be the trust that Kasting gives us.

Another part of our business that must be eliminated before we are on a respectable basis is the continual donating of "a few" palms for every frivolous occasion. Now and again there are occasions and circumstances where to lend a little of your services and good to charity is a real pleasure, but the many and oft times you are asked to loan a few palms is a great expense. You get little credit for it and I believe it hurts the business, for it makes that style of decoration too cheap, not in price but in style. Mr. Geo. Hale has recently told me of a lady who talked at the rate of 400 words to the minute and this volume of wind when articulated conveyed the modest request for four dozen nice palms for sweet charity's sake. He had the moral courage to refuse. We will also have to pool our interests on the palm business, this we could call the "Florists' Protective Palm Association, Limited."

To refuse any of these requests means offense, however unreasonable they may be, and light as I have treated the subject, they are growing serious to our business, and as we all have and properly should have a cer-



Greenhouses of Mr. Chas. D. Ball, Holmesburg, Philadelphia, Pa.

tain amount of rivalry among us, for honest rivalry is the soul of trade and progress, we shall, if not pulled up short, out do each other in this stupid charity, if it's worthy the name. Oh, blest is the grower who knows nothing of these petty annoyances that vex our soul and make our hair grey.
W. S.

CHARLES D. BALL.

We are pleased to be able to present herewith a portrait and view of the greenhouses of Mr. Charles D. Ball, of Holmesburg, Philadelphia, Pa., the well known grower of palms and other decorative plants. The plant contains twenty large modern houses. Mr. Ball has built up a national reputation for producing high grade stock, and is not only a good grower and business man but a very pleasant gentleman to meet and one who has a host of friends in the trade.

Mr. Ball has an unusually able foreman in the person of Mr. W. H. Taplin, whose notes on palms and other decorative plants have been a feature of The Review.

ST. LOUIS.

The Market.

Elks' week was not so good for the florists as it should have been. A few of the down town florists did a little extra business but much more was expected and a great many were disappointed, having laid in an extra supply, and most of the flower loving people making preparations to leave the city for the summer months. The summer stillness will soon set in for good and the only business then looked for will be funeral work.

The prices on stock went up a little the past week, good stock in roses sold at from \$4 to \$6; others \$2 and \$3. There are very few good Beauties in this market and the demand for them is good. All roses are getting poor, especially Brides and Maids; Meteors are good in flower and color but some are badly mildewed. Carnations are in fine condition, Scotts being of good color and size and lead in demand, price \$1 and \$1.50; valley is good and sells well at \$2 to \$4; sweet peas are a glut now and the best long-stemmed ones sell at 40 and 50 cents per 100; others bring 25 cents; most of them go to the dump pile. Plenty of asparagus, smilax, adiantum and common ferns on hand for all. Replanting has begun by nearly all of the growers and this will make stock scarce for a time.

Notes.

Florists in town last week to attend the Elks' convention were Lawrence Heint and George Hunt, Terre Haute, Ind.; J. D. Carmody, Evansville, Ind.; E. C. Ludwig, Allegheny, Pa., and J. A. Peterson, Cincinnati, Ohio.

Max Herzog reports that he is very busy just now rebuilding and replanting. He says he will attend the next

meeting of the club without fail. It is rumored that Max is a presidential candidate.

Prof. Wm. Trelease, of the Missouri Botanical Garden, is now in Alaska with a party of government officials. Prof. Irish is in charge of the garden until the return of Mr. Trelease.

Willie Jordan has fully recovered the use of his foot and is again about attending to business as usual.

The members of the Florists' Club should not forget to attend the next meeting of the club July 13 at 3 p. m., as business of importance will come up. Nominations of officers and an essay by President Sanders will make it worth your while to come.

The picnic committee has as yet nothing to report and a great many of the florists are anxious to know when we will have our picnic. Hurry up boys, the time is short, or we will have to postpone it until after the convention.

Chas. Young, of C. Young & Sons Company, has severed his connection with the above firm and will travel for his father-in-law in the woodenware business.

Bowling.

The Bowling Club rolled five games Monday night and Charlie Kuehn seems to be the only one rolling in championship form. The attendance was not so good as it should be at this time of the year. Every member of the club is requested to attend next Monday night, as a meeting of great importance will be held in regard to the S. A. F. meet. The scores were as follows:

	1	2	3	4	5	Tot.	Av.
C. A. Kuehn	170	178	178	169	163	838	167
J. J. Beeneke	126	151	180	132	146	735	147
J. W. Kunz	154	121	160	130	163	728	146
C. C. Sanders	142	138	145	153	104	682	136
John Young	124	132	103	143	122	622	124
F. J. Fillmore	106	106	133	135	105	584	117
F. H. Weber	91	99	154	129	85	558	112

J. J. B.

CHICAGO.

The Market.

Shipping trade has held up very well. In stock the percentage of firsts has been less, with a corresponding better demand for what there was. The supply has been larger than for any preceding June, and though there has been a large percentage of low grade stock the average cash results have been good. Really good stock has been at a premium all through the month, and is still in brisk demand. During the last few days the call seems to have shifted more to white flowers. Milwaukee has lately had several heavy shipments on account of their floral carnival.

Though some of the paeonies did not carry as well in cold storage as anticipated immense quantities have been marketed. Kennicott Bros. Co. sold over \$1,000 worth during the last week, and have still retained 500 dozen to back up their promise of paeonies till July 4th. The Late Rose is, how-

ever, the only variety that can be successfully carried to that date.

Longiflorum lilies, which had been dragging some, were cleaned up in good shape last Tuesday. The outdoor grown candidum were not so successfully marketed, coming in when too many other good showy flowers are available.

Archie Spencer, of Reinberg Bros., looks for better summer sales than for some years past.

In garden flowers gypsophila and corn-flowers go very well, but coreopsis moves slowly and lychnis not at all.

The wholesale houses have arranged to close at 5 P. M. during July and August.

Various Items.

Mr. G. H. Pieser, of Kennicott Bros. Co., is still confined to the house as the result of his recent accident, though progressing favorably.

J. A. Budlong started on a bicycle trip to Denver but in Iowa received an introduction to a cyclone which so impressed him that he came home by train.

A ball game between the wholesalers and the retailers is to take place soon and a hot time is promised.

Several members of the craft left for Cincinnati last Tuesday evening to attend the great gathering of singing societies in that city. Albert Ebeling and C. Paasch were in the party and Anton Then was expected.

Andrew Peterson, Oak Park, will defer rebuilding till next spring.

The price of glass is still soaring upward and some projected building operations will be postponed for a while in consequence. One pleasant side of the glass situation is that every greenhouse roof in the country is worth more than it was a year ago. And growers who feel that production has exceeded demand say they wish that the price of glass would advance to \$10 a box and thus deter further building till demand has caught up with production.

Mr. Challenge Ventilator Evans, of Richmond, Ind., has been visiting the growers in this section this week. He acknowledges that there is a quicker lifter than the "Challenge." It lifted the roof off his factory and caused damage to the amount of \$1,000. It was an Indiana cyclone.

Mr. W. C. Cook, who is now manager of the Dunkley Floral Co., Kalamazoo, Mich., visited his old Chicago friends last week.

Bowling.

Last Friday evening an invitation from the Milwaukee bowlers, through Mr. C. C. Pollworth, to visit Milwaukee, was read, and after discussion it was decided to accept the invitation and to reach Milwaukee Saturday evening, July 8, in time to play the games that evening. A warm time is expected.

Another four games of the handicap

prize series were played and following are the scores and averages:

	1st.	2nd.	3d.	4th.	Tot.	Av.
C. W. McKellar	164	171	191	160	686	171
F. Stollery	196	128	165	133	622	155
Ed. Winterson	147	178	134	...	439	146
Jno. Degan	160	145	124	113	542	135
J. S. Wilson	142	111	132	148	533	133
G. Stollery	127	102	157	133	519	129
A. Henderson	140	129	108	140	517	129
G. L. Grant	129	...	...	...	129	129
C. Hunt	154	123	99	...	376	125
J. Hartshorne	124	130	113	...	367	122
P. J. Hauswirth	98	108	...	...	297	103
W. Kreitling	103	114	76	...	293	97

DETROIT.

One of the many trips to be taken outside of Detroit is the one to Mt. Clemens (called the Bath City for its noted mineral waters of great curative properties), and one cannot put in four hours of more profit and pleasure than by taking a car on the Rapid Railway, which passes the city hall at five minutes past the half and even hours. Or better still, make up a party and get a special car, run out to Connor's Creek and visit the greenhouses of J. P. Sullivan, which are well worth a visit, as they are located in the ideal spot for a greenhouse plant. Mr. S. grows a general collection of stock to supply his downtown store. After spending an hour here board the car and away for Mt. Clemens, passing along the line of one of the oldest roads in Michigan, an old Indian trail, which is now a thickly settled street for the entire twenty miles between the two cities.

Arriving at Mt. Clemens we proceed to the largest greenhouse plant in Michigan, that of J. Breitmeyer & Sons, consisting of twenty-two large houses, heated by steam supplied by crude oil as fuel. This plant is located on the banks of the Clinton river, is a most beautiful place and any one who may be so fortunate as to visit it, may feel sure of a warm welcome.

Just across the way is R. Klegge, who raises more violets, and better ones, than anyone within a hundred miles, and within a walk of ten minutes one can find the new plant of Jas. Taylor, which are models of construction, used to grow carnations for the trade.

In case any one has a touch of rheumatism there are seven large bath houses where, for the small sum of 50 cents, they guarantee a cure. The fare for the round trip is 50 cents, but a special rate will be made to florists wishing to visit the Bath City.

Arrangements were completed at the last meeting of the local club to extend our boat ride to the Flats or more properly called the "Venice of America," and at the Star Island House to give every one of the party, whether it consists of 400 or 1,200, a fish supper of fish that were caught within twenty minutes of cooking time and as the dining room will seat 580 people all may be sure of a treat. There are bowling alleys, billiard tables, etc., in separate buildings, and a large, beautiful lawn on which one can rest and view the boats

of the lakes passing up or down, for every craft sailing on the lakes must get within 200 feet of the Star Island House, and there is no time of the day or night when there is not some vessel in sight.

The residents of the Flats are a very cosmopolitan crowd, for one may see the club house of the rich adjoining the shanty of some mechanic. The land is all made land and some of the houses are not upon land at all, but are built on piles. The place must be seen to be appreciated and all that will be necessary to enjoy this elegant trip and supper will be to attend the convention at Detroit, and become a member of the S. A. F., for this you must do, as the badge of the society will be the ticket for the trip.

Will the various bowling and gun clubs correspond with the secretary of our club so that we may make all arrangements beforehand? Address R. Flowerday, Detroit, Mich. If you have not already applied for space in the trade exhibit do so at once, for this is to be the banner meeting of the society in point of attendance. RAG.

IF YOU HAVE any surplus stock offer it in the Classified Plant Advs. in The Review.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—As foreman, by first class grower of roses, carnations, chrysanthemums and general stock. Have been in charge of section of houses for several years in a large commercial place; employed at present; want to make a change; age 29; single; best of references. Address A. B., care Florists' Review.

SITUATION WANTED—By first class man as foreman; wholly trustworthy; references; private place or park preferred. Address X Y Z, care Florists' Review.

FOR SALE OR RENT—Four greenhouses and dwelling; good retail stand. A. Claus, Springfield, Ill.

WANTED—Young lady florist for retail store; references required. Address Retail, Box 775, Milwaukee, Wis.

SITUATION WANTED—An up-to-date cut-flower artist, designer and decorator, second to none and a good salesman, now with one of the best firms in the country; wants to make a change; best of reference. For full particulars, address E. V. O., care of Florists' Review.

FOR RENT—About 90 x 103 ft., my Greenhouse business, consisting of six houses and barn, located in a well settled part of Chicago; doing a good retail trade. (Design work.) For rent on account of sickness. Apply to Chas. Held, 922 North Campbell Ave., Chicago.

TO RENT—Three Greenhouses, one 100 x 20 feet, three-quarter span; two 100 x 10 feet, full span; all nearly new. Also 100 ft. cold frame. Also as much land as may be required. In a live city of 25,000, in Western Mass. Cause for renting, sickness in family. Address A, care of Florists' Review.

WANTED—A good propagator; need not apply unless had experience in growing large quantities; must be sober and steady. Address at once, Greene & Underhill, Florists, Watertown, N. Y.

NOTICE—The firm of Garland Bros. has this day been dissolved by mutual agreement. The business will be continued by Frank Garland. GARLAND BROS., June 20, 1899. Des Plaines, Ill.

TO RENT—Five Greenhouses, heated by steam; city water; cheap rent. Call at A. J. Harms, Agent, Cor. Berteau and Western Aves., Harms Park, Chicago, Ill.

FOR RENT OR SALE—Greenhouses

Situated in Lansdowne Pa., a beautiful suburb of Philadelphia. Home market. A rare opportunity. Cheap. Apply E. B. Lewis, Lansdowne, Pa. Or Jno. J. Gibbons, 230 1/2 South St., Philadelphia.

ALL up-to-date Florists

Use our UNEXCELLED WHEAT SHEAVES. Why? Because we are the largest Importers, and Manufacture more Sheaves than all others. Our PREPARED SAGO, or CYCAS PALM LEAVES CANNOT be equalled; we have them in the DULL FINISH (which is the most natural) or in the GLAZED, if desired. There is money made in using our supplies, we are direct Importers and Manufacturers, therefore in a position to supply your wants, PRICE AND QUALITY ALWAYS TAKEN INTO CONSIDERATION. Your orders shall have our personal attention

Catalogue for the asking.

We are Headquarters for the following:
 CAPE FLOWERS (new crop),
 IMMORTELES, CHENILLE, FOIL,
 DOVES, BASKETS,
 POT COVERS,
 IRON PLANT STANDS,
 PLATEAUX,
 WIRE, PINS, Etc.

M. RICE & CO.,
 Importers and
 Manufacturers of
Florists' Supplies
 25 North Fourth Street,
 PHILADELPHIA, PA.

Mention The Review when you write.

The Right Cypress for Greenhouse Material.

Have you heard of Cypress Greenhouse Material that has not been satisfactory? If you have it does not follow that Cypress is not the best lumber to use. There is White Cypress, Yellow Cypress and Red Cypress; there is Cypress that grows on the high lands and Cypress that grows in the swamps.

All of these different kinds are not suitable for greenhouse purposes. Do you know which kind is best and do you know that kind when you see it? If not you would better buy from those that do know and will deliver exactly what they sell. We introduced Cypress for greenhouse construction and pushed it to the front. We know all about it. For fifteen years we have made a specialty of furnishing it, and during this time we have built up a reputation that we can not afford to jeopardize. We send out the best only.

Write for Circulars
 or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

BUSINESS OPPORTUNITY.

A rare opportunity is open to a hustling business man with some capital to get into a well established and profitable business. A chance of a life-time. Those meaning business may obtain particulars by addressing

ROX, care of Florists' Review.

For Sale or Rent.

Store and Greenhouses located on one of the best boulevards in Chicago.
 At a Bargain if taken at once as owner must dispose of. For full particulars enquire of
McKELLAR & WINTERSON,
 47 Wabash Avenue, - - - CHICAGO.
 Mention The Review when you write.

YOU CAN easily find what you want in The Review's Classified ads.

Vegetable Plants.

CELERY. White Plume, Golden Self-Blanching, New Rose and other varieties, strong plants, 15c per 100; \$1.00 per 1000. If by mail, add 10c per 100.
CABBAGE. H. Succession, Early Summer, Flat Dutch, Drumhead Savoy and other varieties, strong held plants, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000. If by mail, add 10c per 100.

TOMATO. Livingston's Stone, Favorite, Beauty and Brunton's Best, field-grown, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000. If by mail, add 10c per 100.

Chrysanthemums in good var., from 2 1/2-in. pots, \$2.00 per 100. Cash with order.

R. VINCENT, JR. & SON, White Marsh, Md.
 Mention The Review when you write.

Always Mention the...

Florists' Review

When Writing Advertisers.

PHILADELPHIA.

Trade has been very dull the past week.

A number of alterations are being made at some of the retail stores. Julius Wolff, Jr., 1716 North Ninth street, is about to remodel his store, enlarging his frontage and putting in two bay windows 7x14 feet. The windows are to be French plate and the interior of store to be finished in pressed steel. A new ice box, finished in white tile, which will hold half a ton of ice, will be added. S. R. Atkin will remove to his new store, 1720 Columbia avenue, about September 1. S. S. Pennock, the wholesale florist, is enlarging his cold storage plant.

Julius Kohler & Sons and Griffin Bros., Frankford, report the past spring as having been a good one.

Julius Landgraaf, superintendent of the Jewish cemetery at Frankford, will sail for Germany July 11.

Among the visitors the past week we noticed Mr. Julius Roehrs, Carlton Hill, N. J., and D. B. Edwards, Atlantic City, N. J. R.

INDIANAPOLIS.

At a special meeting held at the store of Huntington & Page, the president appointed a committee consisting of J. T. Huntington, R. A. McKeand and F. B. Alley to make arrangements for our annual picnic.

The reception given by Mrs. Chas. Rieman to the florists will be long remembered by all who were there. Everyone had been requested to bring a yard of ribbon with their names attached. Mrs. Rieman wanted them for a friendship pole, and such an array of ribbons! They were of all sizes and all colors. In order to make things interesting our hostess gave a prize to the prettiest and one to the oddest ribbon. The first prize went to that modest man, T. V. Page, and the second to Mr. Bert Stanley. As Mrs. Rieman is an expert at decorating, she fairly out-did herself on this occasion, it being her last chance, as she said, in that line. Everyone was busy playing cards, checkers, etc., when our hostess invited us to the dining hall for supper, and such a spread! Everyone said it was fit for a king. Mr. Huntington officiated as toastmaster. Our hostess was presented with a beautiful chair and thanked us for the beautiful surprise. After supper some went to the card tables and played till a late hour. But the sentiment of all is, that they wished someone would retire from business every week.

I cannot write these lines without mentioning Fair Bank, where the boys met on that evening. It is what it called nature's beauty spot. The flower beds are elegant, especially a bed of Rex begonias being unusually fine. The florist, Mr. Bert Stanley, deserves great credit. FRED.

"TIME is money." You can save it by consulting The Review's classified advs. when in need of stock.



51 Wabash Avenue,

W. S. HEFFRON, Mgr.

CHICAGO.

PRICE LIST--Taking Effect June 29.

ROSES.

Beauties, long, per doz.....	\$2.50-\$3.00
" medium, "	1.50-2.00
" short, " .....	.75-1.25
Per 100	
Meteors, Maids, Brides, Kaisersins.....	\$3.00-\$5.00
Perles.....	2.00-4.00
Roses, seconds.....	3.00-

CARNATIONS

ARE OUR SPECIALTY.

Per 100	
Fancy Varieties, fancily grown	\$2.00-
Ordinary Varieties, fancily grown.....	1.00-\$1.50

Miscellaneous.

Marguerites	Per 100, \$.50
Forget-me-not	1.00
Sweet Peas, white .....	.40
" pink .....	.25
Valley	4.00
Pansies.....	.50
Peonies.....	Per 100, \$3.00-5.00

Decorative.

ASPARAGUS. Per string..... \$.50

FERNS. Per 100, 20c per 1000, 1.50 Maiden Hair..... per 100, 1.00

GALAX. Bronze and Green, per 100, 15 cents; per 1000, \$1.25 SMILAX. Common..... per doz., \$1.50-2.00

All other flowers in season. Above quotations are subject to change without notice. P. and D. at cost. Extra select and inferior qualities charged for according to value.

Regardless of prices quoted all stock will be billed at lowest market rates.

Store open from 7:00 A. M., until 6:30 P. M. Sundays and Holidays closed at noon.

Beginning Monday, July 2, we will close at 5 P. M., until further notice. Mention the Review when you write.

Florists' ANY SIZE, ANY STYLE, Refrigerators, LOWEST PRICES.

Send us specifications of such a refrigerator as you need and we will give you figures which will mean a saving of from one-quarter to one-half in its cost. Also ask for our prices on any other supplies you need, always stating quantity and quality desired.

FLORISTS' PURCHASING AGENCY, 159 La Salle Street. CHICAGO.

Mention The Review when you write.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention the Review when you write.

GOVERNMENT SEEDS.

At the meeting of Wholesale Seed Merchants, called by the following firms: J. M. Thorburn & Co., W. Atlee Burpee & Co., The Cleveland Seed Co., Robert Buist Co., Johnson & Stokes, Plant Seed Co., S. F. Leonard, T. W. Wood & Sons, J. C. Vaughan, D. Landreth & Sons, J. B. Rice & Co., Jos. Breck & Sons, and held at the Astor House, New York City, June 20, the following motion was offered and passed:

Whereas, The annual free distribution of \$150,000 worth of seeds by the Government of the United States produces a serious reduction in sales by merchants whose business is the selling of seeds; and

Whereas, Such a reduction in the business of seed merchants by reason of Government competition is a discrimination against an established business for which there is not, and never has been, a precedent as respects other articles of commerce; and

Whereas, The original intention of the Government seed distribution was to disseminate foreign seeds, newly discovered, and which could not be obtained in the United States; and

Whereas, Under the present system the seeds distributed are only such as can be obtained at any reputable seed house from the Atlantic to the Pacific, and such as are advertised as thoroughly as any other commercial commodity, it is

Resolved, That this Convention of Wholesale Seed Merchants denounce in unqualified terms the Government free seed distribution as being at all times an unfair discrimination against one of the whole number of commercial businesses of the country.

F. W. BRUGGERHOF,
ROBERT BUIST,
Committee.

DENVER.

Hot weather has totally demolished the bowling organization and the indications now are that the sport will be abandoned during the summer months. Following are the scores made June 21:

	1	2	3	Av.
A. E. Mauff.....	216	179	192	196
John Berry	244	164	149	186
Robt. Kurth .....	...	193	170	181
Chas. Mauff	152	168	...	160
Geo. Zimmer	159	144	146	150
A. M. Lewis.....	...	112	160	136
J. N. Jakobsen.....	117	...	...	117

J. B.

THE Florists' Manual, by William Scott, will be ready for delivery by August 1 at the latest. Send in your order for a copy if you have not already done so.

REINBERG BROS.
Wholesale Growers of
Cut Flowers
600,000 FEET OF GLASS.
No charge for packing.
Wholesale Price List.

AMERICAN BEAUTY

Extra long stem... per doz.	\$3.00
24-inch stem.....	2.50
20 " " " " " "	2.00
15 " " " " " "	1.50
12 " " " " " "	1.25
8 " " " " " "	1.00

METEOR..... per 100, 3.00 to 5.00
BRIDESMAID..... " 3.00 to 4.00
BRIDE..... " 3.00 to 5.00
PEBLE..... " 3.00 to 4.00
CARNATIONS..... " 1.00 to 1.50
 " fancy. " 2.00

Quotations subject to change without notice. All other stock at lowest market prices.

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine
AMERICAN BEAUTIES.
 51 Wabash Ave., CHICAGO
 Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in **CUT FLOWERS**
Greenhouses at Hinsdale, Ill.
Mention the Review when you write.

Lynch
WHOLESALE FLORIST.
19-21 E. RANDOLPH ST. CHICAGO
Mention The Review when you write.

A. L. RANDALL
Telephone 1496 Wholesale Florist
4 Washington St., Chicago.

In our new and enlarged quarters we are better prepared than ever to handle your orders.
 Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists, Consignments Solicited.
 41 Randolph St., CHICAGO.
 Mention The Review when you write.

WHOLESALE DEALER IN GROWER OF ROSES. CUT FLOWERS.

J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

THE REVIEW'S Classified ads. enable you to find with the least possible effort whatever stock you may need.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
 1122 PINE STREET, ST. LOUIS, MO.
 Mention Florists' Review when you write.

H. G. BERNING,
(Successor to St. Louis Cut Flower Co.)
WHOLESALE FLORIST,
1322 Pine Street, ST. LOUIS, MO.
Mention The Review when you write.

ELLISON & TESSON,
WHOLESALE SHIPPING
FLORISTS
3134 Olive Street, ST. LOUIS, MO.
...Home Grown Stock...
Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of **CUT FLOWERS** at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
 Store: 906 Grand Ave., KANSAS CITY, MO.
 Greenhouses; Pleasant Hill, Mo.
 Mention The Review when you write.

Cincinnati Cut Flower Co. W. A. MANN, FRANK W. BALL.
416 Walnut St. Wholesale Florists
CINCINNATI, O.
Consignments Solicited. Special Attention Given to Shipping Orders.
 Mention The Review when you write.

THIS YEAR'S CUSTOMERS
MUST BE OURS NEXT YEAR.

KENNICOTT BROS. CO. CHICAGO.

42 and 44 Randolph Street.

Fine Strong Plants FOR STOCK

Geranium Mme. Jaulin, 3-in., \$5.00 per 100. The Peach Pink Bruant.
Mme. de la Roux, 3-in., \$5.00 per 100. The best singlesalmon bedding Bruant.
Abutilon Savitzii, 3-in., \$5.00 per 100. A grand bedding plant, grows dwarf and bushy—capital plant to use with Crotons.
Russelias Multiflora and Elegantissima, 2½-in., \$2.50 per doz. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy.
Browalia Gigantea, 2-in., \$1.00 per 100. One of recent introduction, the most valuable plants of the most valuable plants of California violet. Always in bloom. Color same as California violet. Good for cut flowers. Good bedding plant. Also a fine pot plant for Christmas or Easter.
Acalypha Sanderii, Only 100 left at \$1.50 per doz., from 3-in. pots. Great and curious novelty. Known as "Philippine Medusa," "Love Hangs Bleeding," "Chenille Plant," "Bloody Cat Tail," "Dewey's Felde" and other romantic names.

READY NOW.

THE COTTAGE GARDENS, Queens, N.Y.
Mention The Review when you write.



Palms and Ferns

The Largest Stock of Plants in the West.

Send us your name and we will keep you posted when we have anything special to offer.

GEO. WITTBOLD, 1708 N. Halsted St. CHICAGO.

ORCHIDS

Just received in fine condition.

CATLEYA LABIATA, C. Mossie, C. speciosissima, C. Harrisonke violacea, C. Warnerii, C. granulosa, Laelia anceps, L. a. alba, L. autumnalis, L. praestans, L. Dayana and Burhingtonia fragrans.

Lager & Hurrell, Growers and Importers.... Summit, N. J.
Mention The Review when you write.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES:

We have the
LARGEST WHOLESALE
House in Chicago.

Orchids, High-Grade Roses,
Carnations and Violets.

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

WESTERN HEADQUARTERS FOR..... FLORISTS' SUPPLIES, PALMS, FERNS, WIRE WORK, CUT FLOWERS, ETC.

Use MASTICA for Building and Repairing your Greenhouses.

Write for samples and prices of our

Improved Folding Cut Flower Box.

ELLIS & POLLWORTH, - MILWAUKEE, WIS.

Mention The Review when you write.

EXTRA FINE LOT

Bostoniensis Ferns!

Ready for 5-inch pots.

Write GEO. A. KUHL, Pekin, Ill.
Wholesale Roses and Carnations.

CARNATION Cuttings ALL SOLD.

Field-grown Stock for Fall Delivery..

F. DORNER & SONS' CO., La Fayette, Ind.
Mention The Review when you write.

	Per 100.	Per 1000
10,000 Smilax, 2¼-inch, strong	\$1.50	\$10.00
20,000 Smilax, from flats, "bulbs"	.50	3.00
3,000 Asparagus Plumosus Nanus, 2¼-inch	5.00	
7,000 Begonias, ten varieties, 2¼ and 3-inch	1.50	12.00
4,000 Primula Obconica, 2¼-inch	2.00	18.00
10,000 Coleus, ten good bedders, 2¼	1.50	12.00

The Morris Floral Co., - Morris, Ill.

Rooted Cuttings of Carnations ALL SOLD.

We are booking orders for Field Grown Plants.

GEO. HANCOCK & SON, Grand Haven, Mich.
Mention the Review when you write.

PITTSBURG.

Various Items.

Since my last report business has continued good. Much stock was used for wedding decorations and commencement exercises. While the presenting of flowers at commencements in this city has been almost wholly discontinued, it seems to have been taken up at the schools in the neighboring towns.

The firm of J. H. Orth & Co., of McKeesport, Pa., composed of J. H. Orth and Thomas Behn, has failed. Their store and stock have been levied on by the sheriff on an execution. Liabilities, about \$1,200; assets, nominal.

Mr. Sam McClements, of Randolph & McClements, the East End florists, will leave shortly for several months' stay in Ireland.

Mr. Christ Wall, with John Baker, of Allegheny, has sailed for Germany. These frequent trips abroad of our local florists give rise to an impression that there is money in the retail florist business.

Wm. Cassidy, with Elliott & Ulam was married last Thursday. The congratulations of the trade are his.

Mr. Geo. Oesterle, of Randolph & McClements, has been confined to his home with an attack of sciatic rheumatism, but is now able to be about.

The Pittsburg Cut Flower Co., Limited, has issued a neat and attractive price list of florist supplies.

The Botanical Society of Western Penna. will hold their regular monthly meeting next Thursday evening, July 6th.

The writer wishes to remind the members of the Pittsburg and Allegheny Florists' and Gardeners' Club to attend the next meeting to be held Thursday evening, July 13th, at the store room of the Pittsburg Cut Flower Co., Ltd., 705 Penn avenue, Pittsburg, T. P. LANGHANS.

SPECIAL TAX ON GREENHOUSES.

The City Fathers of this place have seen fit in their extreme wisdom to place a special tax on greenhouses, and we don't like it. Now do you know of any just reason why this tax should or should not be paid? Any light that you may be able to shed on this subject will be thankfully received. Has this question ever been taken to the Supreme Court of any State or to the U. S. Courts? Is there a special tax on the business collected in any town or city? J. W. C. D.

[We have never before heard of a special tax on greenhouses. Have any of the other readers of The Review? Ed.]

THE CLASSIFIED ADVS.

"To save time is to lengthen life," they say; therefore, as the subscribers to The Review don't have to look so long to find what they want, they ought to live long, etc. I. A. B.



REGULAR SHIPPING ORDERS RECEIVE SPECIAL ATTENTION.

WINTERSON BROS.
Wholesale Growers of
CUT FLOWERS, 51 Wabash Ave.
CHICAGO.

WHOLESALE PRICE LIST.

American Beauty, extra long stem, per doz.	\$3.00	Meteor	per 100, \$3.00 to \$5.00
" 24-inch stem	2.50	Bridesmaid	" 3.00 to 4.00
" 20 "	2.00	Bride	" 3.00 to 5.00
" 15 "	1.50	Perle	" 3.00 to 4.00
" 12 "	1.25	Carnations	" 1.00 to 1.50
" 8 "	1.00	" fancy	" 2.00

Mention The Review when you write.

FALL BULBS OF ALL KINDS
Write for quotations on your wants now. Should you not receive our list, notify us and same will be mailed.

FLORISTS' SUPPLIES, CUT FLOWERS, ETC.
McKELLAR & WINTERSON,
45-47-49 Wabash Avenue.CHICAGO, ILL.

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50,000 FIRST QUALITY FORCING ROSES. READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last seven years, first-class and perfectly healthy in every respect.

Only selected growth from flowering shoots used in propagating.

WOOTTON	LA FRANCE	AMERICAN BEAUTY	PRESIDENT CARNOT
METEOR, BRIDESMAID, GONTIER, SUNSET, BON SILENE, MERMET, PERLE, KAISERIN, BELLE SIEBRECHT, MME. HOSTE, NIPHOTOS, BRIDE,	3-inch pots, \$8.00 per 100; 4-inch pots \$12.00 per 100.	3-inch pots, \$7.00 per 100; 4-inch pots, \$10.00 per 100.	3 1/2-inch pots, \$15.00 per 100.
GRAFTED ROSES, BRIDE, KAISERIN, PRESIDENT CARNOT,	J. L. DILLON, BLOOMSBURG, PA.		

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3,500 Bride Roses, 2 1/2-in. pots	Per 100 \$2.50
3,700 Bridesmaid Roses, 2 1/2-in. pots	2.50
800 Smilax Plants, 2-in. pots	1.00

These are **EXTRA FINE PLANTS.** First come, first served. Remember a good thing don't last long.

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3 1/2-in., potted back to 3-in. Extra strong, select plants. July 15th and later delivery. \$6.00 per 100. Kaisers, Brides, Meteors, Maids, 2 1/2-in., \$3.50 per 100.

SMILAX Extra strong, 2-in., \$1.00 per 100; \$8.00 per 100. Cash with order.

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	Per 100	Per 1,000
American Beauty plants, 3 1/2-in. pots	\$9.00	\$90.00
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Maids " "	5.00	45.00
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{ During the summer months, commencing July 3rd, will be open }
 { from 7:30 a. m. to 6 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance Phone 2157.

CONSIGNMENTS SOLICITED.

No. 705 Penn Avenue, PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

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SOME OF OUR SPECIALTIES

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THE MODEL PLANT STAKE. For Lilies and All Pot Plants.

Lancaster, Pa., June 17, 1899.
 Mr. Theron Parker.
 Dear Sir: Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other specialties are as good they should make another addition to the money-makers of 1900.
 Very respectfully,
 ALBERT M. HERR.

Manufactured by the
MODEL PLANT STAKE CO.
 226 No. Ninth Street,
 BROOKLYN, N. Y.

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ANTON SCHULTHEIS, P. O. Box 78... College Point, Queens Borough, N. Y. HEADQUARTERS FOR PALMS and Decorative Plants in Quantity
 Come, see Ericas (Heather), also Full and con- Line of Other Flowering Plants vince yourself. Price List on Application.

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1840 Old Colony Nurseries, 1899 HARDY SHRUBS, TREES, VINES, EVERGREENS and PERENNIALS.

A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap.
 Trade list free on application.

T. R. WATSON, Plymouth, Mass.
 Mention the Review when you write.

SURPLUS STOCK.....

2000 Marie Louise Violet Plants. I offer healthy, clean and strong plants for \$5.00 per 1000; also 3000 well rooted cutting of Marie Louise, \$5.00 per 1000. The above stock is clean—not a spot on it. Send at once. Cash with order.

CHRISTIAN LAWITZEN, Box 262, Rhinebeck-on-Hudson, N. Y.
 Mention the Review when you write.

ROSES. Carnations VALLEY FERN. GALAX and IVY LEAVES, and all kinds of Seasonable Flowers in Stock.



We get daily new customers because we have the reputation that all orders are punctually filled.

Consignments of good stock solicited.

Long Distance Telephone 2985.

WM. F. KASTING & CO., F. STOKES, Manager.

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All kinds of FLORISTS' SUPPLIES and WIRE DESIGNS on hand.

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Galax Leaves...

For Summer Use in Cold Storage. Write the Introducer.

HARLAN P. KELSEY, 1106 Tremont Bldg., - BOSTON, MASS.
 Mention The Review when you write.

Asparagus Plumosus

Strings 10 feet long. 50 cents. Shipped to any part of the country.

W. H. ELLIOTT, BRIGHTON, MASS.
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Cut Flower Exchange,

404 - 412 East 34th St., New York. NEAR THE FERRY. Open Every Morning at 8 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.
J. DONALDSON, SECRETARY.
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The practical leaders to correct order taking in hurried hours. Single sample free. Pad of 100 sheets, mailed for 24 cents in stamps. Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.
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GIVE US A TRIAL. WE CAN PLEASE YOU.



Roses, Carnations and all kinds of Seasonable Flowers in stock.

WM. F. KASTING, Wholesale Commission Florist, 481 Washington St., BUFFALO, N. Y.
 Also Dealer in Florists' Supplies and Wire Designs.

Mention The Review when you write.

WM. J. BAKER, WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.
 Original Headquarters for CARNATIONS.

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EDWARD REID, Wholesale Florist,

LONG DISTANCE PHONE.

1526 Ranstead St., PHILADELPHIA, PA.

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Pandanus Veitchii Clean Stock, Pedestal Grown.

6-in. pots, \$1.00 each; \$12.00 a dozen. Also larger sizes. Send list of sizes required and get rates. Also a few white leaved plants at half price, for decorative effects or cutting up.

JOHN WELSH YOUNG, - Germantown, Pa.
 Upsal Station, Penn. R. R.
 Mention The Review when you write.

Rose Hill Nurseries.

Palms, Orchids, Roses, Ferns AND FOLIAGE PLANTS. Largest stock in America.

SIEBRECHT & SON, New Rochelle, N. Y.
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Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon, variegated trailing, finest of all for baskets and vases, 3-inch, \$6.00 per 100. Rooted cuttings, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Abutilon Savitzii. A grand bedding plant. Grows dwarf and bushy. Capital plant to use with crotons. 3-inch, \$5.00 per 100.
The Cottage Gardens, Queens, N. Y.

ALTERNANTHERAS.

Red alternanthera; 8,000 plants in good condition, at \$2.50 per 100. Cash with order.
Chas. Knapp, Mermald, Chestnut Hill, Philadelphia, Pa.

2,000, mostly P. Major, to close out at \$12.00 per 100; \$22.00 for the lot.
Wm. M. Kidd, 2984 Atlantic Ave., Brooklyn, N. Y.

Alternantheras, three sorts—Paronychoides Major, Rosea Nana, and Aurea Nana, \$2.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Rooted cuttings, A. nana and R. nana, 60 cents a hundred; \$5.00 a 1000. Cash please.
A. J. Baldwin, Newark, O.

1500 alternantheras, 4 sorts, thumb pots, \$1.50 per 100, Nathan Smith & Son, Adrian, Mich.

Two varieties, 2½-inch, \$1.50 per 100.
R. I. Hart, Mgr., Hackettstown, N. J.

500 Red Alternantheras, \$1.75 per 100.
C. L. Reese, Springfield, Ohio.

AMPELOPSIS.

Ampelopsis Variegata, \$5.00 per 100.
A. & G. Rosbach, Pemberton, N. J.

Ampelopsis Vittelii, 2-inch, \$2.00 per 100.
Geo. M. Emmans, Newton, N. J.

ASPARAGUS.

Asparagus Sprengerii, 4-inch pots, 20 cts. each, \$2.00 per doz.; 5-inch, 25 cts. each, \$3.00 per doz.; 6-inch, 50 cts. each, \$6.00 per doz. A. plumosus nanus, 2-inch, \$5.00 per 100; 3-inch, \$1.00 per doz.; 4-inch, \$1.50 per doz. All nice plants.
Geo. Wittbold, 1708 N. Halsted St., Chicago.

Asparagus Plumosus, \$1.00 to \$1.50 per dozen. Sprengerii, 3½-inch pots, \$1.50 per dozen. Tenuissimus, 2½-inch pots, 75 cts. per doz.; 3½-inch, \$1.25 per doz.
Wm. A. Eock, No. Cambridge, Mass.

In the adv. of C. Merkel & Son in our issue of June 15 a typographical error made them offer Asparagus Sprengerii at \$2.00 per 100, when it should have read \$7.00 per 100.

A. plumosus nanus, 5-inch pots, \$20.00 per 100; 6-inch pots, \$25.00 per 100. Asparagus seed, home grown, \$1.00 per 100; \$9.00 per 1000.
W. F. Kasting, 451 Wash. St., Buffalo, N. Y.

Asparagus Sprengerii, seedlings, from soil, with fine tubers, ready for 3-inch pots. By mail, and we pay postage, \$3.00 per 100.
American Rose Co., Washington, D. C.

Asparagus Sprengerii, 2-in., 24 for \$1.50, mailed; \$4 per 100, express. 3½-in., 24 for \$2.50, mailed, \$7 per 100, express.
A. Blanc & Co., Philadelphia.

Asparagus plumosus nanus, fine 2-inch pot plants, \$4.00 per 100. A. Sprengerii, 2-inch, \$3.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Asparagus Sprengerii, 2-inch, \$4.00 per 100. Asparagus plumosus, 2-inch, \$5.00 per 100.
Carl Hagenburger, West Mentor, Ohio.

1100 Asparagus Plumosus from 2½-in. pots, \$5.00 per 100. Windsor Flower Seed Co., Box 355, Windsor, Ont.

A. plumosus, 2½-inch, \$5.00 per 100.
Morris Floral Co., Morris, Ill.

BEGONIAS.

5000 Begonia Rex Assorted, 2½-inch, \$4.00 per 100; Named, \$6.00 per 100. Tuberosus root- ed, 2½-inch, \$5.00 per 100. Rooted cuttings: Rex, \$2.00 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Very strong plants, from 2-inch pots, \$2.00 per 100; Argentea guttata, Vernon (red and white), Alba picta, Thurstonii, rubra, or mixed sorts, Cash please.
Edw. B. Jackson, Stamford, Conn.

Rex, extra fine, from 4-inch pots, assorted, \$10.00 per 100. Vernon and Argentea guttata, from 2-inch pots, \$2.50 per 100.
Paul Mader, East Stroudsburg, Pa.

Begonia manicata aurea, the finest of all the ornamental leaved begonias, \$5.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Begonia Rex, fine assortment of vars., nice plants in 2½-in. pots, \$4.00 per 100.
F. R. Pierson Co., Tarrytown, N. Y.

Alba picta, A. guttata, Feastii, and others, 2-inch, \$2.00 per 100. Cash please.
A. J. Baldwin, Newark, Ohio.

7000 Begonias, 10 varieties, 2½ and 3-inch, \$1.50 per 100; \$12.00 per 1000.
Morris Floral Co., Morris, Ill.

Begonia Pres. Carnot, nice plants, 2 cts.
Fairview Floral Co., Beatty, O.

BOUVARDIAS.

August is the time to plant. \$2.50 per 100.
McCrea & Cole, Battle Creek, Mich.

BULBS.

Freeseias, July delivery. White with yellow throat, ¾ to ½-in., 40 cents per 100; \$3.00 per 1000; ½ to ¼-in., 60 cents per 100, \$4.50 per 1000. Pure white, ¾ to ½-in., 60 cents per 100, \$4.00 per 1000; ½ to ¼-in., 75 cents per 100, \$6.00 per 1000. Callas and all forcing bulbs. Send for new price-list. Early orders save 10 per cent.
H. H. Berger & Co.,
47 Barclay St., New York.

Freesia Bulbs, refracta alba and hybrids. Try California grown bulbs, save the duty and get sound stock, true to variety. Headquarters for Calla ethiopia. Order early if you wish to secure full delivery. Ask for prices. Germain Fruit Co., Los Angeles, Cal.

Tuberose Pearl, good blooming bulbs, 75 cts. per 100; \$5.00 per 1,000; extra size, \$1.00 per 100.
F. R. Pierson Co., Tarrytown, N. Y.

Fall bulbs of all kinds. Write for quotations on your wants now.
McKellar & Winterson, Chicago.

Send in your list of wants for quotations.
F. W. O. Schmitz, Jersey City, N. J.

CANNAS.

Cannas, from 4½-in. pots, Egandale, Mme. Crozy, Chas. Henderson, Austria, Paul Marquant, Alphonse Bouvier, at \$5.00 per 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

250 Chas. Henderson, 100 Madame Crozy, 50 Admiral Courbet, No. 1 plants from 4-inch pots, at 6 cts., or at 5 cts. for the lot.
W. G. Richardson, Bennington, Vt.

500 Cannas, Austria, Italla, Bouvier, F. Vaughan, C. Henderson, Q. Charlotte, large plants, from 4-inch pots, \$6.00 per 100.
Chas. L. Stanley, Plainfield, N. J.

Cannas, mixed, 3-inch pots, \$3.00 per 100. Send for sample. Cash with order.
Fred. Boerner, Cape May City, N. J.

Ten leading varieties, from flats \$30 per 1000.
John Scott, Keap St., Brooklyn, N. Y.

CARNATIONS.

Fine plants, well established in 2 and 3-inch pots, of Scott, Meteor, Bon Ton, Jubilee, Victor, Daybreak, New York, E. Pierson, Mayor Pingree, John Young, etc., 2 and 2½-in., \$20.00 per 1000; 3-in., special price on application.
Harkett's Floral Nursery, Dubuque, Ia.

From 2½-inch pots. Flora Hill, Jubilee, Triumph and Morello at \$2.25 per 100. Albertini, Bridesmaid and Robinson at \$1.50 per 100. Rose Queen, Peach Blow, Wm. Scott, L. McGowan and Meteor at \$1.25 per 100.
Logan Ave. Greenhouses, Danville, Ill.

7,100 rooted cuttings: 1000 Triumph, 3,500 Flora Hill, 500 Jubilee, \$2.00 per 100. 700 Wm. Scott, 1000 Daybreak, \$1.50 per 100. 400 Cerise Queen, \$4.00 per 100.
Nathan Smith & Son, Adrian, Mich.

New hybrid Carnation Vulcan. A first class summer flowering variety, flowers medium size, a pleasing shade of red, \$5.00 per 100.
C. Eisele, 11th and Jefferson Sts., Phila., Pa.

Best new and standard carnations, beautifully illustrated and accurately described in our trade list. Send for copy.
W. P. Peacock, Atco, N. J.

Rooted Cuttings all sold. We are booking orders for field grown plants.
Geo. Hancock & Son, Grand Haven, Mich.

Scott, Alaska, well established plants, \$1.00 per 100. Cash with order.
Chas. H. Proctor, W. Milford, N. J.

Carnation Cuttings all sold. Field grown plants for fall delivery.
F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

Special price of \$1.50 per dozen and \$10.00 per 100 on the following new varieties, introductions of 1899; plants in fine shape; Willow Brook, extra early large white; Harry A. Parr, lemon yellow, early, fine commercial variety; Lady Harriet, large, early, deep pink; Robt. Halliday, fine, large, early mid-season yellow; John K. Shaw, fine commercial pink, globe shaped, early midseason, scored 82 points; Adele, grand delicate pink, early, scored 94 points. Special price of \$3.00 a dozen or \$20.00 per 100 on Mrs. P. L. Park-grandest of all yellows, bell-shaped, mid-season, 25 plants at 100 rate. Other new and standard sorts. Send for list.
H. Weber & Sons, Oakland, Md.

Leading Mums: Yellow—Bonnaffon, Modesto, Johnson, Jones, Golden Trophy, Emil Buetner, Sunderbruch, Rieman, Maud Adams, Yellow Queen, Golden Wedding, Henderson, Pink—Perrin, Ivory, Jones, Viviland-Morel, Murdock, Glory of the Pacific, Marquis de Montmort, White—Geo. S. Kalb, Ivory, Robinson, Jones, Iron Woodford, Gretchen Buetner, Schrimpton, Lottie Berry, Minnie Wana-maker, Fitzwygram, Bergman, 2½-in., \$2.50 per 100; \$20.00 per 1,000.
Poeblmann Bros., Morton Grove, Ill.

Strong, healthy, extra fine stock, not weak, short plants, from 2½-inch pots, 2½ cts. each; \$20.00 per 1,000. Never had such plants before. EARLY—Bergmann, Robinson, Glory of the Pacific, Simpson, Whildin, Lager, Lady Fitzwygram, Marie Louise, Ivory. MID-SEASON TO LATE—Pink Ivory, Queen, Cullingsford, G. W. Childs, L. Canning, Mrs. Black, Mrs. Perrine, Mrs. Murdock, Daille-douze, Modesto, Major Bonnaffon. Cash with order, please.
Chas. Zimmer, West Collingswood, N. J.

We have concluded to discontinue growing "mums" and offer what we have left, in 2-inch pots: 1000 Major Bonnaffon, 1000 Mrs. Jerome Jones, at \$15.00 per 1000.
Morton Grove Greenhouses, P. Krelsmann, 27 Market St., Chicago.

Chrysanthemums, Bergmann, Ivory, Major Bonnaffon, Merry Monarch, Mrs. H. Robinson, L. Canning, Modesto, \$2.00 per 100, from 2½-inch pots; W. H. Lincoln, \$3.00 per 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS CONTINUED.

Chrysanthemums, fine assortment, leading varieties, \$3.00 per 100. For full list of all the latest novelties, extra choice sorts, see our descriptive catalogue. Among other sorts can supply Pres. Graham, Mrs. C. H. Pierce, Mrs. O. P. Bassett, Mme. Perlat, Mlle. Lucie Faure, Modesto, Mrs. H. Weeks, Glory of the Pacific, Miss Agnes L. Balskov, Major Bonnaffon, Mrs. Jerome Jones, G. J. Warren, Polly Rose, Australian Gold, Mme. Georges Bruant, N. C. S. Jubilee, Robt. Owen, Jr., Julia Scaramanga, etc.
P. R. Pierson Co., Tarrytown, N. Y.

Surplus stock of Chrysanthemums, Dailledouze, Modesto, Mrs. Fred L. Button (early white), Mme. Andre, Harry Baisley, Mrs. Weeks, Frank Hardy, Glory of Pacific, Pink Ivory, Golden Wedding, Pennsylvania, Empress of India, Lady Fitzwigram, Major Bonnaffon, Mrs. Henry Robinson, Jerome Jones, Yellow Jerome Jones, Mme. Bergmann, Merry Xmas and others. All the above in 2 and 3-inch pots and fine, 2 1/2 cents each, or \$20.00 per 1,000. Cash with order.
Joy & Son, Nashville, Tenn.

Chrysanthemums from 2-inch pots for June and July planting, 6,000 novelties for 1899 at very moderate prices, 2,000 European novelties at \$10.00 per 100, 2,000 new varieties of 1898 at \$4.00 per 100, 25,000 standard varieties at \$2.50 per 100. Send us a list of your wants, stating quantity, date to be delivered, and we will advise you what we can do.
Nathan Smith & Son, Adrian, Mich.

Merry Monarch, Phoebus, Modesto, Philadelphia, Whilldin, V. Morel, M. Dean, Bonnaffon, Yanoma, Pink and White Ivory, L. Canning, 2 inch, \$2.00 per 100. Yellow Ivory and Pennsylvania (new), 60c. per doz.
J. G. Eisele, 20th & Ontario sts., Phila., Pa.

Mrs. H. Robinson, Glory of the Pacific, J. Jones, E. Dailledouze, and other good varieties, 2 1/2 in., \$2.50 per 100.
A. J. Baldwin, Newark, Ohio.

Frank Hardy, Modesto, Bonnaffon, \$2.50 per 100. First class stock.
Alvah L. Reynolds, Madison, N. J.

In good variety, from 2 1/2-inch pots, \$2.00 per 100. Cash with order.
R. Vincent, Jr. & Son, White Marsh, Md.

CLEMATIS.

Clematis. Special offer of young plants. Florists—why not grow your own plants; they will suit you better than any you can buy. I offer nice, young, well-hardened plants, 10 varieties, best sorts, free by mail, for \$1.00; per 100, \$8.00; 25, same rates. Strong plants from 5-in. pots, in ass't, \$2.50 a dozen.
F. A. Baller, Bloomington, Ill.

COLEUS.

3,000 Coleus, G. Bedder, Verschaffeltii and assorted, 10 varieties, 2 1/2-inch, \$2.00 per 100.
Chas. L. Stanley, Plainfield, N. J.

Verschaffeltii, Golden Bedder and mixed varieties, from 2 1/2-inch pots, \$2.00 per 100.
Nicholas Amos, Crestline, O.

Mixed Coleus, \$1.25 per 100; \$12.00 per 1,000.
R. I. Hart, Mgr., Hackettstown, N. J.

Best varieties, 6 to 8-in. high, 1 ct.
Fairview Floral Co., Beatty, O.

Assorted, fancy-leaved varieties, \$2.50 per 100.
F. R. Pierson Co., Tarrytown, N. Y.

Ten best bedders, 2 1/2-inch, \$1.50 per 100.
Morris Floral Co., Morris, Ill.

CYPERUS ALTERNIFOLIUS.

Strong plants, from 4-inch pots, \$1.00 per dozen; from 5-inch pots, \$1.50 per dozen.
Geo. Wittbold, 1708 N. Halsted St., Chicago.

Umbrella plant, large, stocky plants, from 4-inch pots, 5 cents.
Fairview Floral Co., Beatty, O.

Fine stock, 2 1/2-in. strong, \$1.50 per 100; \$13 per 1000.
Furrow Bros., Guthrie, Okla.

DAHLIAS.

Peacock's new Dahlias for 1899. Best new varieties, best old varieties. Send for our new illustrated trade list before ordering elsewhere. Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequalled record. Surplus stock of mixed Dahlias at right price. Also Dahlias under color. Correspondence solicited.
W. P. Peacock, Atco, N. J.

Dahlias, we have one of the largest and finest collections; Cactus, Large-flowering, or Show, Small-flowering or Pompon, and Single. We offer only the very finest sorts. Strong, pot-grown plants, \$6.00 per 100.
P. R. Pierson Co., Tarrytown, N. Y.

DRACAENAS.

Dracaena Indivisa, one of the most useful plants for center of vases, baskets, etc. We have a fine stock, which we can supply as follows: Extra strong plants, 6-in. pots, 2 to 2 1/2 ft. high, \$5.00 per doz. Large specimens, 3 to 3 1/2 ft. high, for large vases, \$15.00 per doz. F. R. Pierson Co., Tarrytown, N. Y.

Dracaena Indivisa, quality unexcelled and in any quantity. 7-inch pots, 2 1/2 feet high, \$75.00 per 100; 8-inch pots, 3 feet, \$100.00 per 100; 8-inch pots, 3 1/2 feet, \$125.00 per 100; 9-inch pots, 3 1/2 to 4 feet, \$18.00 per dozen. Measurements all above the pots.
John Scott, Keap St., Brooklyn, N. Y.

Dracaena Indivisa, from flats, 50 cents per dozen \$3.00 per 100.
Paul Mader, East Stroudsburg, Pa.

FERNS.

Nephrolepis Washingtoniensis, a magnificent new fern, forming a very attractive specimen as a pot plant and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house. Three good plants from 2-inch pots mailed for \$1.00; 100 good plants from 3-inch pots expressed for \$40.00; 100 extra fine plants from 4-inch pots, \$60.00.
John H. Ley, Good Hope, D. C.

Nephrolepis Exaltata Bostoniensis, The handsomest decorative plant in cultivation, \$5.00 per 100; \$40.00 per 1000. Mine is the genuine stock.
Fred C. Becker, Cambridge, Mass.

Boston Fern, we have a large stock in large sizes, which we can supply as follows: Extra strong plants, 10-inch pans, \$15.00 each.
F. R. Pierson Co., Tarrytown, N. Y.

Boston Ferns, N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; not less than 250 at 1,000 rate.
Wm. A. Beck, No. Cambridge, Mass.

I have about 20,000 ferns in fine assortment, from 2-inch pots, in fine condition, \$3.00 per 100; \$27.50 per 1000.
John Bader, Troy Hill, Allegheny, Pa.

The Boston Fern. A specialty. \$3.00 per 100; \$40.00 per 1,000. Orders filled in rotation, as plants are ready.
L. H. Foster, 45 King St., Dorchester, Mass.

200 Nephrolepis cordifolia, a sword fern of rapid growth, 4-inch pots, \$10.00 per 100.
N. Smith & Son, Adrian, Mich.

Extra fine lot of Bostoniensis Ferns, ready for 5-inch pots. Geo. A. Kuhl, Pekin, Ill.

Boston ferns, 6-inch pots, \$6.00 a dozen.
John Scott, Keap St., Brooklyn, N. Y.

Wanted, 580 Adiantum cuneatum.
Poechmann Bros., Morton Grove, Ill.

GERANIUMS.

Geranium America. The ideal pot and bedding Geranium, exquisite, striking coloring; enormously floriferous; dwarf and strong in growth. Orders booked now. Photos free.
Henry Elchholz, Waynesboro, Pa.

Assorted, 2 1/2-inch, \$4.00 per 100; 3 1/2-inch, \$6.00 per 100; Mme. Sallerol, 2-inch, \$2.00 per 100; Sweet scented, Mrs. Pollock, Pansy, 2 1/2-inch, \$4.00 per 100; Mrs. Parker, 2 1/2-inch, \$6.00 per 100. Rooted cuttings: Assorted, \$1.50 per 100; mixed, \$1.25; Mrs. Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Silver Leaf, Rose scented, Ivy, \$1.50; Mrs. Parker, Freak of Nature, \$4.00; Mme. Sallerol, \$1.25. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Single Grant, finest single scarlet Geranium for bedding. Strong plants, 2 1/2-in. pots, \$6.00 per 100. Ivy-leaved, finest sorts, 2 1/2-in. pots, \$4.00 per 100.
F. R. Pierson Co., Tarrytown, N. Y.

Ivy Geraniums, Souv. de Chas. Turner, extra fine, in bud and bloom, 4-inch, \$6.00 per 100. Rose and Mrs. Taylor geraniums, 2-inch, \$2.00 per 100.
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First class assortment, from 2-inch pots, \$3.00 per 100; 3 1/2-inch pots, \$6.00; 4-inch, \$8.00. Mars stock plants, \$3.00 per dozen. Cash with order.
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Mme. Jaulin, the peach pink Bruant, 3-inch, \$8.00 per 100. Mme. de la Roux, the best single salmon bedding Bruant, 3-inch, \$8.00 per 100. The Cottage Gardens, Queens, N. Y.

1,500 Geraniums, best varieties, assorted, 4-inch, \$4.00 per 100. 2,000 best Doubles, 2 1/2-in., \$2.00 per 100.
Chas. L. Stanley, Plainfield, N. J.

Fine large plants in bloom, Double Grant and Mrs. Pollock, \$4.00 per 100; \$35.00 per 1,000. R. I. Hart, Mgr., Hackettstown, N. J.

Geraniums, 4-inch, mixed for stocks, \$5.00 per 100. 2 1/2-inch, mixed for stocks, \$2.00 per 100.
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Bedding geraniums, 4-inch pots, \$6.00 per 100; 3-inch, \$4.00 per 100. First class stock.
Crabb & Hunter, Grand Rapids, Mich.

Nice plants in best assortment, 2 cts.
Fairview Floral Co., Beatty, O.

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Hardy shrubs. Assorted in twenty varieties, 1 and 2 year old, fine plants \$50.00 per 1000. Three and four years old, strong bushes \$80.00 per 1000. Descriptive catalogue and wholesale price list of ornamental nursery stock for all in the trade.
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Choice trees and hardy plants. Specialties: Azalea amoena, Rhododendrons, kalmias, blue spruce. New introduction of hardy perennials. Catalogue free.
Newport Nurseries, Newport, R. I.

Hardy Herbaceous Perennials. The most complete stock in America. Paeonies, Phlox, Iris, Delphiniums, etc., etc.
Jacob W. Manning, The Reading Nursery, Reading, Mass.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

Specimen Evergreen Trees for tubs and vases for decorations.
Chas. B. Hornor & Son, Mt. Holly, N. J.

HYDRANGEAS.

Hydrangea Otaska, fine plants in 5-in. pots, in bloom, beginning to show color, one fine flower each, \$3.00 per doz. Also very large plants in tubs for late blooming, just coming into bud, \$1.50 each. Also large specimens in half-barrels, buds well developed, plants that will be in full bloom in July and August, with from 30 to 50 buds, \$5.00 each.
F. R. Pierson Co., Tarrytown, N. Y.

Hydrangea from 4-inch pots, in bloom, \$1.25 per dozen; \$8.00 per 100.
Fred Boerner, Cape May City, N. J.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

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Lager & Hurrell, Summit, N. J.

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10,000 Peonies in twenty distinct varieties. W. & T. Smith Co., Geneva, N. Y.

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WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS. Measurements from top of pot to top of tallest leaf.

	Pot H't. Char.		Each.	Doz.
	in. in.	lvs.		
Areca Lutescens,	5 22-26	6-10	\$.50	\$5.00
"	6 24-28	8-10	.75	9.00
"	8 49-59	13-20	2.50	30.00
Cocos Weddellana,	3 10-14	4-6	.25	3.00
Kentia Belmoreana,	6 24-26	5-7	1.50	18.00
"	8 28-40	6-8	2.50	30.00
" Forsteriana,	6 32-36	3-5	1.25	15.00
Latania Borbonica,	4 14-16	2-3	.25	3.00
"	6 20-24	5-6	.75	9.00
"	8 24-30	5-6	1.50	18.00
"	9 34-36	7-8	2.50	30.00
Phoenix Reclinata,	5 18-20	4-5	.50	5.00
" Canariensis,	6 22-26	5-6	.75	9.00
"	7 26-30	8-10	1.00	12.00

If in need of large specimens of Latania Borbonica, Corypha, Areca Lutescens, Pandanus Utilis or Veitchii, etc., write us for sizes and prices.

MISCELLANEOUS. Each Doz.

Araucaria Excelsa, 6-in. pots.....	\$1.50	\$18.00
Araucaria Excelsa, 7-in. pots.....	2.00	24.00
Araucaria Excelsa, 8-in. pots.....	3.50	40.00
Dracaena Fragrans, strong, 5-in.....	.50	5.00
Pandanus Utilis, strong, 5-in.....	.50	5.00
Pandanus Veitchii, strong, 7-in.....	2.00	24.00
Peperomia Wershefeldii, 3-in.....	1.00	12.00
Peperomia Wershefeldii, 4-in.....	1.50	18.00
Sansiveria Javanica Var., 3-in.....	1.25	15.00
Selaginella Emileana, 4-in.....	1.50	18.00
Selaginella Martensii, 4-in.....	1.50	18.00

Geo. Wittbold, 1705 N. Halsted St., Chicago.

Latania Borbonica, 2-inch pots, 60 cents per doz.; 4.00 per 100. 4-inch pots, \$2.50 per doz.; \$20.00 per 100. 5-inch pots, extra fine, \$4.75 per doz.; \$35.00 per 100. 6-inch pots, \$9.00 per doz.; \$70.00 per 100. 8-inch pots, from \$1.50 to \$2.25 per plant; \$16.00 to \$24.00 per doz. Fine specimen plants, from \$3.00 to \$5.00 apiece.

Areca Lutescens, 4-inch pots, \$25.00 per 100.

Large plants from \$5.00 per doz.

Kentia Belmoreana and Forsteriana, 4-inch pots, \$35.00 per 100; 5-inch pots, \$50.00 per 100; 6-inch pots, \$1.00 to \$1.25 apiece. Large plants from \$3.00 to \$10.00 apiece.

Phoenix Reclinata, Canariensis and Rupicola, all sizes from 2 to 10 inch pots, at lowest prices. Phoenix Reclinata, 4-inch pots, 20 cents each, \$18.00 per 100; 5-inch pots, 35 cents each, \$30.00 per 100; 6-inch pots, 60 cents each, \$55.00 per 100.

Cocos Weddellana, 2-inch pots, fine, \$15.00 per 100, and larger plants from 20 cents up. John Bader, Troy Hill, Allegheny, Pa.

Kentias, Belmoreana and Forsteriana, 6-in. pots, from \$1.00 to \$1.50 each; 7-in. pots, \$1.50 to \$2.50 each; larger plants, \$3.00 to \$10.00 each. Areca Lutescens, 50c to \$3.00 each. Latantias, from \$4.00 per doz. to \$3.00 each. Araucarias, large plants, \$1.00 to \$1.50 each. Rubber plants, \$3.00 to \$4.00 per dozen. Wm. A. Bock, No. Cambridge, Mass.

Pandanus Veitchii. We are still offering a special price on this stock. Can supply as follows: Extra fine plants, 7-in. pots 2 ft. high, \$1.50 each; larger plants, 8-in. pots, 2 1/2 ft. high, \$2.00 each; larger specimens at \$3.00 to \$5.00 each, according to size. F. R. Pierson Co., Tarrytown, N. Y.

For growing on Kentia Belmoreana, seedlings, 1 and 2 leaves, from seed pans, \$6.50 per 100; \$60.00 per 1,000. 2-inch pots, \$10.00 per 100; 2 1/2-inch pots, \$14.00 per 100. All first-class stock. Last chance before repotting same. Send for sample. Siebrecht & Son, New Rochelle, N. Y.

Pandanus Veitchii, clean stock, pedestal grown, 6-inch pots, \$1.00 each; \$12.00 a dozen. Also larger sizes. Send list of sizes required and get rates. Also a few white-leaved plants at half price, for decorative effects or cutting up. John Welsh Young, Germantown, Pa.

Latania Borbonica. We can supply a fine lot of extra sized plants, suitable for lawn or hotel decoration, plants 3 to 4 ft. high, extra heavy, \$1.00 to \$5.00 each, according to size. F. R. Pierson Co., Tarrytown, N. Y.

Cycas Revoluta stems, from 6 to 15 inches long, \$9.00 per 100 lbs. Special prices on large lots. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Palms and Decorative Plants in quantity. Anton Schultzeis, P. O. Box 78, College Point, Queens Borough, New York.

My entire stock of palms for sale at a bargain. New wholesale list ready. Send for it. W. J. Hesser, Plattsburgh, Neb.

Palms and Decorative Plants. Largest stock in America. Siebrecht & Son, New Rochelle, N. Y.

Send for our list of Palms and Ferns. Ellis & Polliworth, Milwaukee, Wis.

PRIMULAS.

Primula Sinensis Fimbriata. Prize sorts. Every possible care has been taken in the selection and harvesting and the results cannot fail to be entirely satisfactory. Per trade packet of about 200 seeds 50 cents each for following: Cheswick Red, bright crimson; Village Maid, white, striped with crimson; Rosy Morn, bright pink; Alba Magnifica, white; Cocinea Superba, crimson; Caerulea, beautiful blue. Stumpff & Walter Co., 50 Barclay St., New York.

Chinese Primrose Seed. New crop. Well known as the finest large flowering fringed varieties grown. Not to be compared to cheap imported seed. Special florists' packet of thirteen (13) varieties, single and double, mixed, 400 seeds, \$1.00; half packet, 50 cents. Primula Obconica Grandiflora Rosea, the finest of the improved Obconicas, 1000 seeds, 50c. A packet Primula Floribunda added to every order. Strictly cash prices. John P. Rupp, Schremanstown, Pa.

Baby Primroses. A good novelty for winter season. For pot and bench culture, treatment like violets; in bloom Christmas and Easter; also useful cut flowers. 3-inch pots, \$10.00 per 100; 2-inch, \$8.00 per 100; rooted cuttings, two months old, \$5.00; one month, \$3.00; sample doz. by mail, \$1.00. Cash with order, please. Albert Knapper, Frankford, Phila., Pa.

Baby Primrose, the newest thing for Easter blooming. Flowers in thumb pots; grows rapidly, 6-in. pot, carry 50 to 100 sprays of rosy flowers, 12 to 18 in. long; lasts 4 weeks when cut and wholesale at \$2 per 100; grows finely in cool house; perpetual bloomer. 12 for \$1.50; \$10 per 100, express prepaid. A. Blanc & Co., Philadelphia.

Baby Primrose, nice stock for fall and winter blooming. 75 cents per dozen, by mail; \$5.00 per 100, express paid. Primula Obconica, new, large flowering, strong plants ready for 4-inch pots, \$2.50 per 100. E. Fryer, Herriman st. and New Lots av., Brooklyn, N. Y.

ROSES.

50,000 first quality Forcing Roses, ready for immediate planting. Fully equal to those sent out the last seven years, first class and healthy, in every respect. Only selected growth from flowering shoots used in propagating. Wootton, Le France, American Beauty, Pres. Carnot, 3-inch pots, \$5.00 per 100; 4-inch pots, \$12.00 per 100. Meteor, Bridesmaid, Gontier, Sunset, Bon Silence, Mermel, Perle, Kaiserin, Belle Siebrecht, Mme. Hoste, Nipheto, Bride, 3-inch pots, \$7.00 per 100; 4-inch pots, \$10.00 per 100. Grafted roses, Bride, Bridesmaid, Kaiserin, Pres. Carnot, 3 1/2-inch pots, \$15.00 per 100. J. L. Dillon, Bloomsburg, Pa.

Meteors from 2 1/2-inch pots, \$2.00 per 100; \$15.00 per 1000; Bridesmaids from 2 1/2-inch pots, \$3.00 per 100; from 3-inch pots, \$5.00 per 100. American Beauty and La France, one year old, 24 inches high, \$30.00 per 1000. No order below than 500 accepted. Reinberg Bros., 51 Wabash Ave., Chicago.

Last chance for surplus lot of fine, strong rose plants, from 3 and 4-in. pots. 350 Meteors, 200 Brides, 125 Perles, 100 Bridesmaid, at \$1.00 per 100; also 100 Am. Beauties, 4-in., at \$9.00. The lot for \$35.00. J. F. Ammann, Edwardsville, Ill.

1,700 Brides, 4-inch; 1,100 Maids, 4-inch; 1,200 Brides, 2 1/2-inch; 1,500 Maids, 2 1/2-inch; 600 Meteors, 2 1/2-inch. All in excellent condition. \$4.00 per 100 for 2 1/2-inch, and \$8.00 per 100 for 4-inch. Vesey's Greenhouses, Ft. Wayne, Ind.

Fancy Rose stocks, 3 1/2-in. potted back 3-in. Extra strong, select plants. July 15 and later delivery. \$6.00 per 100. Kaiserins, Brides, Meteors and Maids, 2 1/2-in., \$3.50 per 100. South Side Floral Co., Springfield, Ill.

Bride, Bridesmaid, Duchess de Brabant, Little White Pet, Maman Cochet, Marechal Niel, Marie Galliot, Meteor, Pink Souper, in 3 and 4-inch pots, \$10.00 per 100. Elizabeth Nursery Co., Elizabeth, N. J.

Magna Charta, Mme. Margery, Gloire de Dijon, Mme. Masson, Auguste Mie, Hermosa, Anne de Diesbach, Gem of the Prairie, Prairie Queen and Russels Cottage, \$2.50 per 100. Williams & Sons Co., Batavia, Ill.

American Beauty, 3 1/2-in. pots, \$9.00 per 100; \$50.00 per 1,000. Meteor, Maids and Brides, 3 1/2-in. pots, \$5.00 per 100; \$45.00 per 1,000. Fine stock. Cash with order unless known. Brant & Noe, Forest Glen, Ill.

1,000 each Brides and Maids, 3-inch pots, all strong plants, at \$30.00. Morton Grove Greenhouses, Paul Kreismann, 27 Market St., Chicago.

Extra fine, clean stock, guaranteed to please. 3-inch Brides and Maids, \$4.00; \$35.00 per 1000. 2 1/2-inch Meteors, \$3.00 per 100; \$25 per 1000. Poeschlmann Bros., Morton Grove, Ill.

Good, strong plants in 3 1/2-inch pots, \$3.00 per 100. 800 Perles, 80 Maids, 1000 Brides, 1000 Mermets, 1000 Kaiserin. Cash with order. Mrs. J. W. Crouch, Chattanooga, Tenn.

4,000 nice young plants of Brides and Maids, from 3-inch pots, at 4.00 per 100; \$35.00 per 1,000; 500 at 1,000 rate. Cash with order. W. F. Hillborn, Newtown, Pa.

800 Meteor, 600 Bride, 300 Bridesmaid, 300 Perle, A No. 1 stock, from 3-inch pots, cuttings struck in December, \$5.00 per 100. C. L. Reese, Springfield, O.

American Beauties, from 3-inch pots, strong, clean, healthy plants, \$9.00 per 100; \$80.00 per 1000. This price is for the trade only. Jos. Hacock, Wyncote, Pa.

5,000 Bridesmaids, from 3 1/2-inch pots, \$6.00 per 100; \$50.00 per 1000. From 2 1/2-inch pots, \$3.00 per 100. Edw. J. Taylor, Southport, Conn.

Meteor, Kaiserin, Bridesmaid, in 3-inch pots, ready for planting, strong plants, \$5.00 per 100. T. E. Bartram, Lansdowne, Pa.

American Beauties, strong plants, from 4-inch pots, \$10.00 per 100. Cash with order. John B. Goetz, Saginaw, W. S., Mich.

Surplus roses, Brides and Maids, first class stock, from 3-inch pots, \$4.00 per 100. Crabb & Hunter, Grand Rapids, Mich.

3500 Brides and 3700 Maids, extra fine plants from 2 1/2-inch pots, \$2.50 per 100. McDonald & Steele, Crawfordsville, Ind.

1,500 fine Perle plants in 4-inch pots at 5 cents. Louis M. Noe, Madison, N. J.

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500 Brides, 3 1/2-inch, \$6.00 per 100. N. Smith & Son, Adrian, Mich.

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California seeds. Crop 1893. Perfectly ripened, sure to germinate. Per 1000 seeds, free by mail, cash with order; Musa ensete, \$7.50; Phoenix canariensis, \$2.50; Scaforthia elegans, \$5.00; Washingtonia filifera, 50 cents; Salvia Ing. Clavenad, \$2.00; Swainsona gal. alba, \$2.00. Per lb.: Grevillea robusta, \$3.50; Dracaena australis (berries), \$3.50; Dracaena indivisa (berries), \$2.50. Southern California Acclimatizing Association, Santa Barbara, Cal.

Calceolaria hybrida grandiflora, mixed; Cineraria hybrida grandiflora, mixed; Cineraria hybrida, dwarf; Cineraria hybrida Kerma-sina; Primula fimbriata, choice mixed; Rubra, Alba Magnifica, Cheswick Red, Meteor, Village Maid. Trade packets, 50 cents and \$1.00. Primula obovata, trade packets, 25 cents; 1-16 oz., 75 cents. Wm. Elliott & Sons, Dey St., New York.

Zirngiebel's Market and Fancy strains of pansies are unequalled for size and brilliancy of color and the most popular strains to date. New crop seed ready now. Trade packets of either strain at \$1.00 each. Full directions how to sow and cultivate with every packet. Denys Zirngiebel, Needham, Mass.

Pansy seed. Choicest prize mixture. German, Scotch and French giant sorts. Per packet of 1000 seeds, 25 cents; 1/4 oz., \$1.00. Primula, cineraria, cyclamen, calceolaria seed, fresh by July. Send for list. H. H. Lenger & Co., 47 Barclay St. New York.

Cyclamen growers do not forget that L. P. DeLanghe-Vervaeke, Nurseryman, 150 Rue de Constantinople, Brussels, Belgium, is the raiser of Cyclamen Papillo, the most beautiful strain in the world. Price, 100 seeds, \$3.00; 500 seeds, \$12.00; 1,000 seeds, \$20.00.

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The Jennings' strain of pansy seed. New crop, \$1.00 per packet; \$6.00 per oz. E. B. Jennings, Box 254, Southport, Conn.

Special seeds for the florist and gardener. Send for wholesale catalogue. Johnson & Stokes, Philadelphia, Pa.

Giant Pansy, large, flowering varieties, finest grown, 3500 seeds, \$1.00. J. F. Rupp, Shiremanstown, Pa.

Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order. C. Soltau & Co., 199 Grant Ave., Jersey City, N. J.

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3,000, from flats, by mail, 50 cents per 100; \$4.00 per 1,000; from 2-inch pots, \$1.50 per 100; \$13.00 per 1,000. Cash with order. Fred Boerner, Cape May City, N. J.

Smilax, very strong bushy plants, 2-inch, ready for planting, \$1.50 per 100; \$12.00 per 1,000. These will surely please you. C. Humfeld, Clay Center, Kan.

Smilax, strong and thrifty, 2-inch, 60 cents per 100; \$5.00 per 1000. Sample by mail 10 cents. Cash with order. R. Kilbourn, Clinton, N. Y.

3,000 smilax from 2 1/2-inch pots, extra strong winter sown, ready to run as soon as planted, \$2.50 per 100. N. Smith & Son, Adrian, Mich.

From 2-inch pots, \$2.00 per 100; \$15.00 per 1,000. C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Smilax, extra strong, 2-in., \$1.00 per 100; \$5.00 per 1,000. South Side Floral Co., Springfield, Ill.

Fine plants in 2 1/2-inch pots, \$1.50 per 100; \$13.00 per 1,000. W. T. & F. P. Butz, New Castle, Pa.

Smilax seedlings, good strong roots from flats, 35 cts. per 100; \$3.00 per 1,000. R. I. Hart, Mgr., Hackettstown, N. J.

Extra fine plants out of 4-inch pots, \$4.50 per 100; \$40.00 per 1000. Wm. Schweinfurth, Ridgewood, N. J.

2,000 2 1/2-in. Smilax, \$1.50 per 100; \$10.00 per 1,000. Cash with order. Chapin Bros., Lincoln, Neb.

Fine plants in 2 1/2-inch pots, \$1.25 per 100; \$10.00 per 1,000. J. B. Heiss, Dayton, O.

Pot plants ready now, by the 100 or 1000, at \$1.50 per 100. A. M. Herr, Lancaster, Pa.

Fine 2 and 2 1/2-inch Smilax plants, \$2.00 and \$2.50 per 100. John Wolf, Savannah, Ga.

Seedlings, from flats or transplanted. Write for prices. Geo. Souster, Elgin, Ill.

Elegant stock, 2-inch, \$1.25 per 100; \$10.00 per 1000. Furrow Bros., Guthrie, Oklahoma.

Strong plants, 2 1/2-inch pots, \$2.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

VEGETABLE PLANTS.

Celery. White Plume, Golden Self-Blanching, New Rose and other varieties, strong plants, 15c per 100; \$1.00 per 1,000. If by mail, add 10c per 100.

Cabbage. H. Succession, Early Summer, Flat Dutch, Brumhead Savoy and other varieties, strong field plants, 15c per 100; \$1.00 per 1,000; \$8.50 per 10,000. If by mail, add 10c per 100.

Tomato. Livingston's Stone, Favorite, Beauty and Brunton's Best, field grown, 15c per 100; \$1.00 per 1,000; \$8.50 per 10,000. If by mail, add 10c per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Tomato Plants, Stone, Perfection, Paragon, 50c a 1,000.

Cabbage Plants, Late Flat Dutch, Succession, 50c a 1,000.

Pepper Plants, Bull Nose, \$2.00 per 1,000. Cauliflower Plants, Henderson's Snowball, \$3.00 per 1,000.

Strong, field grown, 10,000 lots 25 per cent less. E. C. Hargadine, Felton, Del.

Celery, White Plume, New Golden and Kalamazoo, \$1.00 per 1,000. Cabbage, Winnigstadt, Flat Dutch and Deep Head Brunswick, \$1.00 per 1,000. Rutabagas, White and Yellow, \$1.00 per 1,000. Tomatoes, Dwarf Champion and Beauty, transplanted, \$2.00 per 1,000. Cash with order. Fred A. Taylor, Canastota, N. Y.

VERBENAS.

Good stock. Write for prices. A. Middlemass, 1919 Forest Hume Ave., Milwaukee.

Verbenas, 2 1/2-inch, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

VINES.

Variegated trailing abutilon, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00 per 100. Vinca var., 2 1/2-inch, \$2.50 per 100. Nasturtiums, 2-inch, \$2.00 per 100. Manettia bicolor, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00. English Ivy, 2 to 3 feet, \$5.00 per 100. German Ivy, 2 1/2-inch, \$3.00 per 100. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

Nasturtiums, Dwarf, Tom Thumb, strong plants in 3 1/2-in. pots, \$6.00 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Honeysuckle, Golden Leaved, strong plants, 2 1/2-c. Fairview Floral Co., Beatty, Ohio.

300 Vinca maj. variegata, 3-inch, \$4.00 per 100; 150 from 2-inch pots, \$2.00 per 100. N. Smith & Son, Adrian, Mich.

VINCAS.

Vinca Major, extra fine, 4-inch, \$8.00 per 100; 2 1/2-inch, \$2.25 per 100. Cash please. A. J. Baldwin, Newark, Ohio.

Vinca Major Variegata and Elegantissima, a fine stock of large plants grown in 3 1/2 in. pots, with fine tops, \$10.00 per 100. F. R. Pierson Co., Tarrytown N. Y.

VIOLETS.

2,000 Marie Louise violet plants, \$3.00 per 1,000; also 3,000 Marie Louise cuttings, well rooted, at \$5.00 per 1,000. The above stock is clean and healthy; not a spot on them. Send at once. Cash with order. C. Lawritzen, Box 262, Rhinebeck, N. Y.

Marie Louise, perfectly clean and healthy, a few first-class sand rooted cuttings, \$5.00 per 1,000; 60 cents per 100, while they last. Cash with order. R. Kilbourn, Clinton, N. Y.

Pot plants now ready of Marie Louise, Farquhar and Lady Campbell, free from disease, first class stock. Write for prices. Crabb & Hunter, Grand Rapids, Mich.

Campbell, Russian, California, Shoenbrun, Luxonne, Princess of Wales, 2 1/2-inch, \$3.00 per 100. Conard & Jones Co., West Grove, Pa.

California violets, strong plants, \$4.00 per 100. C. G. Nanz, Owensboro, Ky.

MISCELLANEOUS PLANTS.

Russellias multiflora and elegantissima, Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German ivy. 2 1/2-inch, \$2.50 per dozen.

Browallia gigantea. One of the most valuable plants of recent introduction. Always in bloom. Color same as California violet. Good for cut flowers. Good bedding plant. Also a fine pot plant for Christmas or Easter. Acalypha Sanderl. Only 100 left, at \$1.50 per dozen, from 3-inch pots. The Cottage Gardens, Queens, N. Y.

Alyssum, Tom Thumb, 2 1/2-in. pots, \$2.50 per 100. Bay Trees, Standards and Pyramids, \$10 to \$15 each, according to size. Musa Ensette, or Abyssinian Banana, strong plants in 5-in. or 6-in. pots, \$3.00 per doz. Caladium Esculentum, strong started plants, 4-in. pots, \$8.00 per 100. Phlox, large flowering sorts, \$3.00 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Double petunias, 2 1/2 and 3-inch, \$4.00 per 100. Lemon verbenas, Impatiens Sultan, 2 1/2-inch, \$3.00 per 100. Salvia, 2 1/2-inch, \$4.00. Rooted cuttings: Ageratum, B. & W., Cuphea, helio trope, \$1.25 per 100. Impatiens Sultan, \$2.00. Lantana, lemon verbenas, \$1.50. Greene & Underhill, Watertown, N. Y.

Echeveria secunda glauca, \$3.00 per 100; \$25.00 per 1,000. Cosmos Klondike, from 2-inch pots, \$2.00 per 100; \$15.00 per 1,000. Cosmos, red and white, \$2.00 per 100. Scarlet sage, strong, 3-inch pot plants, 1.00 per 100. C. Eisele, 11th & Jefferson Sts., Phila., Pa.

3,000 Cyclamen, 4 distinct varieties, Sept. sown and in excellent condition, 2 1/2-inch pots, \$5.00 per 100. 300 Salvia splendens, 2-inch, \$2.00 per 100. N. Smith & Son, Adrian, Mich.

1,000 Lobellias, Dwarf Blue, 2 1/2-in., \$2.00 per 100. Chas. L. Stanley, Plainfield, N. J.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLEVELAND.

There has been an improvement in business this week, the street car strike, which crippled business, having been settled. Last week was an exceptionally good week in decorations. June weddings and receptions were numerous. Good stock is scarce, roses sell from 2 cents up; carnations 50 cents up; candidum lilies bring 6 to 8 cents a stem.

During the strike L. F. Darnell, Mr. Gasser's manager, was taken for one of the railway officials and only for the timely arrival of the police would have been mobbed.

J. M. Gasser is rebuilding eight of his carnation houses at Rockport, O. Dave Livingston on Crawford Road is tearing down his houses and will rebuild on a piece of ground he recently purchased, running from Crawford Road to Harkness Ave. He will also erect a handsome residence on Crawford Road.

The Cleveland florists will close their stores at 6 p. m. from July 3 to September 4th.

Mr. Vennen from Conneaut, O., was in town this week.

Miss Minnie Binder, who has been on the sick list for the past two months, is improving.

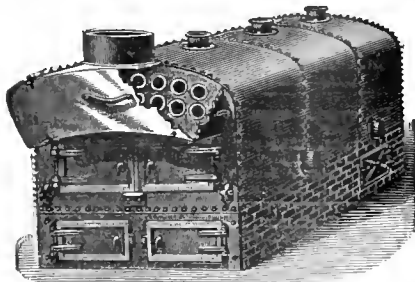
Robt. Kegg, the west side florist, is a Colonel in the military organization, Knights of St. John. This society is holding a convention here this week and Kegg was presented, in the parade, with a huge Meteor bouquet by his florist friends on the East Side. Bob is the happiest man in town—he says the craft is O. K. O. A. C. O.

S. A. F. TRADE EXHIBIT.

Any one having anything to sell to florists should secure space for the trade exhibit at Detroit in connection with the S. A. F. convention on August 15 next. Address

GEO. A. RACKHAM, Supt.,
880 Van Dyke Ave., Detroit, Mich.

KROESCHELL BROS CO.
IMPROVED
Greenhouse Boiler
29 to 59 Erie St., CHICAGO.



Boilers made of the best material, shell, firebox sheets and heads of steel, water space all around (front, sides and back). Write for information.
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5000 BEGONIA REX.

POT PLANTS.

Abutilon Var, trailing, 3-inch.....	\$3.00 per 100
Begonia Rex, assorted, 2 1/4-inch.....	4.00 "
" " named.....	6.00 "
Vinca Var, 2 1/4-inch.....	2.50 "
Nausturtium, 2-inch.....	2.00 "
Petunia Double, 2 1/2 and 3-inch.....	4.00 "
Lemon Verbena, 2 1/4-inch.....	3.00 "
Salvia, 2 1/4-inch.....	4.00 "
Impatiens Sultana, 2 1/4-inch.....	3.00 "
Begonia Tuberosa, 2 1/4-inch.....	5.00 "

GERANIUMS —Assorted.....	2 1/2-in. \$4.00 per 100
" " ".....	3 1/2-in. 6.00 "
Mme. Salleron.....	2-in. 2.00 "
Sweet Scented.....	2 1/4-in. 4.00 "
Mme. Pollock.....	" 4.00 "
Pansy.....	" 4.00 "
Mrs. Parker.....	" 6.00 "
English Ivy, 2 to 3 feet.....	5.00 "
German Ivy, 2 1/4-inch.....	3.00 "
Verbena.....	" 2.00 "
Manettia bicolor, 3-in.....	6.00 "

ROOTED CUTTINGS.

	Per 100
Abutilon var, trailing.....	\$2.00
Ageratum, blue and white.....	1.25
Begonia Rex.....	2.00
" " Incarnata Gigantea.....	2.00
" " Flowering.....	2.00
Cuphea (Cigar).....	1.25
Impatiens Sultana.....	2.00
Heliotrope.....	1.25

	Per 100
Lantana.....	\$1.50
Manettia bicolor.....	2.00
Lemon Verbena.....	1.50
Geraniums, assorted.....	1.50
" " Mixed.....	1.25
Mars.....	3.00
Happy Thought.....	3.00

	Per 100
Geraniums, Mme. Pollock.....	\$2.00
Mrs. Parker.....	4.00
Silver Leaf.....	1.50
Rose Scented.....	1.50
Mme. Salleron.....	1.25
Freak of Nature.....	4.00
Ivy.....	1.50

Terms Cash
or C. O. D.

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Burpee's Seeds Grow

CRABB & HUNTER,
Violet Specialists.

Pot plants now ready of Marie Louise, Farquhar and Lady Campbell; free from disease. All stock; write for prices. Surplus Roses, Brides and Maids, first class stock, from 3-inch pots, at \$4.00 per 100. Bedding Geraniums, 4-inch pots, at \$6.00 per 100; from 3-in. pots, \$1.00 per 100. All first class stock.

GRAND RAPIDS, MICH.

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and Dealers in

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IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE

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Kill AND SAVE THE BLOODS Bugs!
QUICKLY DOES IT.

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Sphagnum Moss

First quality, \$1.00 per bale; 10 bales, \$8.00.

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233 MERCER ST., NEW YORK.

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JADOO FIBRE

AND

JADOO LIQUID

the results will be
astonishing and profitable.

Our new Catalogue you will find
interesting and instructive.

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JADOO CO.,

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Philadelphia, Pa.

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CHRYSANTHEMUMS....

Special prices on the following new varieties
introductions of 1899. Plants in fine shape.
Order quick; it is getting late.

	Per doz.	Per 100
Willow Brook, ex. early, large white	\$1.50	\$10.00
Harry A. Parr, lemon yellow, early fine commercial variety.....	1.50	10.00
Lady Harriett, large early deep pink	1.50	10.00
Robt. Halliday, fine large yellow, early, midseason.....	1.50	10.00
John K. Shaw, fine commercial pink, globe shaped, early, midseason, scored 92 points.....	1.50	10.00
Adele, grand delicate pink, early, scored 91 points.....	1.50	10.00
Mrs. T. L. Park, grandest of all vel- lows, ball shaped, midseason ..	3.00	20.00
25 plants at 100 rate. Other new and standard sorts. Send for list.		

H. WEBER & SONS, - OAKLAND, MD.
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For 1899-Best New Varieties.
Best Old Varieties.

Send for our New Illustrated Trade List before ordering
elsewhere.

Peacock's Dahlias always received highest awards
over all competitors. Forty-six first prizes out of
forty-nine entries during past four years—an un-
equalled record.

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Beautifully illustrated and accurately described in
our Trade List. Send for copy.

Surplus Stock of Mixed Dahlias—
At right price. Also Dahlias under color.
Correspondence Solicited.

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From flats or transplanted.
Write for prices.

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to cheap imported seed. Special florists' packet of thirteen (13) varieties, single and double, mixed
400 seeds, \$1.00; half packet, 50 cents.

CINERARIA SEED of finest large flowering dwarf varieties in best mixture, 1000 seeds, 50c
PRIMULA Obconica Grandiflora Rosea, the finest of the improved Obconicas, 1000 seeds, 50c
GIANT PANSY. The finest grown, up-to-date large flowering varieties, 3,500 seeds, \$1.00.

A packet PRIMULA FLORIBUNDA and new FORGET-ME-NOT JEWELL added to every order.
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Unequaled as yet for size and brilliancy of
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New colors added every season.

NEW CROP SEED READY NOW.
Trade Packages of either strain at
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Full directions with every package how to
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Extra strong plants, from 2-inch pots.

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VERNON, red or White	2.00
ALBA PICTA	2.00
THURSTONII	2.00
RUBRA	2.00

Mixed sorts, many varieties.

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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

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BUYERS' GUIDE.

For the convenience of our readers in looking up offers of supplies they may wish, we print the following classified list of same offered by our advertisers. To ascertain the page upon which the advertisement appears, consult the adjoining regular index to advertisers. For plants see classified advs.

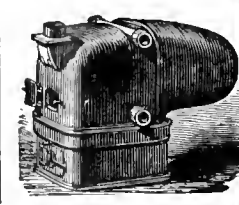
Table listing various categories of florist supplies such as Aquarium Supplies, Keenan's Seed Store, Boilers, Gibbons, H. W., Hitchings & Co., Kroeschell Bros. Co., Lord & Burnham Co., Carnation Supports, Model Plant Stake Co., Cut Flower Boxes, Ellis & Pollworth, Sefton, J. W. Mfg. Co., Cut Flowers - Buffalo, Kasting, W. F., Cut Flowers - Chicago, Amling, E. C., Bassett & Washburn, Benthey & Co., Budlong, J. A., Hunt, E. H., Kennicott Bros. Co., Lynch, W. E., McKellar & Winterson, Randall, A. L., Reinberg Bros., Wieter Bros., Cut Flowers - Cincinnati, Cincinnati Cut Flower Co., Cut Flowers - Kansas City, Maplewood Cut Flower Co., Cut Flowers - Milwaukee, Ellis & Pollworth, Cut Flower - New York, Cut Flower Exchange, Cut Flowers - Philadelphia, Baker, W. J., Pennock, S. S., Reid, Edw., Cut Flowers - Pittsburg, Kasting, W. F. & Co., Pittsburg Cut Flower Co., Cut Flowers - St. Louis, Berning, H. G., Ellison & Tesson, Kuehn, C. A., Florists' Supplies, Ellis & Pollworth, Kasting, W. F., Kuehn, C. A., McKellar & Winterson, Pittsburg Cut Flower Co., Reed & Keller, Rice, M. & Co., Glazier Points, Dreer, H. A., Greenhouse Building, Gibbons, H. W., Hitchings & Co., Lord & Burnham Co., Greenhouse Material, Dietsch, A. & Co., Lockland Lumber Co., Mooninger, John C. Co., Nail Insurance, Esler, J. G. Secy., Hot-bed Sash, Lord & Burnham Co., Insecticides, Louisville Tobacco Co., Skabura Dip Co., Tobacco Warehousing Co., Jadoo, American Jadoo Co., Order Sheets, Long, D. B., Paint, Chicago House Wrecking Co., Piping, Chicago House Wrecking Co., Hitchings & Co., Lord & Burnham Co., Pots, Detroit Flower Pot Mfg., Powder Blowers, McMorran, Edw. E. & Co., Putty, Lord & Burnham Co., Pierce, F. O. Co., Sphagnum Moss, Jewett, Z. K. & Co., Vases (Iron), McDonald Bros., Ventilating Apparatus, Hitchings & Co., Lord & Burnham Co., Quaker City Mch. Wks., Wire Designs, Ellis & Pollworth, Hunt, E. H., Kasting, W. F. & Co., Kennicott Bros. Co., Kuehn, C. A., McKellar & Winterson, Reed & Keller.

PLEASE SEND US a correct list of the names and addresses of the florists who receive their mail at your postoffice and thereby oblige. IF YOU DO a wholesale business, you should not fail to have an adv. in the Florists' Manual, by Wm. Scott. Write for circular giving rates, etc.

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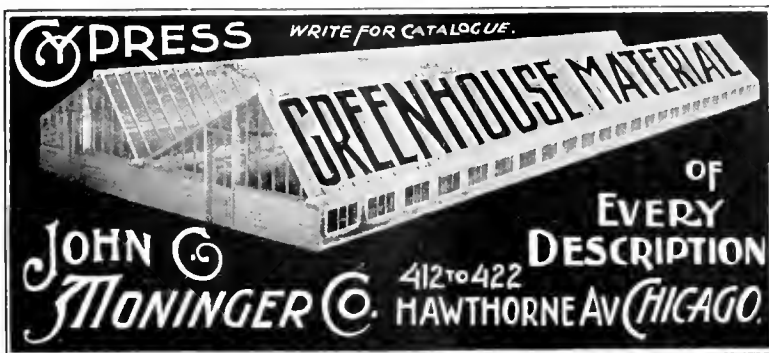
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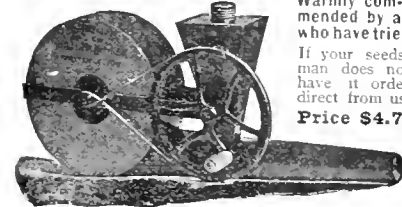
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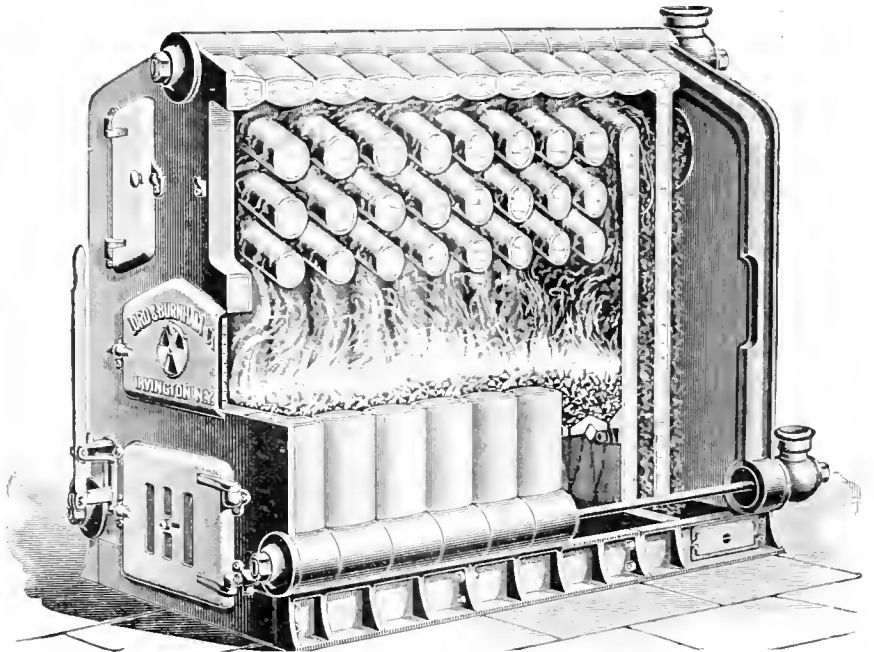
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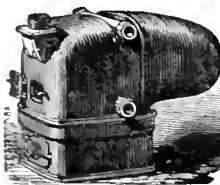
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THE NEW YORK BOTANICAL GARDENS.

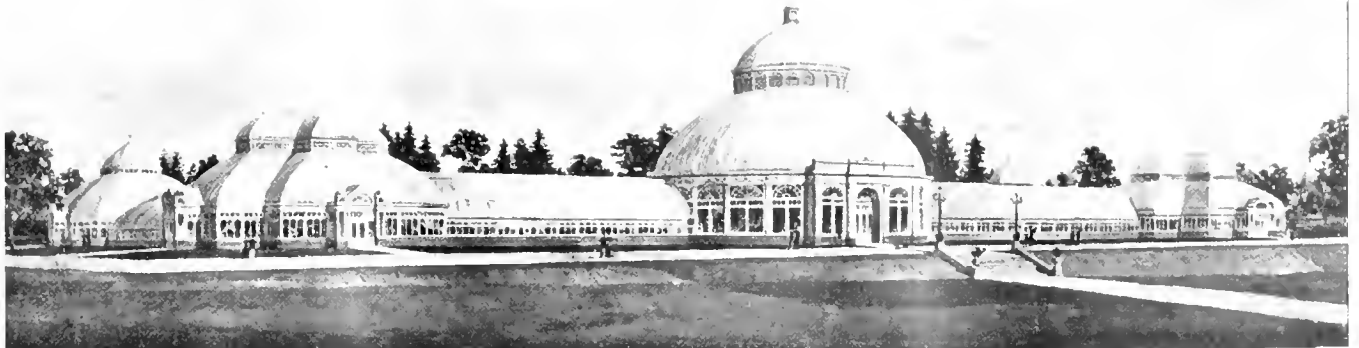
Situated in picturesque Bronx Park at the north end of the Great City, there is gradually being brought into shape and grandeur a magnificent group of buildings and charming grounds that will soon be a credit to the whole of the United States. Here in a 250 acreage of beautiful grounds, are located the New York Botanical Gardens. The main entrance is at the Bedford Park Station of the Harlem

Railroad; at a convenient distance from this depot one reaches the main buildings of the gardens.

The museum is already built and will be ready for occupancy this summer. It is a noble structure, over 300 feet long, Italian renaissance, and contains among its numerous divisional halls a lecture theater with a seating capacity of 800, a fine exhibition room and a library. This building will be of the greatest interest to scientists. The present herbarium contains over 600,000 specimens, be-

sides some 50,000 unmounted specimens intended for exchange. Some novel and highly interesting innovations are being introduced. Not only will the distinctly foreign floras be grouped, but the economic plant section will show examples of the vast manufactures and industries appertaining thereto. The flora within 100 miles of New York City will be grouped, as a quick method of reference for amateurs and students.

In front of the museum and across the Southern Boulevard the largest



Conservatories of the New York Botanical Gardens, Bronx Park, New York.



Hemlock Grove and Cascade, New York Botanical Gardens, Bronx Park, New York.

greenhouses in the country are in course of construction, and will be finished in the autumn. These cover a frontage of 500 feet, the side wings 210 feet, and number 13 houses, covering 45,000 square feet. The central structure is circular, 100 feet in diameter, and about 90 feet in height. The whole is of iron, glass and stone, and

is being built on the most approved plans with every modern appliance. The power house is ingeniously hidden near the railroad tracks, over 600 feet away. The greenhouses will be very capacious and will be divided into sections, each being devoted to special features of plant life. All of these buildings are on high ground and are

very imposing, beautiful in conception and practical in every detail.

Just a little beyond is a charming vale covering 10 acres; it is skirted with natural rock and woodland scenery. In this vale the principal herbaceous gardens are planted. The plant beds are of different sizes and each family is by itself. In the center an irregular sized winding dyke is planted with aquatics and along its banks are the marsh loving plants. The general arrangement of this herbaceous section is most effective. There is no formality outlined by walks, the grass is kept cut and visitors are allowed to roam where they please. The wild flora is grouped and planted in positions peculiar to each; there is something new and of interest to the student to be found here every day. Over 4,000 species and varieties of plants are here already, and every day adds its quota from some part of the world. The grounds occupied by the Botanical Gardens are not only most picturesque, but are admirably adapted for all manner and form of plant life. There are woodlands and glens, marshes and rivers, and the section of the forest known as the Hemlock Grove is beyond doubt one of the prettiest spots in America! Here all is quiet, except for the musical splash of the waters as they flash and foam over rocks, or the gossipy chatter of birds up in the trees. Walking here one can readily imagine himself a thousand miles away from the city's great ceaseless hum of commercial activity. This grove of hemlocks contains the largest specimens we have in New York; they are grand, and it is a pleasure to know they will form a part of what is destined to be the principal Botanical Gardens of this continent.

'Tis true one seldom hears of what is being accomplished here; everything is unostentatiously done, and the men who are doing it represent, one may say, the past and the future.

Dr. N. L. Britton is the Director-in-Chief, and is one of the greatest botanists known. When we consider this man with all his knowledge and responsibilities, his genial manner, and ever readiness to discuss plants with the most humble; a man who does not shut himself in a glass case, but can be found communing with his pets out in the grounds, and will walk miles to show you some little gem, we feel ashamed to even contrast him with some of the frozen tin gods we have been unfortunate enough to have met. Often we hear things said about the ignorance, botanically, of the average gardener or florist. There is little or no inducement offered them to study botany; the austere self-superiority of those in charge of governmental schools is sufficient to wither any inclination to study. This is not the case with Dr. Britton; every gardener or florist is more than welcome, and he is made to feel at home and looked upon with the rest as a student of nature.



Herbaceous Gardens, New York Botanical Gardens, Bronx Park, New York.

To Dr. Britton is due the credit of the establishment of this great university of plant learning. He has quietly induced most of the rich residents of New York to become interested, until now the society consists of 750 annual members who pay \$10.00 yearly, 70 life members who have paid \$100.00, 11 fellows who have given \$1,000, and 20 patrons who have donated from \$5,000 to \$25,000. The society collected nearly \$300,000, and the city gave \$500,000.

Samuel Henshaw is head gardener. He is one of the oldest gardeners in the country, full of the most interesting knowledge and anecdotes. He has been closely identified with horticultural New York since the days when florists here could be counted on one's fingers. He has been president of the Florists' Club, and is living in hopes of having the Botanical Gardens the center of attraction for the boys here. It is intended to have exhibitions in the museum building, in which the craft will be invited to take an interest. Mr. Henshaw has but recently returned from a botanizing visit to Porto Rico, bringing back with him several thousand rare seeds. Mr. and Mrs. A. A. Heller are making a thorough investigation of the flora and vegetable resources of Porto Rico for this garden, and very interesting results are looked for.

Should the S. A. F. convention be

held in New York next year, it is Dr. Britton's intention to invite the society to visit the gardens, and a most interesting place it will be by that time.

J. I. DONLAN.

ESTABLISHING BUSINESS AS A GROWER.

BY W. H. ELLIOTT

[Read before the Gardeners' and Florists' Club of Boston.]

When a grower has worked at the business long enough to get a thorough knowledge of the line he is engaged in and has saved, or is fortunate enough to have sufficient money to start a business, it will then be time for him to consider the advisability of starting for himself. The amount of money that would be necessary to properly start a grower in business would depend on whether he would buy, build or lease a place. As buying or leasing would be a means of procuring an established business and would in that way do away with many of the difficulties encountered by a person starting business, I will confine my remarks almost wholly to those who wish to build instead of buy or lease. A large enough place would be required to support a man and his family, if he has one, also to make a reasonable profit above that, so as to give him a chance to make headway in his business. This would

require at least 5,000 feet of ground space covered. This amount of glass would not allow of much help being hired. It would, of course, be much better if a grower could have a place somewhat larger.

The amount of money required to build a place of this kind would depend a great deal on what arrangement could be made about procuring land. Before saying more about that, I wish to state about what a man should grow. A person would best grow what he has the most knowledge of, and is able to grow the best. A mistake which is often made is to grow what somebody else is growing, because it is supposed that they are making a very large profit with very little trouble or expense, whereas they are really doing no better than in the line which the grower has a thorough knowledge of and is thereby led to think that the drawbacks in that line are greater than in any other. It makes little difference what a person grows in these times if he only grows it well. The best flowers of all kinds find a ready market, the poorer flowers of any kind are hard to sell. It is a mistake to try to grow everything. Make a specialty of some one thing, and your chances of success will be much greater.

Land Required.

The question of land is the most important to consider in the first

place. Never rent land to build greenhouses upon. If you do, you only increase the value of the land and have to pay a higher price when you are able to buy. This is more especially true of a person in the retail business building up a valuable trade in some location where he has to pay the full value of the trade he has built up in the price of the land that he will be charged by the owner when he does buy. Where to buy land is one question. The first and most important answer to that is where the soil is good, as good soil is absolutely necessary to the greatest success. Transportation to and from the market is a matter also to be considered. Another matter of great importance is to get a location within reach of the city or town water. It is also well to consider the future prospects of the land you buy, as to its coming into the market and being of greater value later on.

When you have found this location buy as much land as you possibly can, giving as large an amount in a mortgage as you are able to do. In other words, reserve all the money that you can to build your greenhouses, as the income is wholly from the houses and not from the land for a great many years. The greatest amount of permanent value that has been made by growers in the past has been in the increase of the value of the land. It is better to go a greater distance from the city and buy a small farm in a good location, or a good fair sized piece of land, from three to ten acres, rather than locate too close to the city on a small, high-priced piece of land. The amount of money that would be necessary to pay down on a purchase of this kind would not need to be very great, as a large mortgage would be accepted where buildings were to be put up. In some cases growers are even able to obtain their land without paying down any money at all. I would not expect to pay down over \$500 on a place large enough to properly start business.

Building Greenhouses.

The most reasonable price at which cypress greenhouses, with 16 by 24 glass, could be built would be about \$500 for each 1,000 square feet of ground covered. I would advise the building of long houses, as there is a good deal of saving in building in that way. If I were building 5,000 square feet for rose or carnation growing, I would put the whole amount in one house. In width, build all that can be thoroughly ventilated with one row of ventilators, which would be twenty-five feet for roses or carnations. A person with limited amount of money should build on wooden posts, and aim to cover as much ground as possible. Nothing but iron supports should be used for the roof, however. Build without rafters, using purlins only and support them about every seven feet with the iron supports. The support under the ridge is best to have two arms to support the purlins next the ridge. Be

careful, however, to have all purlins set straight with the post supporting them, as purlins set on an angle and supported with a perpendicular post have in some cases turned over and let down the roof in the case of a heavy snow storm, causing a great deal of damage thereby.

Ventilators four feet square, with three feet space between each, and opening from the top, I have found the most satisfactory. The lower ends of all bars should rest on top of the plate, or gutter, with blocks to fill in between. This makes not only a much stronger roof, but one that will last much longer, as the vital parts are much better protected from decay. All joints in purlins, ridge and gutter, should be halved and bolted together. Nails for this purpose have proved to be a failure. No joint, and in fact no two pieces of wood, should be put together in any part of a greenhouse roof without being thoroughly painted. It is the only chance you will ever have to paint those parts and do it thoroughly when you have the chance. Paint the work one coat before it is put up and two coats afterwards. Use galvanized wire nails in building the roof, and galvanized bolts in the gutter. Common carriage bolts two inches in length are best for the purlins and ridge. Coach screws four inches in length is what I have used for gutters. All of these are three-eighths of an inch in diameter.

Ventilator hinges are a great deal of trouble to greenhouse men generally. I have been able to find in the market in Boston a cast brass hinge, costing about 14 cents a pair, which I have used for the past twelve years and not one has given out. At that price it is a great deal cheaper to use brass. Galvanized is fairly satisfactory, but not so good as the brass. Common iron hinges should never be used.

The many firms of greenhouse builders through the country build some very fine iron-frame houses. These, however, are too expensive for a grower with limited means. The house that I have described is the most reasonable house for the ordinary grower to build. An automatic ventilator would be a very desirable thing for a man with a small place, as it would take care of the ventilation while he went to the market or anywhere else away from the place. I have used these automatic machines for five years with very great satisfaction. I am aware, however, that many have had trouble with them.

Heating.

I would recommend the use of steam for that purpose, as the piping could be more readily and cheaply done and boiler power obtained at a very reasonable price. As a general thing, however, for a small-sized place hot water is more satisfactory and is more generally used. It is, however, more expensive, both to put in and run as soon as you get a place of large size. A second-hand tubular boiler of good

large capacity, larger than would be needed for the original houses, would be best to put in. A good large boiler house, with plenty of coal space, and a good tall brick chimney is something I would recommend every grower to have, if not at first, then as soon as he can afford to build it.

Set the boiler and run the main pipes as low as possible. Take your steam as direct from the boiler to the radiating pipe as it can be done. A main pipe run through the top of the house with the circulating pipes returning I consider one of the worst things that can be done in greenhouse heating. The importance of very large main pipes should not be overlooked. Have your radiating pipes under thorough control, so you can always run a single pipe under any bench you wish to in mild weather. The arrangement of pipes in houses with benches, which I would recommend, is to have one pipe under each bench, with the remaining pipes on the side walls, ten 1¼-inch pipes being about what is required for a house twenty-five feet wide.

If hot water is used, set your boiler as low down as possible and get as much rise in the flow and return direct up from the boiler to your circulating pipes as you can, as that will increase the circulation and give you all that can be got out of the height which you have from your boiler to your radiating pipe.

Painting and Glazing.

In painting, use pure white lead and linseed oil. Good putty is a very important matter. It is best where it can be done to go right to the manufacturer and have your putty made, with fifteen or twenty pounds of white lead in every 100 pounds of putty. Common putty, such as is sold in the market used for glazing, will wash out like sand in the course of three or four years. Zinc shoe nails are the best for glazing, should be three-quarters of an inch long and of good fair size. Lay the glass the crowning side down and nail only at the ends of the lights, as nails in the middle cause a great deal of breakage. Butted glass I have never had faith enough in to try. I have, however, seen some very good houses built in that way. The roofs of greenhouses should be painted every two years. When they are in good condition it is cheaper to keep them so. See that there is no settling of the supports under the roof, as this causes breakage of the glass and a straining of the joints. A quarter-inch lap in laying the glass I have found most satisfactory.

Fertilizers.

Some system of applying liquid fertilizer should be constructed, operated by steam, hot air or gravity; whether a windmill could be applied for this purpose I don't know, but I should think it might be. A system of this kind is more especially required for rose growing. Most small places growing other lines of stock get along

very well without it. Chemical fertilizers and how to use them is a question which is attracting a great deal of attention at the present time. I should like to hear from some one who has made some thorough experiments in that line on the growing of roses and carnations. As I use only cow manure I can really say nothing on that subject.

Stocking Houses.

In procuring stock for your houses I would refer you to the advertising columns of our trade papers, and would recommend correspondence with these advertisers.

With good soil, careful management,

employment of reliable help, success as a grower ought to be reasonably well assured. The employment and management of help is a subject on which I should like to say a great deal. I will take time only to say, treat your help fairly, give them every consideration they are entitled to, and you will obtain the best results. The bulldozer in the handling of help has never been conspicuous by his success. It is, perhaps, the highest ability that a man can attain to make the proper and best use of another man's brains. It is hard enough for us to use our own to good advantage, much more to use some one else's.

To be Continued.

The Paris shops and styles are more like ours than any of the others; in fact much that we did in the early part of our art era we got from Paris, and if we are looking for pointers from Europe that's the only place from which we are likely to get them, and that because they have material we have not, or they use what we ignore.

Seasonable Flowers.

Anyhow, after you have thoroughly investigated everything florally in Europe you will all the more appreciate what's at home. It is true we have little business in the summer months, but then good flowers are very scarce, and it's often puzzling what to use to make the little work we get presentable. Growers and country retailers and small city florists have lots of flowers they can use up. The first class stores have the hardest road to travel during July and August. Orchids, of course, can be got, but even they have a way of becoming scarce when wanted. A bunch of good valley is now about one of the best flowers you can offer; it is choice enough for anything and if you can add cattleyas, all the better. Kaiserins are going to be the best white rose obtainable for July, and Testouts one of the best in pink; try a cluster of Testouts with white sweet peas in bunch, wreath or any design—they're fine. There are other varieties of roses on the market, both outdoor and indoor grown, and if you use plenty of their own foliage (if it's not mildewed), they will give a better appearance.

Whilst we are speaking of rose foliage, if you grow your own stock don't sell all or throw away your young roses; grow them on in 3½ or 4-inch pots for their foliage alone. We don't use enough foliage with our roses in winter. If we could get small rose plants in pots how much better we could make up baskets and table work, even to cut off a pot and put 'mongst roses in a box adds greatly to their value and beauty. Every artist knows the worth of a bud and spray when making up, so grow or cause to be grown a batch of pot roses for foliage; if you do fine work they will repay you.

We will soon be getting lots of dahlias. The cactus varieties are the best for the retailers, and they will be used for the best kind of work. Some of the colors are very grand, ranging from old rose to dazzling scarlet. When using them for table decoration one color is best, and place them irregularly with very little of their own foliage, because it's too stiff. Some old-fashioned low and dull-colored vase will suit them best. In the matter of general decoration Cactus dahlias will supply you colors to match anything; put the lightest colors in the darkest place, and the rich bright ones where the strong light can reach them.

Hollyhocks, particularly the double



Flowers in Europe.

We have commented on the retail prices of flowers in this country. Now let us go to the European markets and see what they've got and what they charge. What fine roses they can grow outdoors over there, and how deliciously sweet they are! There's no flower like a garden rose. Well, of course their climate makes it possible to produce such flowers, and when you hear your customers talk about the summer roses in Europe you can believe some of what they say. Still they could be grown here just as good if the proper locations were selected. Sooner or later we will have roseries established to furnish the market with summer blooms. There's money in it for they're badly needed.

Near all the cities of continental Europe there are large nurseries established where they grow the rose bushes we purchase, or see in the auction rooms here. These nurseries to a large extent supply their markets with cut blooms. They usually pack them tied in bunches, one hundred or two hundred in a hamper. What they call long stalks are from 8 to 12 inches. They do not cut them longer because they sell the plants when dormant and try to leave all the wood on they can. They sell them mixed or in separate colors. Crimson or mixed colors at about \$2.50 per 100; pink, yellow or white, \$3.00 per

100. Moss roses are very plentiful; they and the dark crimsons are most popular for street wear. You see a greater variety of roses over there, varieties which we would often pay any price to get here. Acres upon acres of such flowers as sweet williams, phlox, delphiniums, dahlias and most of the showy annuals and grasses are grown for cut flowers. These are tied in mixed round and flat bunches and sold in the markets for from 5 to 20 cents. There are very few shops wholly devoted to the sale of flowers. Fine fruit occupies half the shops, unless with a few in Paris, London and Berlin. The poor people as a rule buy their flowers in the markets, which are both extensive and very picturesque. The people who patronize the shops have to pay higher prices. But the business over there cannot in any manner be compared with ours here. Their season is when the most of the outdoor flowers are in bloom, our season is the reverse.

In London the private conservatories supply the materials for the principal decorations. There is a good deal of formality. One of their popular styles is to have small glass vases dotted over the table, one rose in each vase. Most of you have met the fellow who used to decorate for the "Duke o' Someplace." He knows more than everything; he reminds us of the newly smuggled Chinaman who knows the constitution—he's all right till you test him.

white and pink ones, are invaluable flowers to the florist who grows his own. We have often got \$25 for bouquets of hollyhocks; that was long ago, but the utility of the flower remains. The whites come in very handy for funeral work, and the pink ones are useful for the table if taken from the stem and fixed with fern; tamarix makes a good stem for them. Such arrangements are desirable only where better flowers are scarce, or where frequent change is wanted. As we have stated scarcity of material will more affect those who have to depend on the wholesale market. The grower has no excuse for not having an abundance of flowers for local trade. If you are near a nurseryman or bulb grower it will be good to either make a contract for say \$5.00 worth of showy flowers every week for the window, or else go out to his place and keep posted. Just now there is an abundance of *Yucca filamentosa* blooms, and if you don't need them for window or funeral work they are grand for decorations. If you can give them a background of purple beech or *Prunus Pissardii* the colors will show out better.

This is the time when a good tub of hydrangea shows to advantage. It does one good to visit our sea side friends and see these flowers, and we are glad to notice they are more numerous than ever. Those of us who have stores at seaside resorts have their time coming, and so far this year promises to be fairly good.

In your decorations try hanging baskets; they're handy and show up well; they can either be of permanent or temporary material. The temporary ones can be made up with almost anything. Get a round ball of moss, green it solid, fill the top with brilliant flowers one color in each, stick some vines (if only clematis or honeysuckle) in the bottom, and you will have a cheap yet most effective design to hang up anywhere. In the permanent ones Boston fern makes one of the best. We are suffering from a fad of crazy distortions in the way of davalias from Japan. Isn't it funny how we chase after things from foreign countries? We condemn our rich customers for buying art curiosities abroad, and yet we go mad over trash ourselves, and would rather put our money into the custom house than in the greenhouse.

Europe may well boast of its superior plant market and 'tis humiliating to contemplate that that superiority is fed by our weakness. Where do they sell their thousands and thousands of plants we hear them boast about? You'll find the answer in our custom house and you'll see a sample of the goods in your own place, and this too on the 4th of July when you try to blow up earth and heaven and everything that isn't American. Ah well, thank God the red, white and blue flowers we used on the "Fourth" grew here, even that's a consolation, and it's another that The Weekly Flor-

ists' Review is thoroughly American and devoted to American Floriculture.

Now is the time when you should look forward to some things. Get your grower to put in a small bench of *Bon Silenes*, *Papa Gontiers*, *Ma Capucines*, *Countess of Folkestone*, or any of the pretty roses which are not common. Mind you it will be a strong card for you next season if you can control any one rose. It gives you an elevating prestige to be able to say to your best customers: "These roses are choice and cannot be got elsewhere; I grow them specially for my trade." There is nothing more tantalizing to your rival than to have him see something in your window he cannot get, and you know some of the tricks he adopts to get them from you. Any grower will be glad to grow some specialty for you, if you give him a fair guarantee. Select something that will please your best trade. We will have the usual monotony in variety next winter; you yourself must change it. There'll come a time when the *Marechal Niel* will be "all the go" again. Try to induce some one to put a few in. Also some *Prince Camille de Rohan*, to get in about Christmas.

And tell your plant man to put the Boston ferns in pans, not pots. They not only grow better in pans but they look better, and are more easily and effectively arranged for decorative purposes; 'tis not necessary to use washtub pans.

A correspondent informs us that some retailer in New York is pushing a fraud. He is offering a "New" corn-flower at \$5.00 a dozen. From inquiry we learn that most of the people employing private gardeners in the vicinity of New York have been approached on this "New corn-flower," which is nothing less than the *Sweet Sultan* (*Centaurea sauveolens*), introduced from Persia over 200 years ago. We cannot too strongly condemn frauds—but it comes back to those who do it. IVERA.

AMERICAN PARK AND OUT-DOOR ART ASS'N.

The Detroit Convention.

There was a good number in attendance at the annual meeting in Detroit, June 26 and 27, and it was the most successful convention yet held by this young organization. The program was carried out about as printed in our issue of June 22, with a few changes necessitated by weather conditions. The various papers were freely discussed and much interest developed. The Detroit Free Press pays this tribute to the earnestness of members:

"There has been as yet, among all the national conventions held in Detroit this season, no gathering in which has been manifested plainly and beyond question a spirit single and enthusiastic in the interests of the general welfare, equal to that which is

shown by the American Park and Outdoor Art Association."

Among those present were: John C. Olmsted, Mrs. John C. Olmsted and F. L. Olmsted, Jr., Brookline, Mass.; C. M. Loring, Mrs. C. M. Loring, Harry W. Jones and J. A. Ridgway, Minneapolis; Warren H. Manning, George R. King, H. P. Kelsey and J. Woodward Manning, Boston, Mass.; M. L. Moore, J. D. Robinson and William Beatty, Toledo; R. H. Warder and William Salway, Cincinnati; Lewis Johnson, Mrs. Lewis Johnson, S. W. Clark and Mrs. S. W. Clark, New Orleans; W. W. Parce and C. C. Lang, Rochester, N. Y.; C. D. Zimmerman and William Scott, Buffalo; W. A. Sinclair and E. L. Shuey, Dayton O.; Cyrus Peek, Newark, N. J.; R. Brinkerhoff and Martin B. Bushnell, Mansfield, O.; O. C. Simonds, M. Woodworth, M. D., J. J. Bryan, R. J. Haight, Edwin A. Kanst, William A. Peterson, M. Schrader and J. D. Brownell, Chicago; Charles W. Garfield and Mrs. Charles W. Garfield, Grand Rapids; John L. Bennett, Philadelphia; Thomas B. Meehan, Germantown, Pa.; Nelson Bogue, Batavia, N. Y.; Lyman R. Love, Kalamazoo; Frederick W. Kelsey and Mrs. A. B. Stanard, New York city; Edward J. Parker, Quincy, Ill.; W. J. Beal, Michigan State Agricultural College; Henry C. Fruck, Grosse Pointe Farms, Mich.; L. C. Holden, Cleveland, O.; John P. Friske, Frank Eurich, Will W. Tracy, Mrs. H. A. Cleland, J. C. Eaton Hanford, John B. Benson, Edward C. Van Leyen, R. J. Coryell, P. H. A. Balsley and M. P. Hurlbut, Detroit.

The following officers and committees were elected for the ensuing year:

President, Charles M. Loring, Minneapolis, Minn.; secretary, Warren H. Manning, Boston, Mass.; treasurer, O. C. Simonds, Chicago, Ill.; vice president, Thomas H. Macbride, Iowa City, Iowa; Lewis Woolverton, Grimsby, Ont. (Other vice presidents as last year).

Finance committee—Charles W. Garfield, Grand Rapids, Mich.; William Scott, Buffalo, N. Y.; J. D. Robinson, Toledo, O.

Committee on park census and auditing: Dr. William W. Folwell, Mr. J. C. Olmsted, Mr. Lewis Johnson.

Committee to consider indebtedness: Dr. Folwell, Mr. Garfield, Mr. Warder, Harry Jones, F. W. Kelsey.

Committee on checking abuses of advertising: Dr. M. Woodworth, F. W. Kelsey, Mr. Charles W. Garfield, J. C. E. Hanford, F. L. Olmsted, Jr.

Committee on offering prizes for home grounds: Prof. W. J. Beal, E. L. Shuey, William W. Folwell.

Committee on park accounts: F. C. Bango, Cleveland; J. A. Ridgeway, Minneapolis; M. P. Hurlbut, Detroit.

A committee is to be appointed to co-operate with the Pan-American Exposition at Buffalo, 1901.

The committee on home grounds was appointed after the adoption of a resolution "that a committee of three

persons be appointed by the president, to take into consideration the matter of offering prizes, in our different cities, for the improvement of grounds about manufactories and homes (both front and back lots) and especially about the homes of artisans; to formulate rules governing the distribution of prizes, and to offer suggestions for planting."

The object of the committee on abuses of advertising is explained by the resolution "that a standing committee of five persons be created to consider the best way of checking abuses of public advertising; to recommend to the members of this association such national, state and local legislation as may correct this abuse; and to prepare and distribute, from time to time, printed matter to influence the public opinion in this direction." The intent is to do away as far as possible with display advertising on fences, buildings, etc.

Though there was a change in the program due to the weather the entertainment features were well carried out and all present enjoyed themselves thoroughly.

A valuable paper that had not been announced in the printed program was by C. D. Zimmerman, of Buffalo, on "Walks and Drives."

NEW YORK.

Early Closing.

We hate to tell you that Tom, Dick and Harry has a cold or that the cat goes out at night, same as some of our friends do, because life's too chimerical and the weather is really hot besides. But then we've something of interest to talk about once in a while amongst the crowd here, and the most important at present is the "Four O'Clock," or early closing act, which went into force on July 1st. All the wholesale florists in New York city signed an agreement to close their stores at 4 p. m. every day during July and August. Well, how shall we tell it? but really the matter has taken on the humor of a Tenderloin comedy. We must confess we entertained large doubts about the good intentions, not the feasibility of the plan, mind you, because we know that unity can do anything, but we took up a commanding view of the streets to see if the agreement would hold, and what we saw would make even a Chinaman roar. The suspicious looks and shame-facedness were amusing. It was four o'clock Saturday afternoon, and no sign of closing; 4:30, the curtains half way down in 3 stores; 5 o'clock, 4 stores closed; 5:30, 8 stores close, but a boy at the door of 4 of them; 6 o'clock, parcels are sneaked out of two places; 6:30, we tried the phones and were told our orders would be left at "Jake's;" at 7 o'clock every store was closed with the exception of two in 30th street.

Now, some will say that the summer early closing act is foolish. We admit

there are several sides to the question, but what's the use of making an agreement if it cannot be lived up to? Many of the boys tell us they would rather get off twice a week at noon than every day at 4. It is the first time in the history of our business here that the commission men ever were united on one thing, and we hope they will have the manliness to stick to their word. The early closing should not be confined to wholesalers, because if there be any white slaves in our business the retail store is the place you will find them. Close the retail stores at 6 p. m., and the boys have their turns off in the afternoons. There are no men in any branch of our business who have as long hours as the retailers.

Various Notes.

Almost every steamer leaving New York carries a florist on a visiting tour to the old home. Lucatos, the Columbus Ave. florist, expects to sail for London on Saturday, and will send The Review some interesting notes on what's of note in the flower line there.

MacIntosh has greatly enlarged his store at 29th St. and Broadway, and Gordon, one of the old timers, is now located in a very pretty little store corner of Wall St. and Broadway.

Bowling is tiresome when the weather is so hot; that's why the alleys are poorly manned. Monday there were only three members of the Club present and their scores were as follows: O'Mara, 168, 154, 167, 151; Burns, 157, 161, 166, 173; Lang, 134, 104. There were others, including the representatives of the press, but their scores don't count; we go just for the honor—and the humor of it.

Messrs. W. J. Stewart, J. N. May and P. O'Mara have been appointed a committee on transportation to Detroit. Terms, etc., will be given out later.

The cut flower market is tranquil; stock is poor and scarce, so is husbandry.

BOSTON.

The Market.

Graduation week, as usual, created quite a demand for flowers, more especially for roses, and the result has been quite a scarcity of salable bloom. Carnations are running rather poor in quality, reducing their popularity, as compared with roses, for graduation flowers. The demand has been mostly for white roses, and good quality of bloom are bringing good prices. Brides will sell from \$3 to \$8 per 100; Maids and Meteors about the same; Kaiserins are not plenty, and readily sell at from 75 cents to \$2 per dozen. There is no change in the quotations on Beauties. There is a perceptible falling off in the supply of carnations, but with hardly any advance in prices; from 35 cents to \$1 per 100 is an average. A few fancies bring \$2 while some elegant bloom, of

variety C. W. Hovey, from A. Röper of Tewkesbury, bring as high as \$4 per 100.

Out of door flowers are selling very well. Roses have sold quickly, and bring good figures. Jacks and Brunners, being the varieties most in evidence and are quoted at from \$1 to \$16 per 100. Sweet peas are not plenty, owing to the long drouth, and quality is very poor; 35 to 50 cents per 100, is the asking price; feverfew, achillea and other stuff plenty, put up in 25 cent bunches. A few lilies are showing yet, held at \$1.50 per doz.

The Saturday Exhibition.

The Horticultural Society inaugurated their weekly exhibitions, on Saturday, with an excellent show of seasonable bloom. The estate of the late Joseph S. Fay, M. H. Walsh gardener, again took the honors with an elegant display of roses, receiving first prize for a collection. He also exhibited two seedlings from Wichuriana; one a light pink, double variety, result of a cross with Baroness Rothschilds, attracting considerable attention from the craft. Dr. C. G. Weld and Mrs. John L. Gardner, exhibited Iris Kaempferi, receiving first and second prize respectively. Sumner Coolidge was awarded second on a vase of Liliun candidum, Mrs. John L. Gardner also received a first prize for a fine collection of Delphiniums. For a display of hardy herbaceous flowers, Rea Bros. were given a first prize and W. N. Craig second. Mrs. E. M. Gill obtained first for a vase of seasonable bloom, and Miss Hattie M. Winter second. The society also awarded a silver medal to Geo. McWilliam for seven plants, in pots, of Dipladenia boliviensis, dwarfed for decoration purposes. Gratuities were awarded to The Misses Doran, and to Alice L. Grinnell for collections of native flowers; also to E. J. Mitton for a fine specimen of Cattleya gigas.

The News.

The event of the week has been the trade sale of roses and ferns from the establishment of W. H. Elliott, and sold at the warerooms of, and by N. F. McCarthy & Co. The trade from this and neighboring states was well represented, and the stock was all sold at prices equal to the regular wholesale figures for the quality of the stock.

The firm of John Gornley & Son, who have occupied the same store on Tremont street for over twenty years, have decided to retire from business on July 1.

Wm. Thompson, for some time with above firm, has taken a like position with Julius Zinn.

F. R. Mathison of Waltham has given up his business to his foreman and salesman, who are amply able to keep up the reputation of the place as headquarters for strictly high grade roses. The new firm will be known as Anderson & Williams.

There is a rumor that the Twomblys are to give up their retail store.

W. Love, familiarly known as Billie Love, has again taken the old place, at Dorchester, and gone into growing roses.

Chas. J. Anderson, of Sharon, Mass., lost his dwelling and greenhouse, consisting of 4,000 feet of glass, by fire during the past week. It is said that he had no insurance.

Messrs. Knickman, representing Bobbink & Atkins, Rutherford, N. J.; McGee, of McGee & Geary, Salem, Mass.; Doctor Campbell, of the Raybrook Garden Co., Manchester, N. H., and Geo. Buxton, Nashua, N. H., were attendants at the trade sale.

The season of vacation has fairly commenced, James Delay, the Beacon street florist, is spending a few days at Sunapee, N. H., and intends to take a trip abroad, sailing on July 23.

Julius Zinn left this week for the other side, expecting to spend two or three months of well earned rest.

P.

ST. LOUIS.

The Market.

The past few days the weather has been cool and delightful. There is but little business and not much is expected for the next two months, unless it be funeral work.

Some of the local retailers and growers do not consider the past season a profitable one, while others report an increase, but not a large one. Some of the growers are very busy finishing up the replanting of rose houses. A few houses of young stock have advanced enough to cut a few fairly good blooms.

The bulk of the stock now at the commission houses consists of sweet-peas, feverfew, cornflowers, and larkspur. Roses are slackening up and first class stock is out of question. As one large retailer remarked, "the rose we have to sell nowadays could not be given away during the busy season." Carnations are quite plentiful but small; Scott is the only one that seems to hold in color and size. All white sorts are selling well for funeral work. Smilax is plentiful and very good, but selling slow. Large quantities of sweet peas are coming in and are an absolute glut. It would be rather difficult to quote prices on the above stock as the market is slow and stock bad.

Notes.

Julius Koenig's Sons are making very extensive improvements at their place and are also building a large palm house at the front entrance. One would hardly know the place.

Fred Meinhardt is extending one of his houses; also making other improvements that will make the place very attractive.

C. W. Wors has given up his place at 2740 Olive street for the summer. Charlie says he will be heard of again when the season opens.

Park Commissioner Ridgely has pro-

moted William T. Lamar, one of the park overseers, to the position of keeper of Forest Park. Other appointments will be made this week Friday.

E. H. Michel is putting the finishing touches on his new store at Maryland and Euclid avenues, which will be used as a retail establishment.

The Florists' Club will hold its annual picnic July 29 at Priestler's Park, near Bellevue. Tickets will be 50 cents for the round trip including entrance to the park. All the arrangements are in the hands of the trustees of the club, J. W. Kunz, Julius Koenig, Jr., and F. W. Ude, Jr., and any information may be had from them.

Alex Siegel has closed his store at 1006 Olive street, for the summer.

Jordan Floral Co., at 822 Olive street, will close up their store August 1. Fixtures and stock for sale.

Henry Berning, left last night for a trip among the growers through Illinois and Indiana. Frank Ellis is now in charge.

Bowling.

The Bowling Club rolled only three games; the night was very hot and the rolling poor. Some of the old timers showed up, who, from now on, will roll regularly. The scores were as follows:

	1	2	3	Tot.	Av.
C. A. Kushn.....	159	140	142	441	147
J. J. Beneke.....	170	158	118	426	142
J. W. Kunz.....	136	148	114	398	133
F. J. Fillmore.....	101	147	148	396	132
C. C. Sanders.....	142	143	105	390	130
Emil Schray.....	125	113	121	359	123
Dr. Helwig.....	124	123	110	357	122
John Young.....	114	95	148	357	119
R. F. Tesson.....	107	101	...	208	104

J. J. B.

BUFFALO.

Various Notes.

The dullest day of the year—the 4th—approaches. The day that our patriotism effervesces, and particularly that of our small sons, in noisy cracks of gunpowder, but the dullest day of all the year for the florist. And right it should be so. All other holidays of the year find us busy. Even Sunday, a day of rest with some but of recreation with the majority, is with many of us a busy business day, and largely it can't be helped. Who would deprive the widow of her right to visit the cemeteries and strew flowers on the newly-made grave, or the man and his wife and little ones who have no other day to visit the beautiful spots dedicated to those who have gone before, these not at all melancholy places with their well kept lawns, beautiful trees, birds and flowers in profusion.

A hot, dry, solemn stillness now pervades our daily life, broken at times by the clatter of the reaper, the "strike two" of the umpire, "they're off" of the race course, the splash of the soda fountain, and a few other seasonable sounds.

There is great need of a good heavy rain, or two days of it. It's getting serious, and lawns and flower gardens

removed from the reach of the hose are in a bad way.

Park and Out-Door Art Ass'n.

The writer could not resist the temptation of a ride to Detroit to join in the convention of the Park and Out-door Art Association. It was the least expensive, most quiet and withal perhaps the most pleasant two days the writer has ever spent at a convention. It is a great privilege to associate with many of the fine old gentlemen who form the backbone of the society. The commercial element is scarcely represented outside of the landscape gardeners, but there were a few, notably Mr. Meehan, Mr. Peterson of Chicago, and the fine old man whom we had never had the pleasure of meeting before, though living so near for many years, Nelson Bogue, of Batavia. I had seen no less than four other Mr. Bagues several times, but the only and original Nelson was yet to come, and he is the father of the numerous family. He disclaims any knowledge of the half-Nelson known in wrestling phraseology, but thinks it originated with his great grandfather in the Highlands of Scotland.

Mr. Zimmerman and W. S. were the sole representatives of the florist trade, but as they both combine the nursery trade with floriculture they were quite in it. For that matter a florist who plants and lays out flower beds is at home in the association, for that is "out-door art." At present there is little talked of by the association but the strictly natural landscape art. There is, however, a large field for the organization, and they have the means, through the park superintendents, of distributing most valuable information to the trade; information about the best trees, shrubs, herbaceous plants, vines and hedge plants. All this will come and many other features of park work, as the writer had the privilege of expressing in a few after dinner remarks.

The park commissioners of Detroit, headed by President Harry Baisley, did nobly in showing us the parks and cities and catering to our every want. Thursday afternoon on Belle Isle, the unrivalled, will never be forgotten. No park on this continent has such natural blessings and in none are the wants and the tastes and necessities of the public more fully catered to. The leading officials of the city helped to entertain us with their wit and wisdom, and judges of the supreme court were affable and told us stories. One of Judge McGrath's, told at the water works, greatly amused me. Here it is: Two Israelites were arrested and sent to the house of correction. After their compulsory bath lkey noticed that the water that Moses had used was dirtier than the residue from his own scrubbing. "Moses, you vas dirtier than me," said he. "Yes, lkey, but you forget I vas tree years older than you was."

[Continued page 126.]



Best Wheat Sheaves in the world,
 New Crop of Cape Flowers,
 Artificial Flowers and Leaves,
 Wax Flowers, Doves, Foil,
 Baskets, Pot Covers, Plant Stands,
 Plateaux, Chenille, Metal Designs, etc.

GOING TO MOVE.

SPECIAL LOW PRICES on ENTIRE STOCK, previous to removal to NEW, LARGE, CENTRALLY LOCATED FIVE STORY BUILDING, No. 918 Filbert Street (on or about July 15th.)

EXTRA INDUCEMENTS to close out large or small lots. Let us know your wants and we will be pleased to quote special prices previous to removal.

M. RICE & CO.

EXCLUSIVE IMPORTERS AND
 ...MANUFACTURERS OF **Florists' Supplies.**

25 North Fourth St.,
 PHILADELPHIA, PA.

Choice Rose Plants

FOR SALE BY.....

Bassett & Washburn.

1,000 Beauties, just been potted up in 3-inch pots, price \$6.00 per 100.

1,500 Brides,	2-inch pots,	\$3.00 per 100.
1,500 Brides,	3 "	5.00 "
7,000 Bridesmaids,	2 "	3.00 "
1,500 Meteors,	2 "	3.00 "
1,000 Meteors,	3 "	5.00 "

The above stock is all strictly first class.

No orders for less than 100 plants accepted at these prices.

Plants will be shipped from our Greenhouses at Hinsdale, Illinois.

Bassett & Washburn,

76 Wabash Avenue, - - CHICAGO.

Mention The Review when you write.

CHRYSANTHEMUMS....

Special prices on the following new varieties introductions of 1899. Plants in fine shape. Order quick; it is getting late.

	Per doz.	Per 100
Willow Brook, ex. early, large white	\$1.50	\$10.00
Harry A. Parr, lemon yellow, early fine commercial variety.....	1.50	10.00
Lady Harriett, large early deep pink	1.50	10.00
Robt. Halliday, fine large yellow, early, midseason.....	1.50	10.00
John K. Shaw, fine commercial pink, globe shaped, early, midseason, scored 92 points.....	1.50	10.00
Adele, grand delicate pink, early, scored 94 points.....	1.50	10.00
Mrs. T. L. Park, grandest of all yellows, ball shaped, midseason ..	3.00	20.00

25 plants at 100 rate. Other new and standard sorts. Send for list.

H. WEBER & SONS, - OAKLAND, MD.
 Mention The Review when you write.

PEACOCK'S New Dahlias

For 1899-Best New Varieties.
 For 1899-Best Old Varieties.

Send for our New Illustrated Trade List before ordering elsewhere.

Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequal record.

Best New and Standard Carnations—
 Beautifully illustrated and accurately described in our Trade List. Send for copy.

Surplus Stock of Mixed Dahlias—
 At right price. Also Dahlias under color. Correspondence Solicited.

W. P. PEACOCK, - Atco, N. J.
 Mention The Review when you write.

PLEASE let us have your advance order now for a copy of the Florists' Manual, to be delivered by August 1.

It is noble and good to behold men of the stamp of Dr. Wentworth, of Chicago, Mr. Loring of Minneapolis, Mr. Holden of Cleveland, and a score of other venerable gentlemen devoting their time, ability and money for the good not only of their own cities but for the advancement and usefulness of the people's parks throughout the land. Our parks are our greatest civilizers and educators.

Correction.

In my notes of last week the type made me say "Florists' Fooling Charity Organization." There is no "fooling" about it. It should have read "Pooling," not "fooling." W. S.

PHILADELPHIA.

The Market.

Trade has been exceptionally dull during the past week, there being little or nothing doing. Commencements and weddings seem to have become a thing of the past; the seashore seems to be the only thing that takes now.

Meteors, Brides, Bridesmaids and Kaiserins, bring from \$2 to \$4 per 100; the finest bring \$5. Beauties are very poor; they bring from 75 cents to \$1 per dozen; extras bring \$2 per dozen. Carnations bring from 50 to 75 cents per 100; some of the fancier varieties bring \$1.50. Valley goes at \$3 and \$4 per 100; sweet peas are very poor, selling at 20 and 50 cents per 100; smilax, 12½ and 15 cents per string; asparagus brings 35 to 50 cents; adiantum cuneatum \$1 per 100; water lilies \$4 to \$5 per 100.

Samuel Pennock reports some few asters coming in but are very small.

Mr. Chas. Fox, Sr., has taken charge of his Broadway street store again. R.

REMOVAL.

Messrs. M. Rice & Co., the importers and manufacturers of florists' supplies, Philadelphia, will remove on or about July 15th to their new centrally located, five story building at 918 Filbert St., where they will have double their present facilities and be in a position to handle their large and increasing business to much better advantage.

IRON PIPE.

The advance in the price of glass has been decidedly left in the shade by the advance in the price of iron pipe. The pipe combination seems hard to satisfy. Since January 1 the price of steam pipe has been advanced no less than 140 per cent, and there are no weak spots to be found anywhere in the combine.

TOLEDO, O.—The park board has asked for an appropriation of \$15,000 with which to complete the new greenhouses in Walbridge Park.



51 Wabash Avenue,

W. S. HEFFRON, Mgr.

CHICAGO.

PRICE LIST--Taking Effect July 6.

ROSES.

Beauties, long, per doz.....	\$2.50—\$3.00
" medium, "	1.50—2.00
" short, " .....	.75—1.25
Per 100	
Meteors, Maids, Brides, Kaiserins.....	\$3.00—\$4.00
Perles.....	3.00—4.00
Roses, seconds.....	2.00—3.00

CARNATIONS

ARE OUR SPECIALTY.	
Ordinary Varieties.....	Per 100 \$1.00—\$1.50

Miscellaneous.

Marguerites	Per 100, \$.50
Forget-me-not	" 1.00
Sweet Peas, white	" .25
" " pink	" .20
Valley	" 4.00

Decorative.

ASPARAGUS.	
Per string.....	\$.50
FERNS.	
Per 100, 15c	per 1000, 1.00
Maiden Hair	per 100, 1.00
GALAX.	
Bronze and Green, per 100, 20 cents; per 1000,	\$1.50
SMILAX.	
Common.....	per doz., \$1.50—2.00
ALL OTHER FLOWERS IN SEASON.	

Above quotations are subject to change without notice. P. and D. at cost. Extra select and inferior qualities charged for according to value.

Regardless of prices quoted all stock will be billed at lowest market rates.

Store open from 7:00 A. M., until 5:00 P. M. Sundays and Holidays closed at noon.

During July and August we close at 5:00 P. M.

Mention the Review when you write.

BEGONIAS.

Extra strong plants, from 2-inch pots.	
ARGENTIA GUTTATA.....	per 100, \$2.00
VERNON, red or White	" 2.00
ALBA PICTA	" 2.00
THURSTONII	" 2.00
RUBRA	" 2.00

Mixed sorts, many varieties.

CASH PLEASE.

EDWARD B. JACKSON
STAMFORD, CONN.

Mention The Review when you write.

**ZIRNGIEBEL
GIANT PANSIES.**

Market and fancy strains. Unequaled as yet for size and brilliancy of colors, and the most popular strains to date. New colors added every season.

NEW CROP SEED READY NOW. Trade Packages of either strain at One Dollar each.

Full directions with every package how to sow and cultivate.

DENYS ZIRNGIEBEL,
NEEDHAM, Mass.

Mention the Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

JUST ARRIVED
IN FINE CONDITION.

Cycas Revoluta Stems,
from 6 to 15 inches long.
Price \$9.00 per 100 pounds
Special Prices on large lots.

J.M.THORBURN & CO.
(Late of 15 John Street)
36 CORTLANDT STREET, NEW YORK

Mention the Review when you write.

WE MAIL weekly to those who have their names on our lists

A Price-List of all kinds of **PLANTS, BULBS, ROOTS, etc.,** offered by the best growers from all parts of the country.

Also, our quotations on **GLASS, PIPE, VALVES and FITTINGS, BOILERS and all Greenhouse Construction Material.**

It will pay you to place your name on our lists at once.

THE INTERNATIONAL GROWERS' EXCHANGE, PITTSBURG, PA.

Mention the Review when you write.

SMILAX!

Pot Plants,
Ready Now by the
100 or 1000, at
\$1.50 per 100.

ALBERT M. HERR
LANCASTER, PA.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS

Per 100
600 Asparagus Plumosus Nanus, 5-in. pots, \$20.00
600 " " " " " " " " " " " " " " 25.00
Asparagus Seed, home grown, \$1 per 100, \$9 per 1000

W. F. KASTING,
481 Washington St., Buffalo, N. Y.
Mention The Review when you write.

Clear Cypress Greenhouse Material.

This *with us* means the best growth of Cypress Lumber and the best grade of that growth; and from this grade all the sap—bright sap, which only experts can detect—as well as stained sap, knots and other defects cut out. Others do not equal our quality if they do beat our prices. It is not hard to see the reason: You can not buy gold dollars at fifty cents each. Experienced growers know that the best is not too good and cheapest in the long run.

Write for Circulars or Estimates.

Lockland Lumber Co.,
LOCKLAND, O.

Mention The Review when you write.

BABY PRIMROSE.



The newest thing for Easter Blooming.

Flowers in thumb pots; grows rapidly, 6-in. pot, carry 50 to 100 sprays of rosy flowers, 12 to 18 in. long; lasts 4 weeks when cut and wholesale at \$2 per 100; grows finely in cool house; perpetual bloomer. 12 for \$1.50, \$10 per 100, express prepaid.

New Fragrant \$1000 CALLA.

Very dwarf and free bloomer, has the fragrance of violets and lilies. \$1 and \$2 per 12, \$6 and \$12 per 100, mailed.

Asparagus Sprengerii. 2-in., 24 for \$1.50, mailed; \$4 per 100, express. 3 1/2-in., 24 for \$2.50, mailed \$7 per 100, express.

A. BLANC & CO., Philadelphia.

Mention The Review when you write.

Nephrolepis Washingtoniensis

A magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house.

3 good plants from 2-in. pots, mailed for \$1.00
100 " " " " " " " " " " " " " " 40.00
100 " " " " " " " " " " " " " " 40.00

JOHN H. LEY, GOOD HOPE, D. C.

Mention The Review when you write.

3,000 SMILAX...

From flats, by mail, \$0.50 per 100; \$4.00 per 1000
From 2-inch pots, 1.50 13.00

HYDRANGEA, 4-inch, in bloom, \$1.25 per dozen; \$3.00 per 100.

CANNAS, mixed, 3-inch pots, \$3.00 per 100.

Send for Sample. Cash with order.

FRED BOERNER, Cape May City, N. J.
Mention The Review when you write.

Asparagus Sprengerii,

Seedlings, from soil, with fine tubers, ready for 3-inch pots. By mail, and we pay postage, \$3.00 per 100.

Send for circular.

American Rose Co., Washington, D. C.

Mention The Review when you write.

NEW PANSY SEED.

	Per oz.	Per lb.
Mitting's Giant Flowering...	\$1.00	\$50.00
" " Sky Blue.....	2.00	25.00
" " Purple.....	2.00	25.00
" " Yellow.....	2.00	25.00
" " White.....	2.00	25.00

50,000 Primulas and Chcerarlas ready Aug. 1st.

The Morris Floral Co., - Morris, Ill.

Mention The Review when you write.

Pansies WORTH RAISING....

Excellent Seed, 3-16-oz. \$1.00; 1-oz. \$4.00.
Cash with order.

G. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.

Mention The Review when you write.

PANSIES The Jennings Strain.

New crop, finest mixed, \$1 per pkt., \$9 per oz. Cash with order.
E. B. JENNINGS, Grower of the Finest Pansies, Lock Box 254, Southport, Conn.

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Always MENTION the name of the paper when sending inquiries or orders.

Florists' Review

E. H. HUNT
THE "OLD RELIABLE" FOR
**Wholesale
Cut Flowers**
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention the Review when you write.

MILWAUKEE.

Business has been almost entirely suspended during the Carnival week. A great many florists from all parts of the state took advantage of the low rate given by the different roads and came in to see the sights and the much talked of flower parade. It is needless to say that all went home amply repaid for their visit.

The day following the floral parade was one which will long be remembered by those fortunate enough to witness it, as it was Carnival day, and it was in every sense "the real thing." All citizens were requested to turn out masked and take part in the parade. There were groups of all nations and floats of every description, and with no particular programme. After dispersing the maskers took the town by storm and there was considerable "rough house" until way into the night.

The following registered at Ellis & Pollworth's: J. A. Evans, Richmond, Ind.; J. Austin Shaw, New York, Chicago, or wherever he hangs his hat; Adam Zender, Rogers Park, Ill.; John Rindfleisch, Beloit, Wis.; Mrs. A. Senff, Menominee, Mich.; George Rent-schler and wife, Janesville, Wis.; H. J. Brennecke, Oshkosh, Wis.; Mrs. John Benstead, Racine, Wis.; Mrs. C. W. Pike, Racine, Wis.; Paul Kreismann, Chicago; Charles Helm, Sr. and Jr., Stevens Point, Wis.; Edward Kirchner, Winona, Minn.; C. B. Tremain, Oconomowoc, Wis.; Otto Sylvester and wife, Oconomowoc, Wis.; F. C. Smith, Ashland, Wis.; J. D. Thompson, Joliet, Ill.; A. Lange and wife, Chicago; Mrs. Louise Lotz, Watertown, Wis.; C. Lund and wife, Wausan, Wis.; E. Buettner, Park Ridge, Ill. GEO. W.

AURORA, ILL.—J. M. Smely and family are visiting friends in Cleveland, O.

HAGEMAN & MEYER have removed their business from Philadelphia to New York, and are now located at 55 Dey St., New York.

HILLSDALE, MICH.—Wellington Hughes has purchased additional land and will soon erect new greenhouses and a residence.

REINBERG BROS.
Wholesale Growers of
Cut Flowers
We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine
AMERICAN BEAUTIES.
51 Wabash Ave., CHICAGO
Mention The Review when you write.

600,000 FEET OF GLASS.

No charge for packing.

Wholesale Price List.

AMERICAN BEAUTY		
Extra long stem..per doz.		\$3.00
24-inch stem.....	"	2.50
20 " " " " " "	"	2.00
15 " " " " " "	"	1.50
12 " " " " " "	"	1.25
8 " " " " " "	"	1.00
METBOE.....per 100,		3.00 to \$5.00
BEIDESMAID	"	3.00 to 4.00
BEIDE	"	3.00 to 5.00
PEELE	"	3.00 to 4.00
CARNATIONS	"	1.00 to 1.50
fancy " " "	"	2.00

Quotations subject to change without notice. All other stock at lowest market prices.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of
and Dealers in **CUT FLOWERS**
Greenhouses at Hinsdale, Ill.
Mention the Review when you write.

W. E. LYNCH
Wholesale Florist,
19-21 E. Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL
Telephone 1496 Wholesale Florist
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St., CHICAGO.
Mention The Review when you write.

WHOLESALE DEALER IN
GROWER OF ROSES. CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

THE REVIEW'S Classified ads. enable you to find with the least possible effort whatever stock you may need.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention Florists' Review when you write.

H. G. BERNING,
(Successor to St. Louis Cut Flower Co.)
WHOLESALE FLORIST,
1322 Pine Street, ST. LOUIS, MO.
Mention The Review when you write.

ELLISON & TESSON,
WHOLESALE SHIPPING
FLORISTS
3134 Olive Street, ST. LOUIS, MO.
...Home Grown Stock...
Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.
Mention The Review when you write.

Cincinnati Cut Flower Co.
W. A. MANN. FRANK W. BALL.
416 Walnut St. Wholesale Florists
CINCINNATI, O.
Consignments Solicited.
Special Attention Given to Shipping Orders.
Mention The Review when you write.

IF WE HAVE NOT GOT IT YOU MAY BE
SURE IT IS NOT TO BE HAD.

KENNICOTT BROS. CO. CHICAGO.

42 and 44 Randolph Street.

Fine Strong Plants FOR STOCK

Geranium Mme. Jaulin, 3-in., \$8.00 per 100. The Peach Pink Bruant.

Mme. de la Roux, 3-in., \$8.00 per 100. The best single salmon bedding Bruant.

Abutilon Savitzii, 3-in., \$5.00 per 100. A grand bedding plant, grows dwarf and bushy—capital plant to use with Crotons.

Russelia Multiflora and Elegantissima, 2½-in., \$2.50 per doz. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy.

Browalia Gigantea, 2-in., \$1.00 per 100. One of the most valuable plants of recent introduction. Always in bloom. Color same as California violet. Good for cut flowers. Good bedding plant. Also a fine pot plant for Christmas or Easter.

Acalypha Sanderii, all sold.

READY NOW.

THE COTTAGE GARDENS, Queens, N.Y.

Mention The Review when you write.



Palms and Ferns

The Largest Stock of Plants in the West.

Send us your name and we will keep you posted when we have anything special to offer.

GEO. WITTBOLD, 1708 N. Halsted St. CHICAGO.

Mention the Review when you write.

ORCHIDS....

Just received in fine condition.

CATLEYA LABIATA, C. Mossii, C. speciosissima, C. Harrisonii violacea, C. Warnerii, C. granulosa, Laelia anceps, L. a. alba, L. autumnalis, L. praestans, L. Dayana and Burlingtonia fragrans.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

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McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES:

We have the LARGEST WHOLESALE House in Chicago.

Orchids, High-Grade Roses, Carnations and Violets.

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

WESTERN HEADQUARTERS FOR....

FLORISTS' SUPPLIES,

PALMS, FERNS,

WIRE WORK, CUT FLOWERS, ETC.

Use MASTICA for Building and Repairing your Greenhouses.

Write for samples and prices of our

Improved Folding Cut Flower Box.

ELLIS & POLLWORTH, - MILWAUKEE, WIS.

Mention The Review when you write.

Chrysanthemums.

From 2-inch pots, for June and July planting.

6,000 Novelties for 1899 at very moderate prices.

2,000 European Novelties at \$10.00 per 100.

2,000 New Varieties of 1898 at \$4.00 per 100.

25,000 Standard Varieties at \$2.50 per 100.

List of varieties on application.

NATHAN SMITH & SON, ADRIAN, MICH.

CARNATION Cuttings ALL SOLD.

Field-grown Stock for Fall Delivery.

F. DORNER & SONS CO., La Fayette, Ind.

Mention The Review when you write.

THE Florists' Manual, by William Scott, will be ready for delivery by August 1 at the latest. Send in your order for a copy if you have not already done so.

SPRINGFIELD, ILL.—Steps are being taken to hold a flower show here next November.

Rooted Cuttings of Carnations ALL SOLD.

We are booking orders for Field Grown Plants.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention the Review when you write.

CHICAGO.

The Market.

There is but little, if any, change from last week in market conditions. Good shipping stock is still short in supply and strong in demand, and the other kind moves slowly as a rule with an occasional clean up. Trade has held up remarkably well for the season of the year, though signs are not entirely wanting that the mid-summer dull season is at hand.

The paeonies have been cleaned up and there seems nothing equally showy to take their place as a window flower. Water lilies are seen in quantity and move fairly well.

The market was very well cleaned up July 4th and some of the wholesale houses were busy till after noon on shipping orders.

Various Items.

Mr. E. E. Pieser, of Kennicott Bros. Co., is enjoying a week's vacation at West Baden, Ind.

Mr. W. J. Smyth and wife started last Saturday on a two months' trip to the Pacific coast.

W. E. Lynch has taken the other direction and is spending a few weeks in Massachusetts.

H. G. Berning, St. Louis; M. R. Lyons, Babcock, Wis.; E. E. Boynton, Sycamore, Ill., and Hans Tohler, Traverse City, Mich., were recent visitors.

John Mangel started last Monday evening on an extended European trip.

The ball game between the wholesalers and the retailers was warm and a trifle damp. Only two innings had been played when a heavy fall of rain put a stop to the proceedings. The score then stood 11 to 1 in favor of the wholesalers, and the rain failing to let up the score has remained thusly ever since. The leading features of the game were the wiggle-run of Joe Curran to first base and the umpiring of Walter Kreitling. Walter was in his element. He made some startling decisions, among them ruling that five fouls was "out," and when one of the batters got a hall on his finger instead of the bat he was ruled "out." There was rather more hilarity than good ball playing, though the work of Joe Kennicott proved him a real ball player.

The bowlers are working up their muscle for the games at Milwaukee next Saturday evening. Special railroad rates have been secured by President Hauswirth for the trip.

Club Meeting.

Another regular meeting of the Florists' Club will be held at the club room this Friday evening, July 7th, to consider matters in connection with the trip to Detroit and the summer outings. All florists are invited to be present whether members or not.



REGULAR SHIPPING ORDERS RECEIVE SPECIAL ATTENTION.

Wietor Bros.
Wholesale Growers of
CUT FLOWERS, 51 Wabash Ave.
CHICAGO.

WHOLESALE PRICE LIST.

American Beauty, extra long stem, per doz.	\$3.00	Meteor	per 100	\$3.00 to \$5.00
" 24-inch stem	2.50	Bridesmaid	"	3.00 to 4.00
" 20 "	2.00	Bride	"	3.00 to 5.00
" 15 "	1.50	Perle	"	3.00 to 4.00
" 12 "	1.25	Carnations	"	1.00 to 1.50
" 8 "	1.00	" fancy	"	2.00

Mention The Review when you write.

FALL BULBS OF ALL KINDS

Write for quotations on your wants now. Should you not receive our list, notify us and same will be mailed.

FLORISTS' SUPPLIES, CUT FLOWERS, ETC.

McKELLAR & WINTERSON,
45-47-49 Wabash Avenue.CHICAGO, ILL.

Mention the Review when you write.

50,000 FIRST QUALITY FORCING ROSES. READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last seven years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

WOOTTON	LA FRANCE	AMERICAN BEAUTY	PRESIDENT CARNOT
METEOR, BRIDESMAID, GONTIER, BON SILENE, MERMET, PERLE, KAISERIN, BELLE SHERRECHT, MME. HOSTE, BRIDE,	3 inch pots, \$8.00 per 100; 4-inch pots \$12.00 per 100.		
GRAFTED ROSES, BRIDESMAID, KAISERIN, PRESIDENT CARNOT,	3 1/2-inch pots, \$15.00 per 100.		

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

TO CLOSE OUT.....

1300 2 1/2-inch Perles	500 2-inch
800 2 1/2 " Brides	300 2 "
450 2 1/2 " Maids	700 2 "
750 3 " Beauties	1500 2 1/2-inch Woottons

Still some Bostoniensis.

Speak Quick.

GEO. A. KUHL, Pekin, Ill.
Mention The Review when you write.

Smilax. Fine plants out of 2-inch pots. \$1.25 per 100 \$10.00 per 1,000.

J. B. HEISS,
The Exotic Nurseries. DAYTON, Ohio.
CASH WITH ORDER.
Mention The Review when you write.

Always Mention the...
Florists' Review
When Writing Advertisers.

FANCY ROSE STOCK

3 1/2-in., potted back to 3-in. Extra strong, select plants, July 15th and later delivery, \$6.00 per 100. Kaiserm, Brides, Meteors, Maids, 2 1/2-in., \$3.50 per 100.

SMILAX Extra strong, 2-in., \$1.00 per 100, \$8.00 per 1000. Cash with order.

SOUTH SIDE FLORAL CO., SPRINGFIELD, ILL.
Mention The Review when you write.

FOR SALE.

American Beauty plants, 3 1/2-in. pots	\$9.00	\$80.00
Meteor plants, 3 1/2-in. pots	5.00	45.00
Maids " " "	5.00	45.00
Brides " " "	5.00	45.00

Fine stock. Cash with order unless known.

BRANT & NOE, FOREST GLEN, ILLINOIS.
Mention The Review when you write.

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SAMUEL S. PENNOCK, Wholesale Florist

During the summer months, commencing July 3rd, will be open from 7:30 a. m. to 6 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.
Mention the Review when you write.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 705 Penn Avenue, PITTSBURG, PA.
FLORISTS' SUPPLIES. Write for Price List. Mention The Review when you write.

SOME OF OUR SPECIALTIES

THE MODEL ROSE STAKE. LOOPED AND POINTED.

THE MODEL PLANT STAKE. For Lilies and All Pot Plants.

Lancaster, Pa., June 17, 1899.
Mr. Theron Parker.
Dear Sir: Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other specialties are as good they should make another addition to the money-makers of 1900.
Very respectfully,
ALBERT M. HERR.

Manufactured by the
MODEL PLANT STAKE CO.
226 No. Ninth Street,
BROOKLYN, N. Y.

Mention the Review when you write.

ROSES, Carnations, VALLEY FERNS, GALAX, and IVY LEAVES, and all kinds of Seasonable Flowers in Stock.

We get daily new customers because we have the reputation that all orders are punctually filled.

Long Distance Telephone 2985.
F. SIOKES, Manager.

WM. F. KASTING & CO.,
Wholesale Florists. 444 Sixth Ave.
All kinds of FLORISTS' SUPPLIES and WIRE DESIGNS on hand.
Mention The Review when you write.

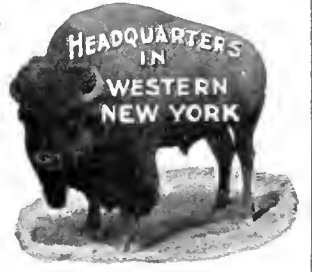


GIVE US A TRIAL. WE CAN PLEASE YOU.

Roses, Carnations and all kinds of Seasonable Flowers in stock.

WM. F. KASTING, Wholesale Commission Florist,
481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.

Mention The Review when you write.



WM. J. BAKER,
WHOLESALE CUT FLOWERS,
1432 S. Penn. Square, PHILADELPHIA, PA.
Original Headquarters for CARNATIONS.
Mention The Review when you write.

ANTON SCHULTHEIS, P. O. Box 78...
College Point, Queens Borough, N. Y.
HEADQUARTERS FOR
PALMS and Decorative Plants in Quantity
Come, see Ericas (Heather), also Full Line of Other Flowering Plants
and convince yourself Price List on Application.

Mention The Review when you write.

Galax Leaves...

For Summer Use in Cold Storage.
Write the Introducer.

HARLAN P. KELSEY,
1106 Tremont Bldg., - BOSTON, MASS.
Mention The Review when you write.

Pandanus Veitchii Clean Stock, Pedestal Grown.
6-in. pots, \$1.00 each; \$12.00 a dozen. Also larger sizes. Send list of sizes required and get rates. Also a few white leaved plants at half price, for decorative effects or cutting up.

JOHN WELSH YOUNG, - Germantown, Pa.
Upsal Station, Penn. R. R.
Mention The Review when you write.

Asparagus Plumosus Nanus

Strings 10 feet long. 50 cents. Shipped to any part of the country.

W. H. ELLIOTT,
BRIGHTON, MASS.
Mention The Review when you write.

Rose Hill Nurseries.
Palms, Orchids, Roses, Ferns AND FOLIAGE PLANTS.
Largest stock in America.
SIEBRECHT & SON,
New Rochelle, N. Y.
Mention The Review when you write.

1840 Old Colony Nurseries, 1899
HARDY SHRUBS, TREES, VINES, EVERGREENS and PERENNIALS.
A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap.
Trade list free on application.
T. R. WATSON, Plymouth, Mass.
Mention the Review when you write.

Cut Flower Exchange,
404 - 412 East 34th St., New York.
NEAR THE FERRY.
Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.
Wall space for Advertising purposes to Rent.
J. DONALDSON, SECRETARY.
Mention The Review when you write.

Subscribers

Are reminded that they will materially advance the interests of their paper by buying supplies of the advertisers in the . . .

Always MENTION the name of the paper when sending inquiries or orders. **Florists' Review**

SURPLUS STOCK.....

2000 Marie Louise Violet Plants. 1 offer healthy, clean and strong plants for \$5.00 per 1000; also 3000 well rooted cutting of Marie Louise, \$5.00 per 1000. The above stock is clean—not a spot on it. Send at once. Cash with order.

CHRISTIAN LAWRTZEN,
Box 262, Rhinebeck-on-Hudson, N. Y.
Mention the Review when you write.

Long's "Handy" Order Sheets

The practical leaders to correct order taking in hurried hours. **Single sample free.**
Pad of 100 sheets, mailed for 24 cents in stamps.
Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.
Mention the Review when you write.

WE WOULD LIKE very much to have a complete and accurate list of the names and addresses of the florists of America and to this end will ask each subscriber to kindly send us an accurate list of those in the trade in his or her city or town. By complying with this request you will confer a great favor on the publishers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon, variegated trailing, finest of all for baskets and vases, 3-inch, \$6.00 per 100. Rooted cuttings, \$2.00 per 100.

Greene & Underhill, Watertown, N. Y.

Abutilon Savitzii. A grand bedding plant. Grows dwarf and bushy. Capital plant to use with crotons, 3-inch, \$5.00 per 100.

The Cottage Gardens, Queens, N. Y.

ALTERNANTHERAS.

Alternantheras, three sorts—Paronychoides Major, Rosea Nana, and Aurea Nana, \$2.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Two varieties, 2½-inch, \$1.50 per 100.

R. I. Hart, Mgr., Hackettstown, N. J.

Red alternanthera, 2-inch, \$1.20 per 100.

Elmer I. Rawlings, Quakertown, Pa.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengeri, 2-inch, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$4.00 per 100.

Geo. Wittbold, 1708 N. Halsted St., Chicago.

Asparagus Plumosus, \$1.00 to \$1.50 per dozen. Sprengeri, 3½-inch pots, \$1.50 per dozen. Tennisinus, 2½-inch pots, 75 cts. per doz.; 2½-inch, \$1.25 per doz.

Wm. A. Bock, No. Cambridge, Mass.

A. plumosus nanus, 5-inch pots, \$20.00 per 100; 6-inch pots, \$25.00 per 100. Asparagus seed, home grown, \$1.00 per 100; \$9.00 per 1000.

W. F. Kastling, 451 Wash. St., Buffalo, N. Y.

Asparagus Sprengeri, seedlings, from soil, with fine tubers, ready for 3-inch pots. By mail, and we pay postage, \$3.00 per 100.

American Rose Co., Washington, D. C.

Asparagus Sprengeri, 2-in., 24 for \$1.50, mailed; \$4 per 100, express. 3½-in., 24 for \$2.50, mailed, \$7 per 100, express.

A. Blanc & Co., Philadelphia.

1100 Asparagus Plumosus from 2½-in. pots, \$5.00 per 100. Windsor Flower Seed Co., Box 335, Windsor, Ont.

BEGONIAS.

5000 Begonia Rex, Assorted, 2½-inch, \$4.00 per 100; Named, \$6.00 per 100. Tuberosus rooted, 2½-inch, \$5.00 per 100. Rooted cuttings: Rex, \$2.00 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D.

Greene & Underhill, Watertown, N. Y.

Very strong plants, from 2-inch pots, \$2.00 per 100; Argentea guttata, Vernon (red and white), Alba picta, Thurstonii, rubra, or mixed sorts, Cash please.

Edw. B. Jackson, Stamford, Conn.

Begonia Rex, fine assortment of vars., nice plants in 2½-in. pots, \$4.00 per 100.

F. R. Pierson Co., Tarrytown, N. Y.

Begonia Pres. Carnot, nice plants, 2 cts. Fairview Floral Co., Beatty, O.

BOUVARDIAS.

August is the time to plant. \$2.50 per 100. McCrea & Cole, Battle Creek, Mich.

BULBS.

Freelias, July delivery. White with yellow throat, ¾ to 1½-in., 40 cents per 100; \$3.00 per 1000; ½ to ¾-in., 60 cents per 100, \$4.50 per 1000. Pure white, ¾ to 1½-in., 60 cents per 100, \$4.00 per 1000; ½ to ¾-in., 75 cents per 100, \$6.00 per 1000. Callas and all forcing bulbs. Send for new price-list. Early orders save 10 per cent.

H. H. Berger & Co.,

47 Barclay St., New York.

Freesia Bulbs, refracta alba and hybrids. Try California grown bulbs, save the duty and get sound stock, true to variety. Headquarters for Calla ethiopsica. Order early if you wish to secure full delivery. Ask for prices. Germain Fruit Co., Los Angeles, Cal.

Tuberose Pearl, good blooming bulbs, 75 cts. per 100; \$5.00 per 1,000; extra size, \$1.00 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Fall bulbs of all kinds. Write for quotations on your wants now.

McKellar & Winterson, Chicago.

Send in your list of wants for quotations. F. W. O. Schmitz, Jersey City, N. J.

Bulbs and plants of all kinds. Hulsebosch Bros., Englewood, N. J.

CANNAS.

Cannas, from 4½-in. pots. Egandale, Mme. Crozy, Chas. Henderson, Austria, Paul Marquant, Alphonse Bouyer, at \$5.00 per 100. C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Cannas, mixed, 3-inch pots, \$3.00 per 100. Send for sample. Cash with order.

Fred. Boerner, Cape May City, N. J.

Mixed, 3-inch, \$3.00 per 100. Elmer I. Rawlings, Quakertown, Pa.

CARNATIONS.

Best new and standard carnations, beautifully illustrated and accurately described in our trade list. Send for copy.

W. P. Peacock, Atco, N. J.

If you are going to be short on carnations this fall and want good stock, I have over 25,000 to select from. Send for estimates.

W. E. Hall, Clyde, Ohio.

Rooted Cuttings all sold. We are booking orders for field grown plants.

Geo. Hancock & Son, Grand Haven, Mich.

Carnation Cuttings all sold. Field grown plants for fall delivery.

F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

Special price of \$1.50 per dozen and \$10.00 per 100 on the following new varieties, introductions of 1930; plants in fine shape: Willow Brook, extra early large white; Harry A. Parr, lemon yellow, early, fine commercial variety; Lady Harriet, large, early, deep pink; Robt. Halliday, fine, large, early mid-season yellow; John K. Shaw, fine commercial pink, globe shaped, early mid-season, scored 82 points; Adele, grand delicate pink, early, scored 94 points. Special price of \$3.00 a dozen or \$20.00 per 100 on Mrs. T. L. Park, grandest of all yellows, bell-shaped, mid-season. 25 plants at 100 rate. Other new and standard sorts. Send for list.

H. Weber & Sons, Oakland, Md.

Chrysanthemums, fine assortment, leading varieties, \$3.00 per 100. For full list of all the latest novelties, extra choice sorts, see our descriptive catalogue. Among other sorts can supply Pres. Graham, Mrs. C. H. Pierce, Mrs. O. P. Bassett, Mme. Ferlat, Mile. Lucie Faure, Modesto, Mrs. H. Weeks, Glory of the Pacific, Miss Agnes L. Dalskov, Major Bonaffon, Mrs. Jerome Jones, G. J. Warren, Polly Rose, Australian Gold, Mme. Georges Bruant, N. C. S. Jubilee, Robt. Owen, Jr., Julia Scaramanga, etc.

F. R. Pierson Co., Tarrytown, N. Y.

Leading Mums: Yellow—Bonaffon, Johnson, Jones, Golden Trophy, Emil Buetner, Sunderbruch, Rieinan, Maud Adams, Pink—Perrin, Ivory, Jones, Vivand-Morel, Murdock, Glory of the Pacific, Marquis de Montmort. White—Geo. S. Kalb, Ivory, Robinson, Jones, Iron Woodford, Gretchen Buctner, Schrimpton, Lettie Berry, Minnie Wana-maker, Fitzwygram, Bergman. 2½-in., \$2.50 per 100; \$20.00 per 1,000.

Poehlmann Bros., Morton Grove, Ill.

Surplus stock of Chrysanthemums, Daille-douze, Modesto, Mrs. Fred L. Button (early white), Mme. Andra, Harry Balsley, Mrs. Weeks, Frank Hardy, Glory of Pacific, Pink Ivory, Golden Wedding, Pennsylvania, Empress of India, Lady Fitzwygram, Major Bonaffon, Mrs. Henry Robinson, Jerome Jones, Yellow Jerome Jones, Mme. Bergmann, Merry Xmas and others. All the above in 2 and 3-inch pots and fine, 2½ cents each, or \$20.00 per 1,000. Cash with order.

Joy & Son, Nashville, Tenn.

Chrysanthemums from 2-inch pots for June and July planting, 6,000 novelties for 1899 at very moderate prices. 2,000 European novelties at \$10.00 per 100. 2,000 new varieties of 1898 at \$4.00 per 100. 25,000 standard varieties at \$2.50 per 100. Send us a list of your wants, stating quantity, date to be delivered, and we will advise you what we can do.

Nathan Smith & Son, Adrian, Mich.

Rooted cuttings now ready from sand and soil of the following varieties: Ivory, Pink Ivory, Jones, Bonaffon and Robinson, at \$1.50 per 100. Geo. R. Geiger, Nazareth, Pa.

A few hundred mums, Ivory, etc., 2½-inch pots, \$2.50 per 100.

Wm. E. Sands, Lake Roland, Baltimore, Md.

In good variety, from 2½-inch pots, \$2.00 per 100. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Md.

COLEUS.

6,000 coleus, Verschaffeltii and Golden Edder, 2 and 2½-inch, at \$1.50 per 100; \$12.00 per 1000. Cash with order.

Geo. L. Miller, Newark, O.

Mixed Coleus, \$1.25 per 100; \$12.00 per 1,000.

R. I. Hart, Mgr., Hackettstown, N. J.

Best varieties, 6 to 8-in. high, 1 ct. Fairview Floral Co., Beatty, O.

Assorted, fancy-leaved varieties, \$2.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Rooted cuttings, 60 cents per 100. Cash. Geo. H. Dodge, Billerica, Mass.

CYPERUS ALTERNIFOLIUS.

Umbrella plant, large, stocky plants, from 4-inch pots, 5 cents.

Fairview Floral Co., Beatty, O.

Fine stock, 2½-in. strong, \$1.50 per 100; \$13 per 1000. Furrow Bros., Guthrie, Okla.

DAHLIAS.

Peacock's new Dahlias for 1899. Best new varieties, best old varieties. Send for our new illustrated trade list before ordering elsewhere. Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequaled record. Surplus stock of mixed Dahlias at right price. Also Dahlias under color. Correspondence solicited.

W. F. Peacock, Atco, N. J.

Dahlias, we have one of the largest and finest collections; Cactus, Large-flowering, or Show, Small-flowering or Pompon, and Single. We offer only the very finest sorts. Strong, pot-grown plants, \$6.00 per 100.

F. R. Pierson Co., Tarrytown, N. Y.

DRACAENAS.

Dracaena Indivisa, one of the most useful plants for center of vases, baskets, etc. We have a fine stock, which we can supply as follows: Extra strong plants, 6-in. pots, 2 to 2½ ft. high, \$6.00 per doz. Large specimens 3 to 2½ ft. high, for large vases, \$15.00 per doz. F. R. Pierson Co., Tarrytown, N. Y.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

FERNS.

	Doz.	Hun.
Adiantum cuneatum, 3-in. pots....	\$1.50	\$8.00
Adiantum cuneatum, 4-in. pots....	1.50	12.00
Adiantum capillus-vener. 2-in. pots....	50	4.00
Cyrtomium falcatum, 3-in. pots....	1.00	8.00
Cyrtomium falcatum, 3-in. pots....	2.00	.....
Elaeochloa orientalis, 2-in. pots....	50	4.00
Lomaria Gibba, 4-in. pots....	1.50	12.00
Pteris serrulata, 2-in. pots....	50	4.00
Pteris umbrosa, 4-in. pots....	1.50	12.00
Nephrolepis exaltata, 4-in. pots....	1.50	12.00
Nephrolepis pectinata, 3-in. pots....	1.00	8.00
Nephrolepis pectinata, 4-in. pots....	1.50	12.00
Nephrolepis Philippensis, 4-in. pots....	1.50	8.00

As we are continually being asked for Nephrolepis Bostonensis (Boston fern) would say that we have about 10,000 that will be ready for 5 and 6-inch pots this fall, and we will book orders for these at \$3.00 and \$5.00 per dozen, for delivery Aug. 1, but they are not yet ready for shipment.

Geo. Wittbold, 1708 N. Halsted St., Chicago.

Nephrolepis Washingtonensis, a magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house. Three good plants from 2-inch pots mailed for \$1.00; 100 good plants from 3-inch pots expressed for \$40.00; 100 extra fine plants from 4-inch pots, \$60.00.

John H. Ley, Good Hope, D. C.

Nephrolepis Exaltata Bostonensis. The handsomest decorative plant in cultivation, \$5.00 per 100; \$40.00 per 1000. Mine is the genuine stock.

Fred C. Becker, Cambridge, Mass.

Boston Fern. We have a large stock in large sizes, which we can supply as follows: Extra strong plants, 10-inch pans, \$1.50 each.

F. R. Pierson Co., Tarrytown, N. Y.

Boston Ferns. N. Exaltata Bostonensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; not less than \$50 at 1,000 rate.

Wm. A. Bock, No. Cambridge, Mass.

The Boston Fern. A specialty. \$5.00 per 100; \$40.00 per 1,000. Orders filled in rotation, as plants are ready.

L. H. Foster, 45 King St., Dorchester, Mass.

Extra fine lot of Bostonensis Ferns, ready for 5-inch pots. Geo. A. Kuhl, Pekin, Ill.

FUCHSIAS.

Storm King, Avalanche and Elm City, 2 1/2-inch, \$2.50 per 100. Cash with order.

W. J. Chinnick, Trenton, N. J.

2,000 fuchsias, 3-inch, five best varieties, \$2.50 per 100. Cash with order.

Geo. L. Miller, Newark, O.

From 3 1/2-inch pots, \$5.00 per 100. Cash.

Jno. Reck, Bridgeport, Conn.

Little Beauty, \$4.00 per 100.

A. J. Baldwin, Newark, O.

GERANIUMS.

Geranium America. The Ideal pot and bedding Geranium, exquisite, striking coloring; enormously floriferous; dwarf and strong in growth. Orders booked now. Photos free.

Henry Eichholz, Waynesboro, Pa.

Assorted, 2 1/2-inch, \$4.00 per 100; 3 1/2-inch, \$6.00 per 100; Mme. Sallerol, 2-inch, \$2.00 per 100; Sweet scented, Mrs. Pollock, Pansy, 2 1/2-inch, \$4.00 per 100; Mrs. Parker, 2 1/2-inch, \$6.00 per 100. Rooted cuttings: Assorted, \$1.50 per 100; mixed, \$1.25; Mrs. Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Silver Leaf, Rose scented, Ivy, \$1.50; Mrs. Parker, Freak of Nature, \$4.00; Mme. Sallerol, \$1.25. Cash or C. O. D.

Greene & Underhill, Watertown, N. Y.

Single Grant, finest single scarlet geranium for bedding. Strong plants, 3 1/2-in. pots, \$6.00 per 100. Ivy-leaved, finest sorts, 2 1/2-in. pots, \$4.00 per 100.

F. R. Pierson Co., Tarrytown, N. Y.

Nice plants in best assortment, 2 cts.

Fairview Floral Co., Beatty, O.

First class assortment, from 2-inch pots, \$3.00 per 100; 3 1/2-inch pots, \$6.00; 4-inch, \$8.00. Mars stock plants, \$3.00 per dozen. Cash with order.

John Reck, Bridgeport, Conn.

Mme. Jaulin, the peach pink Bruant, 3-inch, \$5.00 per 100. Mme. de la Roux, the best single salmon bedding Bruant, 3-inch, \$8.00 per 100. The Cottage Gardens, Queens, N. Y.

1,500 Geraniums, best varieties, assorted, 4-inch, \$4.00 per 100. 2,000 best Doubles, 2 1/2-in., \$2.00 per 100.

Chas. L. Stanley, Plainfield, N. J.

Fine large plants in bloom, Double Grant and Mrs. Pollock, \$4.00 per 100; \$35.00 per 1,000. R. I. Hart, Mgr., Hackettstown, N. J.

Bedding geraniums, 4-inch pots, \$6.00 per 100; 3-inch, \$4.00 per 100. First class stock.

Crabb & Hunter, Grand Rapids, Mich.

La Favorite and Mme. Sallerol, 2 1/2-inch, \$2.00 per 100. Cash with order.

W. J. Clumick, Trenton, N. J.

1,000 Rose geraniums, 3-inch, to close out, \$3.00 per 100. Cash with order.

Geo. L. Miller, Newark, O.

Mixed, 2 to 3-inch, 2 cts. and 3 cts.

Elmer I. Rawhins, Quakertown, Pa.

HARDY PLANTS.

Azalea Amoena. One of the best dwarf hardy shrubs, excellent for forcing. Well rooted plants ready for 3-inch pots, \$6.00 per 100; \$50.00 per 1,000. Sample mailed for 10 cents.

Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy shrubs, trees, vines, evergreens and perennials. A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap. Trade list free on application.

T. R. Watson, Plymouth, Mass.

Choice trees and hardy plants. Specialties: Azalea amoena, Rhododendrons, kalmias, blue spruce. New introductions of hardy perennials. Catalogue free.

Newport Nurseries, Newport, R. I.

Hardy Herbaceous Perennials. The most complete stock in America. Paeonies, Phlox, Iris, Delphiniums, etc., etc.

Jacob W. Manning, The Reading Nursery, Reading, Mass.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

Specimen Evergreen Trees for tubs and vases for decorations.

Chas. B. Hornor & Son, Mt. Holly, N. J.

HYDRANGEAS.

Hydrangea Otaka, fine plants in 5-in. pots. In bloom, beginning to show color, one fine flower each, \$3.00 per doz. Also very large plants in tubs for late blooming, just coming into bud, \$1.50 each. Also large specimens in half-barrels, buds well developed, plants that will be in full bloom in July and August, with from 30 to 50 buds, \$5.00 each.

F. R. Pierson Co., Tarrytown, N. Y.

Hydrangea from 4-inch pots, in bloom, \$1.25 per dozen; \$5.00 per 100.

Fred Boerner, Cape May City, N. J.

ORCHIDS.

Just arrived in fine condition, Cattleya labiata, C. Mossiae, C. speciosissima, C. Harrisoniae violacea, C. Warneri, C. granulosa, Laelia anceps, L. a. alba, L. Autumnalis, L. praestans, L. Dayana and Burlingtonia fragrans.

Lager & Hurrell, Summit, N. J.

PAEONIES.

10,000 Paeonies in twenty distinct varieties.

W. & T. Smith Co., Geneva, N. Y.

PALMS, ETC.

WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS. Measurements from top of pot to top of tallest leaf.

	Pot H't.	Char.	Each.	Doz.
	in.	lvs.		\$
Lantana Borbonica,	2		\$.50	1.50
" "	3		.75	2.00
" "	5	16-20	5-8	\$.50
" "	6	18-20	5-7	.75
" "	7	20-24	4-8	1.00
" "	8	24-28	4-6	1.25
Calla Wollelhana,	3	14-18	4-6	.25
Kentia Belmoreana,	3	5-7	3-4	2.00
" "	3	8-10	4-5	.25
" "	3	18-20	5-6	.75
" "	5	18-20	6-7	1.00
" "	6	20-25	5-7	1.50
" "	7	24-28	6-7	2.50
" "	7	26-30	4-5	.75
" "	5	25-28	4-6	1.00
" "	6	26-30	4-8	1.50
" "	7	30-40	5-6	2.50
Phlox Rehnata,	5	11-16	5-8	.50
" "	6	16-18	7-10	.75
Pandanus Utilis,	3			1.50
" "	4	12-14		3.00
" "	5	14-16		5.00
Piptomena Agavea,				1.50
Dracena terminalis,	4			3.00
" "	4	8-10		2.00
" "	5	10-12		.50
" "	6	14-18		.75

Geo. Wittbold, 1708 N. Halsted St., Chicago.

Kentias, Belmoreana and Forsteriana, 6-in. pots, from \$1.00 to \$1.50 each; 7-in. pots, \$1.50 to \$2.50 each; larger plants, \$3.00 to \$10.00 each. Areca Lutescens, 50c to \$3.00 each. Lantanas, from \$4.00 per doz. to \$3.00 each. Araucarias, large plants, \$1.00 to \$1.50 each. Rubber plants, \$3.00 to \$4.00 per dozen.

Wm. A. Bock, No. Cambridge, Mass.

Pandanus Veitchii. We are still offering a special price on this stock. Can supply as follows: Extra fine plants, 7-in. pots, 2 ft. high, \$1.50 each; larger plants, 8-in. pots, 2 1/2 ft. high, \$2.00 each; larger specimens at \$3.00 to \$5.00 each, according to size.

F. R. Pierson Co., Tarrytown, N. Y.

Pandanus Veitchii, clean stock, pedestal grown, 6-inch pots, \$1.00 each; \$12.00 a dozen. Also larger sizes. Send list of sizes required and get rates. Also a few white leaved plants at half price, for decorative effects or cutting up.

John Welsh Young, Germantown, Pa.

Cycas stems. Orders booked now for spring delivery. These are not bought in open market in Yokohama, but are collected under our own supervision and are of the first quality. Prices on application.

Suzuki & Iida, 11 Broadway, New York.

Main Office, 3 Nakamura, Yokohama, Japan.

Cycas Revoluta stems, from 6 to 15 inches long, \$9.00 per 100 lbs. Special prices on large lots. J. M. Thorburn & Co., 35 Cortlandt St., New York.

Palms and Decorative Plants in quantity.

Anton Schultheis, P. O. Box 75, College Point, Queens Borough, New York.

My entire stock of palms for sale at a bargain. New wholesale list ready. Send for it.

W. J. Hesser, Plattsmouth, Neb.

Palms and Decorative Plants. Largest stock in America.

Siebrecht & Son, New Rochelle, N. Y.

Send for our list of Palms and Ferns.

Ellis & Pollworth, Milwaukee, Wis.

PRIMULAS.

Baby Primroses. A good novelty for winter season. For pot and bench culture, treatment like violets; in bloom Christmas and Easter; also useful cut flowers, 3-inch pots, \$10.00 per 100; 2-inch, \$8.00 per 100; rooted cuttings, two months old, \$5.00; one month, \$3.00; sample doz. by mail, \$1.00. Cash with order, please.

Albert Knapper, Frankford, Phila., Pa.

50,000 Primulas and cinerarias ready August 1.

Morris Floral Co., Morris, Ill.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Baby Primrose, the newest thing for Easter blooming. Flowers in thumb pots; grows rapidly, 6-in. pot, carry 50 to 100 sprays of rosy flowers, 12 to 18 in. long; lasts 4 weeks when cut and wholesale at \$2 per 100; grows finely in cool house; perpetual bloomer. 12 for \$1.50; \$10 per 100, express prepaid.

A. Blanc & Co., Philadelphia.

Baby Primrose, nice stock for fall and winter blooming. 75 cents per dozen, by mail; \$5.00 per 100, express paid. Primula Obconica, new, large flowering, strong plants ready for 4-inch pots, \$2.50 per 100. E. Fryer, Berriman st. and New Lots av., Brooklyn, N. Y.

Baby Primrose, 2-inch, \$6.50 per 100. Cash.
Geo. H. Dodge, Billerica, Mass.

ROSES.

50,000 first quality Forcing Roses, ready for immediate planting. Fully equal to those sent out the last seven years, first class and healthy in every respect. Only selected growth from flowering shoots used in propagating. Wootton, Le France, American Beauty, Pres. Carnot, 3-inch pots, \$8.00 per 100; 4-inch pots, \$12.00 per 100. Meteor, Bridesmaid, Gontler, Bon Silene, Mermet, Perle, Kaiserin, Belle Siebrecht, Mme. Hoste, Bride, 3-inch pots, \$7.00 per 100; 4-inch pots, \$10.00 per 100. Grafted roses, Bridesmaid, Kaiserin, Pres. Carnot, 3½-inch pots, \$15.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

1,000 Beauties, just been potted up in 3-inch pots, \$6.00 per 100. 1,500 Brides, 7,000 Maids, 1,500 Meteors, 2-inch pots, \$3.00 per 100. 1,500 Brides, 1,000 Meteors, 3-inch pots, \$5.00 per 100. The above stock is all strictly first class. No order for less than 100 plants accepted at these prices. Plants will be shipped from our greenhouses at Hinsdale, Ill.

Bassett & Washburn, 76 Wabash Ave., Chicago.

Meteors from 2½-inch pots, \$2.00 per 100; \$15.00 per 1000; Bridesmaids from 2½-inch pots, \$3.00 per 100. American Beauty and La France, one year old, 24 inches high, \$30.00 per 1000. No order for less than 500 accepted.
Reinberg Bros., 51 Wabash Ave., Chicago.

1,700 Brides, 4-inch; 1,100 Maids, 4-inch; 1,200 Brides, 2½-inch; 1,500 Maids, 2½-inch; 600 Meteors, 2½-inch. All in excellent condition. \$3.00 per 100 for 2½-inch, and \$3.00 per 100 for 4-inch.
Vesey's Greenhouses, Ft. Wayne, Ind.

To close out, 1,300 Perles, 500 Brides, 450 Maids, 750 Beauties and 1,500 Woottons, in 2½-inch pots; 600 Brides, 300 Maids, 700 Beauties, in 2-inch pots; 750 Woottons, in 3-inch. Speak quick.
Geo. A. Kuhl, Pekin, Ill.

5,000 Brides and Bridesmaids, in thumb pots, nice plants at \$2.00 per 100; 2,000 3-inch Brides, \$3.50 per 100. Will exchange for Safrano or other roses, chrysanthemums or begonias.
H. W. Wieland, Newtown, Bucks Co., Pa.

Fancy Rose stocks, 3½-in. potted back 3-in. Extra strong, select plants. July 15 and later delivery. \$6.00 per 100. Kaiserins, Brides, Meteors and Maids, 2½-in., \$3.50 per 100.
South Side Floral Co., Springfield, Ill.

Beauties, 3-inch, \$6.50 per 100. Brides, 3½-inch, \$5.00 per 100. Brides and Maids, 4-inch, \$7.50 per 100, or \$7.00 per 100 for lots of 500 or more. Good stock and warranted to please.
Poehlmann Bros., Morton Grove, Ill.

American Beauty, 3¼-in. pots, \$3.00 per 100; \$30.00 per 1,000. Meteor, Maids and Brides, 3¼-in. pots, \$5.00 per 100; \$45.00 per 1,000. Fine stock. Cash with order unless known.
Brant & Noe, Forest Glen, Ill.

Well grown thrifty stock, from 2½-inch pots. Maids, \$3.00 per 100; \$25.00 per 1,000. Perles, \$3.50 per 100; \$30.00 per 1,000.
Wm. B. Sands, Lake Roland, Baltimore, Md.

2,000 Perles, 3-inch pots, \$4.00 per 100. 2,000 Maids, 3-inch, \$4.00 per 100. 2,000 Golden Gate, 3-inch, \$5.00 per 100.
J. D. Brennehan, Box 24, Harrisburg, Pa.

Philadelphia roses. Strictly first-class clean stock, 3-inch Brides and Maids.
Myers & Samtman, Wyndmoor, Chestnut Hill, Philadelphia, Pa.

Good, strong plants in 3½-inch pots. \$3.00 per 100. 800 Perles, 80 Maids, 1000 Brides—1000 Mermets. Cash with order.

Mrs. J. W. Crouch, Chattanooga, Tenn.

1,000 strictly first class Brides, 3-inch pots, stock clean and healthy, \$6.00 per 100; \$50.00 for the 1,000. Cash.
Chas. E. Moshan, Germantown, Phila.

1,000 Perle, strong, healthy plants, from 4-inch pots, \$6.00 per 100; \$50.00 per 1,000. Cash with order.

Robt. Williamson, New Durham, N. J.

Surplus stock, Bride and Bridesmaid, strong plants from 2½-inch pots, \$3.00 per 100. A few Meteor in 3-inch, \$5.00 per 100.

L. L. May & Co., St. Paul, Minn.

5,000 Bridesmaids, from 3½-inch pots, \$6.00 per 100; \$50.00 per 1000. From 2½-inch pots, \$3.00 per 100.

Edw. J. Taylor, Southport, Conn.

Maids in 3-inch pots; very strong, healthy plants, guaranteed to please you or your money back.

C. Humfeld, Clay Center, Kan.

4,000 nice young plants of Brides and Maids, from 3-inch pots, at 4.00 per 100; \$35.00 per 1,000; 500 at 1,000 rate. Cash with order.

W. F. Hillborn, Newtown, Pa.

800 Meteor, 600 Bride, 300 Bridesmaid, 300 Perle, A No. 1 stock, from 3-inch pots, cuttings struck in December, \$5.00 per 100.

C. L. Reese, Springfield, O.

American Beauties, strong, clean, healthy plants, from 2½-inch, 3½-inch and 4-inch pots, \$6.00 to \$12.00, according to quantity and size.

S. C. Nash, Clifton, N. J.

Strong and bushy plants, 500 Brides, 500 Maids, 500 Meteors, 500 Perles, \$4.00 per 100; \$35.00 per 1,000. Cash with order.

E. J. Bolanz, Akron, O.

Surplus stock, fine as silk; 1,000 Brides, \$3.00 per 100; 1,500 Maids, \$4.00 per 100. Cash with order please.
Thomas Foulds, Hoyt, Pa.

Rose stock. Bridesmaid and Bride, All stock, out of 3-inch pots, all heel cuttings. Prices right.
T. W. Lydecker, Englewood, N. J.

Surplus roses, Brides and Maids, first class stock, from 3-inch pots, \$4.00 per 100.
Crabb & Hunter, Grand Rapids, Mich.

H. P. Roses and Ramblers at reduced prices.
W. & T. Smith Co., Geneva, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

SEEDS.

Chinese Primrose seed. The finest large flowering, fringed varieties grown. Not at all like the cheap imported seed. Special packet of thirteen (13) varieties, single and double, mixed, 400 seeds, \$1.00; half packet, 50 cents. A packet of the new Forget-me-Not Jewel added to every order. Strictly cash prices.

Giant Pansy. Best large flowering varieties to be had; no finer offered; larger and finer this season than ever. All the seed plants critically selected. Per packet, 3,500 seeds, \$1.00; half packet, 50 cents.
John F. Rupp, Shrewstown, Pa.

Calceolaria hybrida grandiflora, mixed; Cineraria hybrida grandiflora, mixed; Cineraria hybrida, dwarf; Cineraria hybrida Kerme-sina; Primula fimbriata, choice mixed; Rubra, Alba Magnifica, Cheswick Red, Meteor, Village Maid. Trade packets, 50 cents and \$1.00. Primula obconica, trade packets, 25 cents; 1-16 oz., 75 cents.
Wm. Elliott & Sons, Dey St., New York.

Cyclamen growers do not forget that L. P. DeLanghe-Vervaeke, Nurseryman, 150 Rue de Constantinople, Brussels, Belgium, is the raiser of Cyclamen Papilio, the most beautiful strain in the world. Price, 100 seeds, \$3.00; 500 seeds, \$12.00; 1,000 seeds, \$20.00.

Pansy seed. The famous Diamond Strain. The best strain in the world of the German type of Pansy; largest in size and greatest variety of rich and odd colors. A trial will prove it. Price, all colors mixed, \$5.50 per oz.; \$3.00 per ¼ oz.; \$1.75 per ¼ oz.; \$1.00 per ½ oz. Cash with order.

L. W. Goodell, Pansy Park, Dwight, Mass.

Choice Pansy seed, including all the best French, Scotch and German prize sorts. Packet of 1,000 seeds, 25 cents. Calceolaria, Cineraria, Cyclamen, Primula seed, ready. July deliveries: Frossias, Lil. Harrisii. Send for our new trade list.
H. H. Berger & Co., 47 Barclay St., New York.

Allen's Defiance Mignonette. Seed all grown under glass in season of 1898-1899. The very highest standard. Sealed packets, containing 2,000 seeds, \$1.00 each. None genuine unless my signature is on the face of each packet, and the packet sealed.

Chas. H. Allen, Floral Park, N. Y.

Zirngel's Market and Fancy strains of pansies are unequalled for size and brilliancy of color and the most popular strains to date. New crop seed ready now. Trade packets of either strain at \$1.00 each. Full directions how to sow and cultivate with every packet.
Denys Zirngel, Needham, Mass.

Pansies, Mitting's Giant Flowering, \$4.00 per oz.; \$50.00 per pound; Mitting's Sky Blue, Purple, Yellow, White, \$2.00 per oz.; \$25.00 per pound. Morris Floral Co., Morris, Ill.

Sure crop Mushroom Spawn, \$8.00 per 100 lbs. Pamphlet, "How to Grow Mushrooms," 10 cts.

Weeber & Don, 114 Chambers St., New York.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

The Jennings' strain of pansy seed. New crop, \$1.00 per packet; \$6.00 per oz.
E. B. Jennings, Box 254, Southport, Conn.

Special seeds for the florist and gardener. Send for wholesale catalogue.
Johnson & Stokes, Philadelphia, Pa.

Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.
C. Soltan & Co.,
199 Grant Ave., Jersey City, N. J.

SMILAX.

2,000, from flats, by mail, 50 cents per 100; \$4.00 per 1,000; from 2-inch pots, \$1.50 per 100; \$13.00 per 1,000. Cash with order.
Fred Boerner, Cape May City, N. J.

Smilax, very strong bushy plants, 2-inch, ready for planting, \$1.50 per 100; \$12.00 per 1,000. These will surely please you.
C. Humfeld, Clay Center, Kan.

From 2-inch pots, \$2.00 per 100; \$15.00 per 1,000.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Smilax, extra strong, 2-in., \$1.00 per 100; \$8.00 per 1,000.
South Side Floral Co., Springfield, Ill.

Smilax seedlings, good strong roots from flats, 35 cts. per 100; \$3.00 per 1,000.
R. I. Hart, Mgr., Hackettstown, N. J.

Extra fine plants out of 4-inch pots, \$4.50 per 100; \$40.00 per 1,000.
Wm. Schweinfurth, Ridgewood, N. J.

2,000 2½-in. Smilax, \$1.50 per 100; \$10.00 per 1,000. Cash with order.
Chapin Bros., Lincoln, Neb.

Pot plants ready now, by the 100 or 1000, at \$1.50 per 100.
A. M. Herr, Lancaster, Pa.

Fine plants out of 2-inch pots, \$1.25 per 100; \$10.00 per 1,000. Cash with order.
J. B. Helss, Dayton, O.

Elegant stock, 2-inch, \$1.25 per 100; \$10.00 per 1,000.
Furrow Bros., Guthrie, Oklahoma.

Seedlings, from flats or transplanted. Write for prices.
Geo. Souster, Elgin, Ill.

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CLASSIFIED PLANT ADVS.--Continued.

Fine 2 and 2½-inch Smilax plants, \$2.00 and \$2.50 per 100. John Wolf, Savannah, Ga.

Strong plants, 2½-inch pots, \$2.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

2½-inch, extra strong, \$2.00 per 100. Cash. Geo. H. Dodge, Billerica, Mass.

VEGETABLE PLANTS.

Celery. White Plume, Golden Self-Blanching, New Rose and other varieties, strong plants, 15c per 100; \$1.00 per 1,000. If by mail, add 10c per 100.

Cabbage. H. Succession, Early Summer, Flat Dutch, Drumhead Savoy and other varieties, strong field plants, 15c per 100; \$1.00 per 1,000; \$8.50 per 10,000. If by mail, add 10c per 100.

Tomato. Livingston's Stone, Favorite, Beauty and Brunton's Best, field grown, 15c per 100; \$1.00 per 1,000; \$8.50 per 10,000. If by mail, add 10c per 100. R. Vincent, Jr., & Son, White Marsh, Md.

VERBENAS.

Verbenas, 2½-inch, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

VINES.

Variiegated trailing abutilon, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00 per 100. Vinca var., 2½-inch, \$2.50 per 100. Nasturtiums, 2-inch, \$2.00 per 100. Manettia bicolor, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00. English Ivy, 2 to 3 feet, \$5.00 per 100. German Ivy, 2½-inch, \$3.00 per 100. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

Nasturtiums, Dwarf Tom Thumb, strong plants in 3½-in. pots, \$6.00 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Honeysuckle, Golden Leaved, strong plants, 2½c. Fairview Floral Co., Beatty, Ohio.

VIOLETS.

2,000 Marie Louise violet plants, \$3.00 per 1,000; also 3,000 Marie Louise cuttings, well rooted, at \$5.00 per 1,000. The above stock is clean and healthy; not a spot on them. Send at once. Cash with order. C. Lawritzen, Box 262, Rhinebeck, N. Y.

Marie Louise, perfectly clean and healthy, a few first-class sand rooted cuttings, \$5.00 per 1,000; 60 cents per 100, while they last. Cash with order. R. Kilbourn, Clinton, N. Y.

Pot plants now ready of Marie Louise, Farquhar and Lady Campbell, free from disease, first class stock. Write for prices. Crabb & Hunter, Grand Rapids, Mich.

Campbell, Russian, California, Shoenbrun, Luxonne, Princess of Wales, 2½-inch, \$3.00 per 100. Conard & Jones Co., West Grove, Pa.

MISCELLANEOUS PLANTS.

Russellas multiflora and elegantissima. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy. 2½-inch, \$2.50 per dozen.

Browallia gigantea. One of the most valuable plants of recent introduction. Always in bloom. Color same as California violet. Good for cut flowers. Good bedding plant. Also a fine pot plant for Christmas or Easter. The Cottage Gardens, Queens, N. Y.

Double petunias, 2½ and 3-inch, \$4.00 per 100. Lemon verberna, Impatiens Sultan, 2½-inch, \$3.00 per 100. Salvia, 2½-inch, \$4.00. Rooted cuttings: Ageratum, B. & W., Cuphea, heliotrope, \$1.25 per 100. Impatiens Sultan, \$2.00. Lantana, lemon verberna, \$1.50. Greene & Underhill, Watertown, N. Y.

TRY AN ADV. in the Review if you have any surplus stock to sell to the trade.

WHEN you write an advertiser, always state that you saw the adv. in The Florists' Review.

PRIMROSE AND PANSY SEED.

CHINESE PRIMROSE. The finest large flowering fringed varieties grown. of thirteen (13) varieties, single and double. Not at all like the cheap imported seed. Special pkt. of 400 seeds, \$1.00; half pkt., 50c.

GIANT PANSY. The best large flowering varieties to be had. No finer offered; larger and finer this season than ever. All the seed plants critically selected. Per pkt., 3,500 seeds, \$1.00; half pkt., 50c.

A pkt. of the new Forget-Me-Not "Jewel" added to every order. Strictly cash prices. **The Home of Primroses.** **JOHN F. RUPP, SHIREMANSTOWN, PA.** Mention The Review when you write.

TO ALL GROWERS OF CUT FLOWERS.

We Have Something that will interest you and would be glad to correspond with you about it. If you will give us your address we will write you fully, at once, about it. **ALL INFORMATION IS FREE,** and you will be more than pleased. What is your specialty in cut flowers now? We can tell you where to get the highest prices. Write us at once. Address

F. B. MILLS, Seedsman and Florist, Rose Hill, N. Y. Mention the Review when you write.

1899 CONTRACTS 1899

Now I am open to quote prices on all Bulbs, Plants and Roots for next season. Send in your list of wants for quotations.

F. W. O. SCHMITZ, JERSEY CITY, N. J.

Mention The Review when you write.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—As foreman, by first class grower of roses, carnations, chrysanthemums and general stock. Have been in charge of section of houses for several years in a large commercial place; employed at present; want to make a change; age 29; single; best of references. Address A. B., care Florists' Review.

SITUATION WANTED—By first class man as foreman; wholly trustworthy; references; private place or park preferred. Address X Y Z, care Florists' Review.

FOR SALE OR RENT—Four greenhouses and dwelling; good retail stand. A. Claus, Springfield, Ill.

SITUATION WANTED—By a first class plantsman, palm and fern grower; to take charge; references. Address O. P. 2, care Florists' Review.

SITUATION WANTED—An up-to-date cut-flower artist, designer and decorator, second to none and a good salesman, now with one of the best firms in the country, wants to make a change; best of reference. For full particulars, address E. V. O., care of Florists' Review.

FOR RENT—About 60 x 103 ft., my Greenhouse business, consisting of six houses and barn, located in a well settled part of Chicago; doing a good retail trade. (Design work.) For rent on account of sickness. Apply to Chas. Held, 922 North Campbell Ave., Chicago.

TO RENT—Five Greenhouses, heated by steam; city water; cheap rent. Call at A. J. Harms, Agent, Cor. Berteau and Western Aves., Harms Park, Chicago, Ill.

WANT SOME WILD FERNS of the variety Camptosorus rhizophyllus, or Walking Fern.

H. A. CATLIN, Florist, White Sulphur Springs, W. Va. Mention The Review when you write.

For Sale or Rent.

Store and Greenhouses located on one of the best boulevards in Chicago.

At a Bargain if taken at once as owner must dispose of. For full particulars enquire of **McKELLAR & WINTERTSON,** 47 Wabash Avenue, - - - CHICAGO.

Mention The Review when you write.

Always Mention the... Florists' Review When Writing Advertisers.

When preparing for the Fall and Winter trade, do not forget to use

JADOO FIBRE AND JADOO LIQUID

the results will be astonishing and profitable.

Our new Catalogue you will find interesting and instructive.

THE AMERICAN JADOO CO., 817 Fairmount Ave. Philadelphia, Pa.

Mention the Review when you write

Vegetable Plants.

CELERY. White Plume, Golden Self-Blanching, New Rose and other varieties, strong plants, 15c per 100; \$1.00 per 1000. If by mail, add 10c per 100.

CABBAGE. H. Succession, Early Summer, Flat Dutch, Drumhead Savoy and other varieties, strong field plants, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000. If by mail, add 10c per 100.

TOMATO. Livingston's Stone, Favorite, Beauty and Brunton's Best, field-grown, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000. If by mail, add 10c per 100.

Chrysanthemums in good var., from 2½-in. pots, \$2.00 per 100. Cash with order.

R. VINCENT, JR. & SON, White Marsh, Md.

Mention The Review when you write.

WASHINGTON.

Flowers of all descriptions are plentiful, except fine roses, which are scarce, and in spite of their poor quality bring 25 per cent more than last year. Carnations are very small and bring \$1 to \$1.50 per 100; sweet peas are fine, selling for \$1 to \$1.50 per 1,000. Most of our florists are busy with funeral and commencement work.

Out-door carnations, as well as all other stuff, are suffering from the long drouth, and several firms are watering their plants in the field.

N. Studer's store, 936 F street, one of the oldest in the city, will be closed July 1. Mr. Studer will give his entire attention to wholesale plant growing. He has two houses filled with Kentias and Latanias, in salable sizes, which are in fine condition.

C. Brooks, formerly with N. Studer, has opened a store where Smith & Posey used to be. F. H. KRAMER.

DENVER.

The following is a resume of the scores made by the Denver Florists' Bowling Club during the season ending June 21:

	No. Games.	Total.	Ave.
J. N. Jakobsen.....	43	7096	165
John Berry.....	100	16432	164
A. E. Mauff.....	73	11881	162
Donald Scott.....	15	2422	161
Geo. Erb.....	3	480	160
Chas. Mauff.....	60	9474	157
Chas. Meyer.....	50	7866	157
Robt. Kurth.....	67	10484	156
Geo. Brenkert.....	52	8058	154
A. M. Lewis.....	39	5891	151
Geo. Zimmer.....	28	4325	150
Chas. Thiess.....	39	5976	150
M. J. Taylor.....	39	5832	149
Chas. Webb.....	39	5602	146
John Ferris.....	63	9128	144
Perry Gallup.....	7	1004	143
Gus. Lang.....	7	897	141
Chas. Franz.....	46	6459	140
J. A. Valentine.....	31	4014	129
Emil Glauber.....	5	609	125
Gilbert Scott.....	38	4375	115
Theodore Loken.....	2	204	102
B. O. Byron.....	4	320	80
N. J. Morris.....	2	152	76

SHIREMANSTOWN, PA.

John F. Rupp recently presented baskets containing 20 assorted bedding plants to each of 32 expressmen, baggagemen, conductors and brakemen of their shipping road. He finds it pays to treat them to flowering plants occasionally, as the men are not only fond of flowers, but take more interest in seeing that his large plant shipments are properly cared for.

THE Florists' Manual, by William Scott, will be a whole library on American commercial floriculture. Price, \$5.00. Send in your order now for a copy to be delivered when ready.

5000 BEGONIA REX.

POT PLANTS.

Abutilon Var, trailing, 3-inch.....	\$3.00 per 100	GERANIUMS—Assorted.....	2 1/2-in. \$1.00 per 100
Begonia Rex, assorted, 2 1/2-inch.....	4.10	" " " " " " " " " "	3 1/2-in. 6.00
" " named.....	6.00	Mme. Salleroi.....	2-in. 2.00
Vinca Var, 2 1/2-inch.....	2.50	Sweet Scented.....	2 1/2-in. 4.00
Nausturtium, 2-inch.....	2.00	Mme. Pollock.....	" 4.00
Petunia Double, 2 1/2 and 3-inch.....	4.00	Pansy.....	" 4.00
Lemon Verbena, 2 1/2-inch.....	3.00	Mrs. Parker.....	" 6.00
Salvia, 2 1/2-inch.....	4.00	English Ivy, 2 to 3 feet.....	5.00
Impatiens Sultana, 2 1/2-inch.....	3.00	Germao Ivy, 2 1/2-inch.....	3.00
Begonia Tuberosa, 2 1/2-inch.....	5.00	Verbena.....	2.00
		Manettia bicolor, 3-in.....	6.00

ROOTED CUTTINGS.

Abutilon var, trailing.....	Per 100 \$2.00	Lantana.....	Per 100 \$1.50	Geraniums, Mme. Pollock.....	Per 100 \$2.00
Ageratum, blue and white.....	1.25	Manettia bicolor.....	2.00	Mrs. Parker.....	4.00
Begonia Rex.....	2.00	Lemon Verbena.....	1.50	Silver Leaf.....	1.50
" Incarnata Gigantea.....	2.00	Geraniums, assorted.....	1.50	Rose Scented.....	1.50
" Flowering.....	2.00	Mixed.....	1.25	Mme. Salleroi.....	1.25
Cuphea (Cigar).....	1.25	Mars.....	3.00	Freak of Nature.....	4.00
Impatiens Sultana.....	2.00	Happy Thought.....	3.00	Ivy.....	1.50
Heliotrope.....	1.25				

Terms Cash or C. O. D.

GREENE & UNDERHILL, Watertown, N. Y.

Mention The Review when you write.

Burpee's Seeds Grow

CRABB & HUNTER, Violet Specialists.

Pot plants now ready of Marie Louise, Farquhar and Lady Campbell; free from disease. All stock; write for prices. Surplus Roses, Brides and Maids, first class stock, from 3-inch pots, at \$1.00 per 100. Bedding Geraniums, 4-inch pots, at \$6.00 per 100; from 3-in. pots, \$1.00 per 100. All first class stock.

GRAND RAPIDS, MICH.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Mention the Review when you write.

REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of WIRE & DESIGNS and Dealers in

FLORISTS' & SUPPLIES

Mention The Review when you write.

NIKOTEEN

IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE

DOES NOT INJURE THE MOST SENSITIVE PLANTS - ENDORSED BY PROMINENT FLORISTS - USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT - 200 LBS. OF TOBACCO IN ONE PINT OF NIKOTEEN SOLD BY SEEDSMEN - CIRCULAR FREE - SKABKURA DIP CO. CHICAGO.

Kill AND SAVE THE BLOOMS Bugs! QUICKLY DOES IT.

Mention the Review when you write.

THE REGAN ... PRINTING HOUSE ...

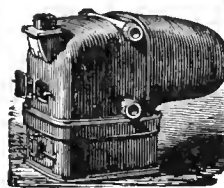
Nursery Seed & Florists' Catalogues

87-91 Plymouth Place, Chicago.

A. ZEISE & CO.

PHOTO-PROCESS ENGRAVING

300-306 DEARBORN ST. CHICAGO.



HITCHINGS & CO.

233 MERCER ST., NEW YORK.

GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings and Ventilating Apparatus

Send Four Cents for Catalogue.

Mention the Review when you write.

Always mention the Florists' Review when writing advertisers.

**Hot-Bed
Sash.**

Tenons white-leaded. Corners secured with iron dowel pins. Every detail of construction perfect. Made of Clear Cypress Lumber.

Quick Shipments.

We have in stock and can ship immediately:

- 3 ft. x 6 ft., 3 rows 10 in. glass.
- 3 ft. 3 in. x 6 ft., 4 " 8 in. "
- 4 ft. x 6 ft., 5 " 8 in. "

Not glazed, 1 1/4 in. thick.

Delivered Prices

Quoted on application. State size and quantity wanted. No order too small to receive careful attention, and none too large for our facilities.

LOCKLAND LUMBER CO.,
Lockland, Ohio.

Mention The Review when you write.

We are now gathering our new

Sphagnum Moss

for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.

Z. K. JEWETT & CO., - SPARTA, WIS.
Mention the Review when you write.

Smilax Plants.

SEEDLINGS.

From flats or transplanted. Write for prices.

GEO. SOUSTER, - ELGIN, ILL.
Mention the Review when you write.

Smilax.

Fine 2 and 2 1/4-inch Smilax plants for sale. \$2.00 and \$2.50 per 100.

JOHN WOLF,
FLORIST, - - SAVANNAH, GA.
Mention The Review when you write.

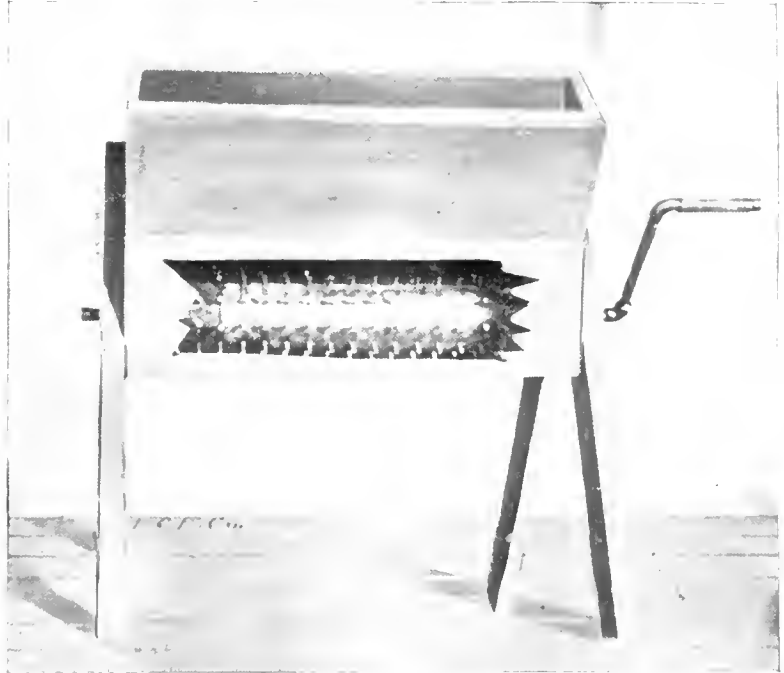
Always Mention the...

Florists' Review
When Writing Advertisers.

HAVE YOU ANY SOD TO CUT ANY SOIL TO SIFT ANY MANURE AND SOIL TO MIX UP ?

IF SO, you can save money by using one of our Soil Crushing Machines. It will pay for itself the first week. Stone and gravel have no effect on it, it is made very strong.

Complete, only \$5.00.



Patent applied for.

FLORISTS' SUPPLY CO., NORTH TONAWANDA, N. Y. BUFFALO, N. Y., June 26, 1899.
Gentlemen:—I have made a thorough trial of your Ground Crushing or Mixing Machine and find that it is satisfactory in every respect. It has already paid for itself in the saving on labor. I can hardly see how any Florist can do without them. Yours very truly, JOS. H. REBSTOCK.

Read what other prominent Florists have to say from week to week.

The Florists' Supply Co., Box 56,
NO. TONAWANDA, N. Y.

Florists' ANY SIZE, ANY STYLE, LOWEST PRICES. Refrigerators,

Send us specifications of such a refrigerator as you need and we will give you figures which will mean a saving of from one-quarter to one-half in its cost. Also ask for our prices on any other supplies you need, always stating quantity and quality desired.

FLORISTS' PURCHASING AGENCY,
159 La Salle Street. CHICAGO.

THROUGH SLEEPERS TO BOSTON
on Wabash Continental Limited, leaving Chicago 12:02 noon, arriving Boston 5:50 p. m., next day. Also on Night Express leaving Chicago 11:00 p. m., arriving Boston 10:20 a. m., second day. Through sleeper to New York on both trains. Ticket office, 97 Adams street. Telephone Main 1619.

GOLD FISH and AQUARIUM SUPPLIES. Send for Price List.
KEENAN'S SEED STORE. 6112 and 6114 Wentworth Avenue, CHICAGO

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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Advertising rates: Per incn, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.
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SUBSCRIBERS are requested to mail us items of general trade interest at any time.

MASTICA

FOR GLAZING GREENHOUSES.

Proven superior to putty. Easier to apply and stays on. Not affected by extremes of weather. Endorsed by prominent florists. If out on sale by your dealer send for descriptive circular of Mastica and Mastica Glazing Machines, to

F. O. PIERCE CO., Sole Manufacturers, 170 Fulton St., New York.

Mention The Review when you write.

BUYERS' GUIDE.

For the convenience of our readers in looking up offers of supplies they may wish, we print the following classified list of same offered by our advertisers. To ascertain the page upon which the advertisement appears, consult the adjoining regular index to advertisers. For plants see classified advs.

Aquarium Supplies.

Keenan's Seed Store.

Boilers.

Gibbons, H. W.
Giblin & Co.
Herendeen Mfg. Co.
Hitchings & Co.
International Growers' Ex.
Kroeschell Bros. Co.
Lord & Burnham Co.

Carnation Supports.

Model Plant Stake Co.

Cut Flower Boxes.

Ellis & Pollworth.
Sefton, J. W. Mfg. Co.

Cut Flowers - Buffalo.

Kasting, W. F.

Cut Flowers - Chicago.

Amling, E. C.
Bassett & Washburn.
Bentley & Co.
Budlong, J. A.
Hunt, E. H.
Kennicott Bros. Co.
Lynch, W. E.
McKellar & Winterson.
Randall, A. L.
Reinberg Bros.
Wietor Bros.

Cut Flowers - Cincinnati.

Cincinnati Cut Flower Co.

Cut Flowers - Kansas City.

Maplewood Cut Flower Co.

Cut Flowers - Milwaukee.

Ellis & Pollworth.

Cut Flower - New York.

Cut Flower Exchange.

Cut Flowers - Philadelphia.

Baker, W. J.
Pennock, S. S.

Cut Flowers - Pittsburg.

Kasting, W. F. & Co.
Pittsburg Cut Flower Co.

Cut Flowers - St. Louis.

Berning, H. G.
Ellison & Tesson.
Kuehn, C. A.

Florists' Supplies.

Ellis & Pollworth.
Kasting, W. F.
Kuehn, C. A.
McKellar & Winterson.
Pittsburg Cut Flower Co.
Reed & Keller.
Rice, M. & Co.

Glass.

International Growers' Ex.

Glazier Points.

Dreer, H. A.

Greenhouse Building.

Gibbons, H. W.
Hitchings & Co.
Lord & Burnham Co.

Greenhouse Material.

Dietsch, A. & Co.
Lockland Lumber Co.
Moninger, John C. Co.

Hail Insurance.

Esler, J. G. Secy.

Hot-bed Sash.

Lord & Burnham Co.

Insecticides.

Skabeura Dip Co.
Tobacco Warehousing Co.

Jadoo.

American Jadoo Co.

Order Sheets.

Long, D. B.

Paint.

Chicago House Wrecking Co.

Piping.

Chicago House Wrecking Co.
Hitchings & Co.
International Growers' Ex.
Lord & Burnham Co.

Pots.

Detroit Flower Pot Mfy.

Powder Blowers.

McMorran, Edw. E. & Co.

Patty.

Lord & Burnham Co.
Pierce, F. O. Co.

Refrigerators.

Florists' Purchasing Agency

Soil Pulverizer.

Florists' Supply Co.

Sphagnum Moss.

Jewett, Z. K. & Co.

Ventilating Apparatus.

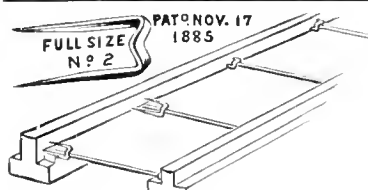
Hitchings & Co.
Lord & Burnham Co.
Quaker City Mch. Wks.

Wire Designs.

Ellis & Pollworth.
Hunt, E. H.
Kasting, W. F. & Co.
Kennicott Bros. Co.
Kuehn, C. A.
McKellar & Winterson.
Reed & Keller.

PLEASE SEND US a correct list of the names and addresses of the florists who receive their mail at your postoffice and thereby oblige.

IF YOU DO a wholesale business, you should not fail to have an adv. in the Florists' Manual, by Wm. Scott. Write for circular giving rates, etc.



THE VAN REYPER

Perfect Glaziers' Points

No rights or lefts. Price per box of 1,000, 60c; by mail, 75c; in lots of 5,000 by Ex., 65c per 1,000.

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

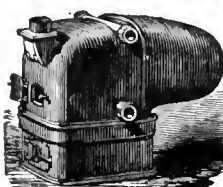
When writing mention Florists' Review.

Greenhouses Built and Heated

ECONOMICALLY AND PERFECTLY BY

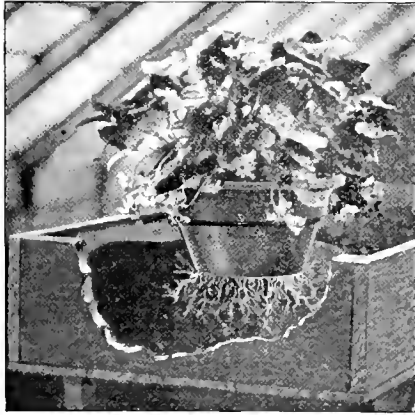
HENRY W. GIBBONS, 132 Liberty Street, NEW YORK. EXPERT ADVICE AND PLANS FURNISHED. ESTIMATES FREE.

Mention The Review when you write.



HITCHINGS & CO.
233 MERCER ST., NEW YORK.
GREENHOUSE BOILERS
PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue.
... GREENHOUSE BUILDING

PLANT PROTECTOR



Patent Applied for.
Illustrated Pamphlet on Application.

DETROIT FLOWER POT M'F'Y,

490 Howard St., DETROIT, MICH.

Mention The Review when you write.

ST. PAUL.

Trade for June was the best on record. Everything met with ready sales; the greatest drawback being the scarcity of stock during the first of the month. There is still quite a demand for roses, carnations, sweet peas, etc. But very little outside bloom of any description has been cut as yet and as nearly all inside plants have been thrown out the supply of good stock is limited. Some very nice Kaiserin and Meteor are being cut from newly planted stock, Perles and Testout are planted in limited quantities with an occasional bench of Pres. Carnot. This succeeds admirably as a summer bloomer and should be planted more extensively. Carnations are becoming very small and pinched in appearance and but few good blooms are seen.

The florists of the Twin Cities and their friends will picnic at Wildwood, on White Bear lake, on Tuesday, July 11. There will be all manner of games and amusements and a good time in general is predicted.

The next regular meeting of the Society of Minnesota Florists will be held at the Ryan Hotel, this city, the first Saturday evening in August, at which time plans for going to Detroit will be decided upon.

The Minneapolis bowlers are getting into shape again and expect to put up a fast game at the national meeting. The prospects for a good attendance from this section are very bright.

J. T. D. Fulmer and Mr. Marshall of Des Moines, spent a few days with the trade here two weeks since.

H. W. Buckbee of Rockford and J. E. Killen of New York, were also recent callers. Fred Nussbaumer, superintendent of our city parks, attended

EXPRESS WRITE FOR CATALOGUE.

GREENHOUSE MATERIAL

OF EVERY DESCRIPTION

JOHN C. MONINGER CO. 412 to 422 HAWTHORNE AV. CHICAGO.

Mention The Review when you write.

FLORISTS BOXES

THE J.W. SEFTON MFG. CO.

241-247 S. JEFFERSON ST. CHICAGO, ILL.

Mention The Review when you write

the national meeting at Detroit last week.

Hail, wind and rain have done quite a little damage in this section to greenhouse property, growing plants and shade trees. N. Y. Z.

AMERICAN ROSE SOCIETY.

A copy of the prospectus and the by-laws of the American Rose Society have reached us. The policy outlined in the prospectus is certainly broad and the earnestness of those who have assumed the task of making the society what it should be is beyond question. It seems strange that the rose, the most important flower to American commercial growers, should not until now have had a society devoted solely to its interests though the chrysanthemum, the carnation, and even the dahlia have been so honored.

Every one interested in the rose—and what florist is not—should do all in his power to further the work outlined in the prospectus of the American Rose Society. Copies may be had by addressing the secretary, Mr. Paul M. Pierson, Scarborough, N. Y. The other officers are: Pres., W. C. Barry, Rochester, N. Y.; Vice-Pres., Benj. Dorrance, Dorranceton, Pa.; Treas., John N. May, Summit, N. J.; Executive Committee: E. G. Hill, Richmond, Ind.; E. G. Asmus, West Hoboken, N. J.; N. Butterbach, Oceanic, N. J.; H. A. Siebrecht, New Rochelle, N. Y.; E. M. Wood, Natick, Mass.; Robt. Craig, Philadelphia.

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RIVERTON, N. J.

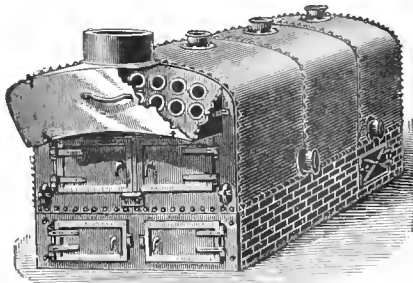
Mr. J. D. Eisele, manager of Dreer's nurseries, with his staff of men, who, when lined up at the potting benches remind one of a young army, has just completed the annual "clean up," which is looked upon by Mr. Eisele as one of the principal events of the year. To perform the work it requires the labor of seventy men for six weeks. There are between three and four hundred thousand seedling ferns potted off during this period, to say nothing of the acres of palms to be seen at this immense establishment. To the writer's own personal knowledge each and every plant on the place is handled during these six weeks.

A visit to this extensive plant now is time and money well spent, for in addition to the stock under glass there are acres of herbaceous stuff and a group of aquatic ponds in which may be seen the finest nymphaeas, etc., now in full bloom. RUPPERT.

CATALOGUES RECEIVED.

E. H. Hunt, 76 Wabash avenue, Chicago, wholesale cut flower price list; Dammann & Co., San Giovanni a Teduccio, near Naples, Italy, bulbs, roots, orchids, etc.; R. Vincent Jr. & Son, White Marsh, Md., wholesale price list of vegetable and other plants; John H. Ley, Good Hope, D. C., list of new and choice ferns; Pinehurst Nurseries, Pinehurst, N. C., American seeds of conifers, palms, trees and herbaceous plants.

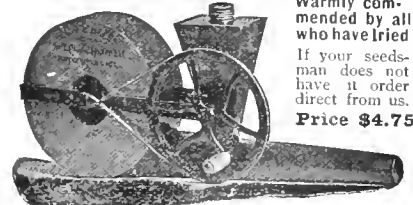
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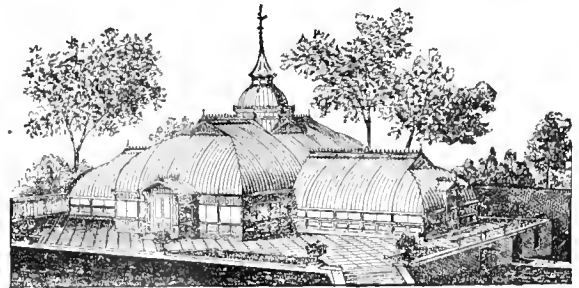
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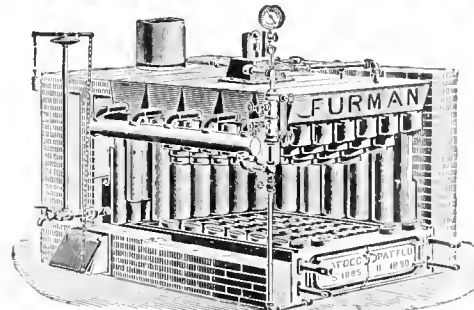
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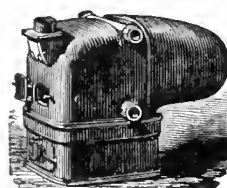
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THE WEEKLY FLORISTS' REVIEW

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Vol. IV.

CHICAGO AND NEW YORK, JULY 13, 1899.

No. 85.

AMONG CHICAGO GROWERS.

Reinberg Bros.

After the large additions made to Reinberg Bros.' glass last summer it was supposed that the brothers would be content for a while with their immense glass surface, but a trifle of 24 large houses, each 25x265, were built this summer, just to keep their hands in as it were, and it begins to look as though Anton Then's fears were not unfounded. Mr. Then's place is about half a mile south and last summer he was considerably agitated by a fear that the brothers would eventually build down to and over him. This sally excited a good deal of laughter at the time but the case begins to look serious.

We present herewith an engraving from a photograph of a part of this establishment, with 12 of the new houses in the foreground. The other 12 are to be seen at the left and a little back. The new houses are devoted wholly to American Beauties, and the

other picture shows the interior of one of the new houses. The young plants are certainly in fine condition and promise splendid results the coming season.

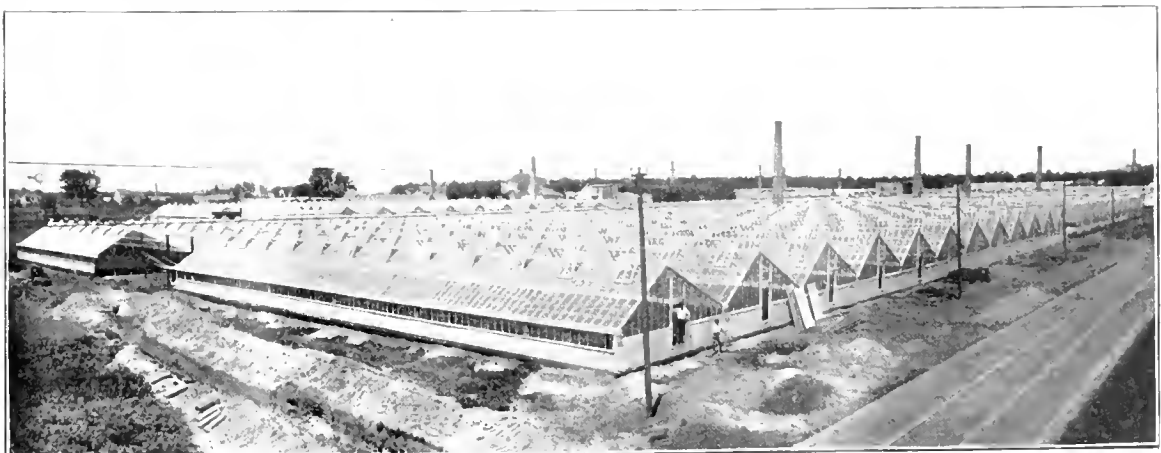
The brothers will this year bench no less than 86,000 Beauties, and in other roses they will have 37,000 Maids, 30,000 Brides, 18,500 Meteors, 10,500 Perles, 7,000 Kaiserins, 5,000 LaFrance and 5,000 Golden Gates. The space devoted to Beauties has been very considerably increased in proportion this year.

Carnations will also be given more prominence than heretofore. They have 300,000 plants now in the field in 23 varieties, and of these they intend to house for their own growing as follows: Triumph, 23,500; Evans-ton, 21,000; Jubilee, 12,500; Evelina, 11,000; Argyle, 8,500; Flora Hill, 8,500; Scott, 7,500; Mrs. Bradt, 7,000; White Cloud, 6,000; Daybreak, 5,000; Frances Joost, 5,000; Mayor Pingree, 5,000; Ar-mazindy, 5,000; America, 4,000; Mc-Gowan, 4,000; Nivea, 4,000; Gold Nug-

get, 3,500; Victor, 3,000; G. H. Crane, 1,500; Painted Lady, 1,000; Tidal Wave, 1,000; Gov. Griggs, 1,000; Melba, 500. The field carnations have been a little backward but recent favorable weather is bringing them rapidly forward.

This establishment is undoubtedly the largest range of glass in the world devoted exclusively to the production of cut flowers, and a walk through the corridors alone and merely peeping into each house is alone a serious task. The cut of flowers is of course enormous and a large double wagon makes two trips a day to the city salesroom at 51 Wabash ave., where Archie Spencer is in charge.

Though about 21 acres are already covered with glass the brothers have a total of 32 acres of ground and there is still room for expansion, though it will not be long before the land will be almost too valuable to use for greenhouse purposes, as the city has reached out to and beyond them and residences are going up on all sides.



Partial View of Greenhouses of Reinberg Bros., Chicago, with new range in foreground.

One can take the electric car that passes the place and ride to the heart of the city for a single 5 cent fare, though an hour is required for the trip. A quicker trip can be made by taking the train at Summerdale station, which is near by, and where are delivered on a side track the numerous

cars of coal required by the establishment. Last winter over 7,000 tons of coal were consumed in heating. They are particular about their fuel as they believe that good coal very materially increases the efficiency of the heating apparatus. Their principal reliance is a soft nut coal.



Retrospective.

The story of the large carnation boutonniere is known to a very few. Many florists dislike making them, because they are difficult and a bother when there is a rush of business in the store, but 'tis one of the best you can make, and is more responsible than any other element for the good carnations of today. The large boutonniere originated in Klunder's store eleven years ago. Diodate Thompson was Ward McAllister's right hand man and was active in all the functions of the "400" of those days. One day he came into the store and was loud in praise of a few Malmaison carnations he had seen in some private place near London. It was the eve of a great ball at Delmonico's and he wanted a very large carnation made up. The first bunch of Lizzie McGowans had just been brought in, the calyx and seed pod was taken from six of them, and each was made compact by a No. 36 wire; then they were put together solidly as one carnation and the stem made small enough for the button-hole. This boutonniere became very popular and was the favorite at all society events of those days, and to it Lizzie McGowan owes more than is generally known. It was a weak stemmed and bursted calyx flower then and was fit for nothing but "made up work." It is true it was the largest carnation on the market then, and the price (6 or 8 cents, I think) forbade its use as a funeral flower. It is today the best carnation for made up boutonnieres, to which fact it may still owe much of its existence.

What a revolution we have had in carnation culture the past twelve years. Hinze's White was the best white carnation then because of its stem, Grace Wilder was the most popular on account of its color, Anna Webb was the best crimson, the scarcity of But-

tercup was the cause of many a big fight, Hinsdale was a great favorite on account of its fragrance. Of course there were a few other kinds, but their appearance on the market was spasmodic. What a vast army of "novelties" have been on the market since then, and what a change has come over everything and everybody. Verily flowers are like humanity, blooming and bright today, faded and forgotten tomorrow.

Novelties.

We cannot help considering how important it is for the retailer to give a fair trial to novelties in flowers. Much of the success of new flowers depends on how they are handled and to what use they are put. There never was and never will be a sweeter rose than Madame Cusin for many forms of work; get them with spray and bud and nothing can equal them today. Where are the Cornelia Cooks we knew? Is the Bride rose the ideal white rose of today? Is the American Beauty the only large rose we are to see on the market? Is floriculture advancing on right lines when commercial flowers are being continually narrowed down? Let us go out to the growers today and see what they have planted for next season. Oceans of Bridesmaids, seas of Brides, fields of Beauties, acres of Meteors, patches of a few others. We should not blame the grower for what varieties of flowers come on the market; he grows only the kinds you will buy the quickest. We referred to this matter last week, and do so again because we know a great many of you can make money out of specialties. You are driving your trade into the peddler's hands by using only the same kind of stock he sells. The florist's business demands greater variety of flowers. This can be brought about only by leading retailers having things specially grown for

them. On the other hand, over-propagation and impatience on the part of the grower has resulted in a poor reception and early death of many a good rose and carnation. The New York cut flower market is a veritable "potter's field" for the world's floral novelties. Every mother considers her child the best; 'tis so with originators of new flowers, and it's not right to condemn all they say because it is they, particularly the persistent and go-ahead hybridizers, who are helping us to put our business on higher levels. Name your new flowers after your best customers, or give them suitable American names. There is a great deal in a name where flowers are concerned: let "Mary Jane" and "Susan Marie" be confined more to the kitchen garden.

"Liberty," Mr. E. Asmus' new crimson rose, promises to be the best new rose on the market for some time to come. Its color and its name is thoroughly American. We cannot say too much for it as a cut flower. One trouble with Mr. Taylor's new rose, "Admiral Dewey," is that it seems too white-livered for the name. It is a pretty rose under certain conditions, good for weddings or funerals or as an outdoor rose, but will not be a great success for table work. Whilst we are speaking of Dewey, his home coming may be the means of creating a national flower, and we would like to see the florists of the country demonstrate their patriotism by a great shower of flowers, or a grand triumphal arch across the junction of Broadway and Fifth avenue in New York. The event should be national and retailers should take active part in it. Let us climb above the level of self-satisfaction, where ambition seems satisfied to eke out a mere living by mechanically handling flowers. It is time we were united and that we did something to forcibly bring ourselves and our art before the eyes of the country, and we will never have a better opportunity than on Dewey's return.

Seasonable Flowers.

The finest flower on the market today is *Cattleya gigas*. They are not overplentiful, which makes them all the choicer. They will do for anything outside of brides' bouquets, and can be shipped long distances. Pack them so as they cannot move; soft white tissue paper is best to use. *Harrisii* continue to be very useful for funeral work; it looks as if we are soon to get these flowers all the year around. *Gardenias* are the swellest boutonniere, particularly at Newport. Florists' windows show very few flowers nowadays. Here and there we may see a bunch of hardy flowers; the majority of first class store windows exhibit a few choice plants and a handsome vase or two. Field daisies are used to good advantage in many decorations; the white ones make quite a pretty wreath which is very appropriate for a child.

Decorations.

The value of aspidistras shows best



One of the new Beauty houses at Reinberg Bros., Chicago.

in warm weather. They are a fine thing for extremes in temperature, and generally give most satisfaction to amateurs. Bronze leucothoe sprays are extra fine material for decorative work, but they must be in wreath design. They make a pretty little laureate wreath by tying a few sprays together on a wire. A very much better effect will be gotten if you use an open crescent, lightly mossed, and make it up good and full, leaving every other wreath open at the top. Suppose we have a long stretch of wall or balcony to decorate; if you place one of these wreaths alternately over loops of garlands the decoration will look artistic; have the garlands evenly hung and of some fine green material that will be a contrast to the bronze wreaths.

Electricity is destined to be an important item in future decorations. Storage batteries under the dinner tables and fairy lights in flowers are not new to New York, but they are likely to become more generally used. It is difficult to get colored glass shades to match flowers, but the colors can be gotten in silk and paper. The great trouble we have to contend with is the abominable and destroying colored lamp shades we are often compelled to submit to in the most aristocratic houses. Many of the wealthiest ladies in this country have the poorest taste or idea of art. Often we are made to use pink or salmon shades over catterpals, yellow on Meteors, or vice versa.

Just for the sake of a few dollars a table costing hundreds of dollars is spoiled, and we dare not say anything. The day may come—it's here now—when we will have our own shades to loan or sell in order to preserve the effect of our work, for the florist is blamed for all mistakes.

Renovating.

It's time to think about repainting the store. Don't make it gaudy, nor yet funereal. A good rich cream color with gilt trimming is best. A few choice flower photos or water colors on the wall look well, and whatever else is done hide all your unusable or unornamental traps such as wire-work, old baskets, etc., down in the basement. Even the poorest florist should aim to have his store always clean and inviting.

Out-Door Decorating.

There are times when the florist is called upon to supply ideas and material for all manner of decorations. This is specially the case at seaside resorts where Chinese lanterns are hung in the trees and electric lights are made to light up fountains, and it's well to keep posted on values and where these different goods can be obtained at wholesale. A memorandum book of such information is very valuable when one is busy. Very often a lot of money can be saved by just knowing how, where and when to buy.

Speaking of fountains, the most charming effects can be gotten from a well arranged and lighted fountain. It can be either permanent or temporary, and if you get a chance this summer make one. The best place to put it is on the wide veranda or in the court yard. Cover overhead with canopy of greens, make the whole like a grotto, cover the electric lights with one color glass or silk, hide the basin with green and arrange the lotos and colored nymphaeas as if they were growing.

In many of our notes we merely give a hint, knowing that is sufficient for many to work on. We shall be glad to furnish detailed descriptions when required. We expect to see the "Philippine" style of decoration popular here next season, in which phalaenopsis and many other grand flowers, natives of those islands, will form a leading feature.

IVERA.

CHRYSANTHEMUM NOTES.

Watering and syringing just now comprises the bulk of the work around the houses, and plants that are making good headway, more particularly those in pots, need lots of it. At the same time it is well to learn the art of frequent syringing without getting the bed too wet. When the soil is heavy it sometimes gets waterlogged and sour, and the plants will soon show it by the foliage getting pale and sickly. When you water a bed, do it well and don't do it again till the soil

shows unmistakable evidence of being dry. The sides of a bench often need water when the center is plenty wet enough. Briefly, watering is just a case of care and common sense, no matter whether a bench contains roses, mums, violets or anything else.

Pot plants need lots of looking after on a hot day to keep them watered, and it is often necessary to give them a ram round the sides once or twice after potting, as the soil parts company with the pot. When this happens if it is not attended to the water runs all down the sides of the pot, leaving the ball dust dry.

I think I mentioned before how much pots are benefited by being plunged in coal ashes, old tan or some other such material to keep them from drying out. All plants should be got into their final shift now, as soon as possible; the specimens into the large sizes and the small single stem stuff into 6-inch pots. Probably the small stuff suffers most of any in a dry time because

their root area is so small that you almost need to stand over them with the hose to keep them in a soft growing condition. Keep the surface of the soil in the benches stirred to keep the weeds down and the soil sweet. The same rule applies to plants put out in the open ground. It is no use working up a spasmodic interest in your plants about September when the flower buds are forming; the only way to be successful is to pay attention to every little detail right from the start, and always do things when they need doing. Never let your plants get eaten up with fly before you begin to fumigate, or have the plants lying all over the bench before you begin staking. The mum loves to be fussed with, and while few plants will stand so much abuse, none certainly give such a response to care and trouble expended on them. "What is worth doing at all is worth doing well," applies with fifteen different kinds of emphasis in growing chrysanthemums. BRIAN BORU.

perennials, including hollyhocks. From the difficulty in obtaining good plants of hollyhocks this spring they must have been in great demand, and why not? What is there for a suburban villa or country place, or against a wall or fence in the city, that will compare with it for stately beauty? The dahlia may be more delicate in form, but it is more stiff and formal, and where the hollyhock has the great advantage is that given sunlight, manure and a stake to keep the winds from breaking it down, it will do the rest. Any one can grow a hollyhock, but it takes a gardener's care and skill to produce good dahlias. And where water is scarce it is useless to try the latter unless we get a rainy season.

I think I can say without egotism that some twenty-six years ago I grew as fine hollyhocks as ever had the first prize card attached to them, and with most every shade of color. The seed was sown early in August, and when the first character leaf was developed they were transplanted into a cold-frame. In October they were potted into 4-inch pots and kept in the cold-frames till the end of November. During the very cold winter months they were kept on a shelf in a very cool greenhouse. In April, or as soon as the ground was dry, they were planted out in a stiff clay into which a lot of manure had been just dug. They were at their best in July, many of them being 8 feet high and 4 or 5 feet through. They received no water except the rain. If raising a lot of them I could save some labor with about the same results. I would plunge them into some material and keep them in the cold-frame all winter.

To those raising thousands, and who keep the plants in the field over winter, the above method may seem costly, but you will find your customers want a good effect quickly and are willing to pay for it; and if they sell well it is just as profitable and much more so, to grow good hollyhocks as good hydrangeas.

Other Hardy Perennials.

The best way to manage the hardy perennials which many of your customers will ask for in the spring is to sow them in flats and when large enough to handle transplant into cold-frames that you can thoroughly protect from very hard freezing. If sown in early August you will have them in the frames by middle of September. Then they will have time to make a good growth and be well established before hard freezing comes, and will be good plants to transplant to their permanent quarters as soon as the ground is dry in the spring. Choose a place for the frames where water will not lie during the winter thaws. I meant to observe above that with hollyhocks in particular be careful where you obtain the seed. There is much rubbish being offered as hollyhock seed. Get the best strain you can from the best houses and sow it in colors. You will be sure to find some one



Azaleas.

If your azaleas that are plunged out in the ground or in frames are drying out very fast a mulching on the surface will not only help them to keep a more even moisture, but it will greatly assist them in forming wood and buds for next year. It will also be of great benefit to metrosideros, acacias, hydrangeas, or any plants that are carried over summer in pots; but of especial value will it be to the azaleas. Half an inch of sheep manure will be good for the purpose, but if that is not available use cow manure that is not too fresh, to which add some bone meal; the quantity is not of great consequence, you can't very well overdo it as the bone does not come in contact with the roots.

An Insect Pest.

We are very much troubled here, and doubtless we are not alone, with a small, dun-colored moth, which, when resting on the wall, is a perfect triangle with the sides about half an inch long. I sent specimens of this pest to an entomologist, but got no reply. It is one of the worst enemies we have. It lays its eggs on the under side of the leaves of many plants, in fact it is an omnivorous vegetarian, but has a special liking for chrysanthemums. The egg is of course microscopic in size, but soon becomes a

worm half an inch long, then going into the cocoon state to begin again its cycle of existence. While in the worm state it eats up and disfigures many plants. Its sole virtue is that it will devour the leaves of the common dock, but as we don't produce a sufficient number of docks our Ivory and Bergmann suffer.

Destroying the moths at night does some good and hand picking the worms is sure death to those you discover, but tedious. We find that for the chrysanthemums syringing with Paris green and extract of tobacco is the only way to get rid of them, and it ought to be done every two weeks through the season. In 30 gallons of water we put ½ lb. of Paris green and 1 gallon of the Rose Leaf extract. The tobacco may have no effect on the worm, but it is greasy and sticky and makes the solution adhere to the leaves. I have tried the same solution on asters in the field that are being eaten by a small fly and with good effect. This is very much like the mixture that is being used to destroy the worm of the tussock moth, which is now destroying the appearance of thousands of our fine shade trees, particularly the horse chestnut and elm.

Hollyhocks.

The end of this month is an excellent time to sow seeds of many hardy



New Canna Tarrytown.

who will want a particular color, or who objects to some other.

The hardy perennials I alluded to for present sowing are aquilegia (columbine), of which there are some grand species and varieties; the Canterbury bells, digitalis (fox-glove), daisies, coreopsis, delphiniums, Gailardia grandiflora, Iyehnis, Dianthus barbatus, rudbeckia, scabiosa and many others.

Pansies.

The florist whose place is limited cannot afford to grow pansies by the acre and sell them at \$2.00 a hundred, but if you do have to grow any in the field without the protection of glass they should be sown by the end of this month so they can be transplanted early and make strong little plants before winter sets in. There were hundreds of thousands of pansies frozen out in Western New York the past terrific winter. A covering of hemlock boughs would, I believe, have saved the great majority of them, even if not put on till New Year's.

WM. SCOTT.

NEW CANNA TARRYTOWN.

We are pleased to be able to send The Review a fine illustration of the new canna "Tarrytown," which we consider one of the finest in cultivation. The picture shows a charming corner in the nurseries of the F. R. Pierson Co., at Scarborough, N. Y., and the cannas shown are all of the variety we mention.

It is a superb canna in every way, splendid for bedding, because it is sturdy and dwarf, magnificent in effect, for its flowers are produced in great plumes of charming red, which, when massed, are sufficient to cause

deep contemplation and profound admiration. We have had considerable experience with cannas before, and from the World's Fair to the time we compiled the list for the American Florists' directory we have seen hundreds of varieties grown side by side with this kind, but for general effect, and all that goes to create and enhance beauty, give us "Tarrytown."

IVERA.

RUBBER TREES.

Will you please tell us how to shorten up some rubber trees that are getting too tall for convenience. They are five feet high and growing very fast. Can we stop them as we do chrysanthemums? If so, how high above the pot should they be cut? Can we root the piece taken off? If so, how? We see something in the florists' papers about this once in awhile, but nothing explicit. J. W. M.

You can shorten the rubbers where you choose. If 5 feet high and you cut out only the last made joint they are liable to break only at the last three or four eyes and leave a long, bare stem. If you cut off 2 feet then they will eventually make a better looking, busy plant.

The eyes of the figs do not break as quickly as some of our soft-wooded plants or many trees, but they do send out their lateral growths if nipped at the top.

If you will shorten the plants about 18 inches or 2 feet you can easily make a fine young plant of the top that is cut off. The surest and easiest way is to cut the stem upwards and inwards till the stem is about half severed and the cut 2 inches long. Put a small piece of wood in the cut

to keep it open $\frac{1}{8}$ or $\frac{1}{4}$ of an inch, fill in the space with sphagnum moss and then tie the same material around the stem where cut till you have a lump about as big as a duck's egg. Keep the ball of moss continually moist. In 6 or 7 weeks you will see roots protruding through the moss. In about 7 or 8 weeks they will be fit to sever from the plant, cutting off just below the moss. Pot the new plant at once and keep away from strong sun and draughts for the first three or four weeks. WM. SCOTT.

DETROIT.

We will in this article take a trip to Log Cabin Park and Pontiac; so let us go to our starting point, the City Hall, and catch a Woodward avenue car, marked Log Cabin, and one that is open on all sides, with nothing to obstruct the view. We spin northward upon the finest residence street of the Convention City. A few blocks from our starting point and right in the heart of the city we pass through Grand Circle Park, containing six acres, lying on both sides of the avenue. This beautiful spot is only two blocks from the convention hall.

Now we leave the business portion of the town and are flying past fine residences and large lawns of velvety green, for these are the homes of the wealthy; many of them counted among the millionaires, but good public spirited citizens for all that. After reaching the city limits, if any are so inclined they may stop off at the greenhouses of Mr. F. Holznagle, who as a rose grower is given the first place by all of his fellow craftsmen in the city. His place is always in good order.

From here out we pass through country scenery until we reach Log Cabin Park, which consists of 132 acres, presented to the city by the Hon. T. W. Palmer. In all probability a trolley party for the ladies and those not interested in bowling will be arranged for Friday to take in this park. Here is the famous log house for which the park was named, and which contains many ancient relics over 100 years old; showing the tastes and occupation of the older settlers of Detroit. The park board have made many improvements upon a portion of the park, consisting of an artificial lake, a cascade of rock and have planted a nursery of various shrubs, etc., for the growing of its supplies for the various parks and boulevards.

But to me the chief beauty of this spot is the natural part of it, in which one finds cool, refreshing shade amidst the great trees of the forest, under which at one time Chief Pontiac was wont to lead his braves, and after whom the city of Pontiac was named. Pontiac, with its numerous lakes and hills finishes our trip. Here we may visit the greenhouses of the Pontiac Floral Co., quite an extensive establishment. Just outside the limits is

located the Michigan Military Academy, in which the flower of the youth of the state are educated. This trip can be taken entire in about five hours and will cost 50 cents for the entire trip; but Log Cabin Park can be seen in one and one half hours, and the cost is two street car tickets—and speaking of street cars reminds me that the Convention City has the best system of street cars in the world with six tickets for a quarter and transfers over nearly all lines, so the cheapest way is to buy tickets.

Now, a word about the trade exhibit. There are at the present writing but two tables left unsold, one 5x26 and one 6x38; but have partly sold the one 5x26, so those intending to make an exhibit should do so at once and it will greatly assist the superintendent in his work to do so at once, as he will be a very busy man later on, but has engaged a stenographer and typewriter for the week of the convention, so hopes to live through it. Address all communications regarding the trade exhibit to G. A. Rackham, and all other matters to R. Flowerday, secretary of our club.

The president of our club, Mr. Breitmeyer, is getting a reputation as a fine decorator, for he was called to the Upper Peninsula to do a job for a new church the past week. Mr. H. Pickworth, one of our steady members, was married on Thursday, June 22d. He has the best wishes of the club.

RAG.

NEW YORK.

The members of the New York Florists' Club, their wives, sweethearts, sisters and cousins, will (if President Plumb can have his way) have a jolly good outing somewhere this summer. Steps will at once be taken to make all arrangements and we hope to be able to give particulars by next week. This is altogether very pleasant news to a vast majority of New York florists, who can neither afford to go to Maine on a fishing tour, nor yet to Europe to see nonsense. If there is anything that can cement friendship or bring about a better feeling among all the rivalry in our business here, it is social gatherings. We have never had a good florists' outing in New York; this one will be a tremendous success if certain noses are not carried too high in the air. If the expense is made to suit the majority and if the club does not wrap itself up in an already unbecoming narrow and threadbare garment called "stuck on itself."

There are nearly one thousand men within 100 miles of New York City who are anxious to belong to some society with its headquarters in New York. Sooner or later (and sooner) the majority will rule. Yes, let's have our picnics and our outings, and conventions and exhibitions, and better understandings; they all make better men of us. Sure, there are a few who have made money in the past; put these men on a level with the beginners of today and they would starve.

The cultivation of flowers should place every man on a level. If a man is elected president of the S. A. F. or any other society, he has no right to suffer from swelled head the rest of his life. It's simply cruel, nay, barbarous, to elect a man with such a disease. American floriculture (we would rather say horticulture, because most of us eat vegetables and fruits) admits of no class, recognizes no royalty. My dear friend, President Plumb, of the New York Florists' Club, let us have a good big florists' outing in New York City this summer; let the girls take a prominent part in it, and great will be the result!

The committee on transportation to Detroit will meet during the week, to consider plans and routes for the trip.

Capt. O'Mara, of the Bowling Club, would like to hear from those intending to attend the convention, in order that a higher mortgage could be placed by his team on the prizes at Detroit.

We are very often personally requested not to publish the names of trade visitors to New York, and I take it that their requests are made because The Review has a way of getting to places other papers have not, and you know some people have secret missions to attend to and New York is often the place they get lost in. Whenever there is a good thing growing around here you're sure to see lots of spies and visitors, from the west, particularly. Robert Craig and E. G. Hill have just left for home, and whatever they endorse in the near future—well, it's good, that's all.

James Dean is still enjoying farming at Babylon. It encouraged everybody to see him attend the meeting recently held here to make plans for the S. A. F. He was unanimously appointed a committee of one to wait on Governor Roosevelt on a matter pertaining to the club. Mr. Dean informed your correspondent that he had purchased a place at Freehold, L. I., where he intends to establish his son in business. Mr. Dean's son is serving a semi-apprenticeship under J. N. May, at Summit, N. J.

Some of the boys are getting tired of the wholesale florist business. We hear Peter MacDonald is away fishing and making his mind up what to tackle next.

Then we are told that Howard Blauvelt will get out to go drumming. Some of the others might make a better living at something else.

By the way, are we going to close at 4 p. m. or not? The fellow who signed first and broke away first has not benefited much by it. What's a 25-cent order to do or to compare with one's word of honor?

Flowers that are good salable flowers, are getting scarce, even Harrisii are slackening up, and water lilies, with the exception of those from Rockland Lake, are of very poor quality. Sweet peas have a better chance, in consequence, Carnations are becoming poorer and scarcer. Roses are—ausgespielt.

John Young is getting in very fine *Cattleya gigas*. Market prices are up and down according to weather. Roses in lots, 25 to 50 cents per 100; Maids and Brides, extras \$3 per 100; Meteors, good demand, 2 to 5; Beauties, scarce, 12 to 25; Valley, plentiful, 1 to 2; cattleyas, 40; smilax, 10; sweet peas 4; carnations, 35 to 50; fancy, 2 to 3.

Bowlers, why, of course they were there. Never mind the humidity; it's the anti-humidity they look at.

P. O'Mara	124	130	165	152
W. H. Siebrecht	134	137	161	143
T. Roehes	137	154	155	137
A. Burns	155	173	158	169
F. L. Atkins	150	127	139	147

Mr. A. L. Burns and wife intend to spend their vacation at Shelter Island. Their daughter is away among the green hills o' Europe. IVERA.

BOSTON.

The Market.

Outside of a little funeral work there has been but a light demand for flowers of any kind; even the fakirs seem disgusted with the business and a portion of them has shifted from flowers to fruit.

Roses seem to be in ample supply, as regulated by the demand. Brides and Maids are now down to their summer size, and show lots of mildew and sell hard—quotable at from \$1 to \$6 per 100; Kaiserins are not plenty, and good ones bring from 8 to 12½ cents; Meteors scarce, from 4 to 6 cents; Beauties also scarce, no change in quotation. Carnations still coming in large quantities, average price from 35 cents to \$1 per 100; strictly fancy a trifle higher. A few Fishers, from out of doors, have made their appearance, but cannot, as yet, compete with Hill and John Young from the inside. Feverfew, sweet alyssum, candytuft, etc., plenty. Sweet peas are more in evidence, but of poor quality; held at 35 and 40 cents per 100. A few early asters have made their appearance this week, but are small and not attractive; 50 cents per 100.

The Saturday Exhibition.

The exhibit this week was a prize day for hollyhocks, phloxes and native plants, but was a little too early for a first-class show of both the specialties. Prizes were awarded to the following: Collection of native plants, first, Miss Alice Grinnell; second, Mrs. W. S. Eager; third, Miss Edith Noyes. Hollyhocks, twelve blooms, twelve colors, double, second, estate of J. S. Fay; six blooms, to same; second, to same. Collection of perennial phlox, first, Rea Bros. Vase of seasonable bloom, first, Mrs. E. M. Gill. Gratuities were awarded to Mrs. Gill and W. N. Craig for displays of seasonable bloom; to Norris F. Comley for a collection of *Iris Kaempferii*; to E. J. Methor for a nice plant of *Cattleya Gaskelliana*; L. F. Kennedy and James Comley for collections of *Rhododendron maximum*; Mrs.

John L. Gardner for a display of holly-hocks; and the estate of J. S. Fay for roses, who also received a first class certificate for a seedling of Wichuriana crossed by Bridesmaid.

The News.

The extensive greenhouses, known as the Shaw place, at Newtonville, Mass., which have been run by Mr. W. H. Elliott for several years, have changed hands, Mr. Elliott's lease having expired. Mr. W. F. Kimball is the new proprietor, with John F. Pritchard as superintendent, the latter having been Mr. Elliott's foreman for some years. They will grow roses principally, for Boston market. M. J. Costello will represent them in the market.

T. F. Galvin and family have gone to their summer home at Siasconset.

P. L. Carbone, the Boylston street retailer, has gone for a two months' trip to Europe. He is accompanied by his sister.

Frank Houghton, of Houghton & Clark, has gone to see his aged father, in Nebraska, and Tom Clark, his partner, is making a round of the western cities.

H. N. Eaton, of South Sudbury, has just completed a new carnation house, 160x30 feet. P.

BUFFALO.

Everybody is feeling better. We have had two good showers with the accompanying fall of temperature and cloudy moist days, which may be inconvenient for the wheat harvest but most healthy for Mayor Pingree and Mrs. Bradt, who have been blistering in the sun for the past two months. Both being temperance people and objecting to artificial irrigation, they suffered all the more. Pingree in the worst days said, "I'll have things different when I'm in the White House." Mrs. B. sportively answered, "Shut up your municipal ownership face; you're yellow. In my state of Indiana we think nothing of this little dry spell." And sweet Flora Hill blushed to hear such vulgar exchanges, and remarked that it would be more fitting if all were to pray that White Cloud would begin the precipitation act.

The florists one and all close at 6 p. m., except on Saturday. They began on Saturday, July 1st, and have faithfully kept the agreement, all but one, and he did not enter into any agreement, so nothing can be said. He possibly believes in the reverse of the old proverb and thinks it's the late bird that gathers the worms. There will be a petition presented to him shortly stating that the rest of the trade have not the slightest objection to his keeping open till 10 o'clock if he chooses, but to please let his help have the evenings to themselves for two short months, so they can take a ride to Crystal Beach and enjoy Lake Erie's cool breezes.

Business is of course very quiet. If it were not for the good people dropping in with their checks we should

have the blues, although there is too much work ahead for that.

Sweet peas are king just now and some grand flowers of the newer kinds have been shipped us by Jerry Brookins, of Orchard Park. No wonder sweet peas are favorites. The shades of many are grand and those who stick merely to the three or four old varieties are not in it.

The crop of drummers is dried up, and Arnold Ringier was the only one to call of late. His curly locks surround a very lively batch of grey matter, and he looks so clear and bright that the writer asked him if he had joined the Y. M. C. A. of Chicago. He said, "No, but I was elected an honorary member of that and several other societies whose tendency is toward high morals and total abstinence." W. S.

CHICAGO.

The Market.

Trade is keeping up very well indeed for the season, and the demand is sufficient to take all the stock sent in and at fair prices. Of course the supply is not large, but there seems a better, steadier demand for what there is than for some years past. Quality is about as usual at the season, though in some cases Brides seem rather better. Kaiserins are very good. The second crop of Beauties from young plants will be in with several of the growers in a week or so. There is no material change from last week in prices.

Club Meeting.

At the meeting of the Florists' Club last Friday evening the committee on transportation to the Detroit convention reported that very satisfactory arrangements had been made and that the party will be well taken care of. It will really cost less to go to the convention than to stay at home. Florists in the west and northwest will be invited to travel with the Chicago party and will receive the benefits of the special arrangements made by the club.

An invitation from the Twin City Floral Co., Benton Harbor, Mich., for the club to pay Michigan a visit the following Wednesday was accepted, and the entertainment committee instructed to perfect arrangements.

A handsome book on Philadelphia was sent the club by Mr. Chas. D. Ball, Holmesburg, Philadelphia, and a vote of thanks was given him for his kindness. Mr. McAdams, with Baker Bros., Ft. Worth, Texas, was a visitor, and reported greatly improved business conditions in the Lone Star state.

An invitation from Heim Bros., of Blue Island, asking the club to visit them the latter part of this month, was accepted.

Horticultural Society.

At the regular quarterly meeting of the Horticultural Society at the Sherman House on July 8th, eleven new

members were elected. A discussion was had on the coming exhibition which is to be held in November in the Auditorium theater, when the theater and stage will be doored over.

It was announced that all the lower boxes in the theater will be given up for booths to be used for bazaar sales by different prominent charitable societies, as the Women's Exchange, which will have the light refreshments, etc.; the Service Club, of young Chicago ladies, who will have the flower booth; the McCowan School for Young Deaf Children, the Lying-in Hospital, Margaret Etter Creche and the Visiting Nurse Association.

Various Items.

The Florists' Club was favored with a very pleasant day for its excursion to Benton Harbor, Wednesday. There were about fifty in the party and it was a jolly crowd that waved farewell to the stay-at-homes as the City of Milwaukee left its dock.

Mr. W. C. Egan, secretary of the Horticultural Society of Chicago, left last Wednesday evening for a trip of several weeks through the East. He will visit the leading parks, botanical gardens and nurseries where hardy plants are a feature.

Bowling.

The trip to Milwaukee proved to be a most enjoyable affair, and as the Chicago boys won each of the three games played they were well satisfied with the results. The names of those in the party appear in the report of the scores, except Mr. W. N. Rudd, who did not bowl, but found plenty of amusement just the same. The party left on the 5 p. m. train and reached Milwaukee at 7:15, where they were met by the Milwaukee boys and escorted to the Plankinton hotel, where the alleys were situated. The Chicagoans were presented with everything movable in the Wisconsin city and are loud in their praise of the hospitality showered upon them, and especially mention the efforts of Mr. C. C. Pollworth to make them happy.

The games started promptly at 8 p. m. and were finished before midnight. Following are the scores:

CHICAGO.

Geo. Asmus	147	136	138
Jno. Degnan	128	...	143
P. J. Hauswirth	141	139	133
Ed. Winterson	155	143	164
F. Stollery	145	139	136
C. W. McKellar	128	139	124
C. Balluff	138	103	156
G. Stollery	165	115	143
A. Lange .....	...	96	...
Totals	1,150	1,010	1,137

MILWAUKEE.

C. C. Pollworth	156	155	211
J. A. Evans	100	91	...
O. Sylvester	90	147	124
B. Gregory	134	97	118
Mathers	113	135	89
R. Currie	165	109	94
H. Holton	80	...	91
Mathieson	161	114	112
Jno. Dunlap .....	...	109	107
Totals	999	957	946

The Milwaukeeans had provided two

prizes, a handsome clock for highest individual score and a clay pipe and package of tobacco for the booby prize. Both were won by Milwaukeeans, the first by Mr. Pollworth, with a score of 211, and the second by Mr. Holton, with a score of 80. Mr. H. endeavored to get revenge on one of the Chicago party by inducing him to smoke a pipeful of the tobacco. C. B. Whitnall acted as referee and only two fouls were called.

The party returned to Chicago on the train leaving Milwaukee at 4:20 a. m., after having been royally entertained by the Milwaukeeans in the meantime. It is probable that the Chicagoans will have an opportunity to welcome the Milwaukee bowlers to this city at an early date.

After the last club meeting three games were rolled. The scores and averages follow:

	1.	2.	3.	Av.
Ed. Winterson	119	172	159	150
W. Kreitling	131	127	138	132
P. J. Hauswirth	141	128	120	130
Jno. Degan	119	133	124	122
C. W. McKellar	109	154	87	120
A. Henderson	106	87	...	101

ST. LOUIS.

The Market.

The market is still very quiet, although the demand is sufficient to consume all the first class stock that comes in. The best quality of roses come in in limited quantities and are from young plants; the old plants having been thrown out. This stock looks good, though a little soft.

Brides and Maids bring \$4; Perles, \$3. Beauties are very short in supply and the demand good; first quality bringing \$3 per dozen. Carnations are in fair demand; the bulk of them are small and bad in color; good red sorts very scarce. The best are going at \$1.50, a good price for this time of the year; the second choice bring 75 cents and \$1 per 100.

Of the outdoor stuff sweet peas are still a glut; the best of them go at 25 cents per 100; the bulk of them at 10 and 15 cents. Cornflowers are 25 cents. The blue has the preference, the other colors are hard to sell. Gladiolus and tuberose stalks are selling at 5 cents each; asters are not yet plentiful, \$2 is asked for the best, \$1 for the small ones; smilax is quite plentiful, but no demand; \$10 and \$12.50 is the price asked.

July 4th all the florists closed up to celebrate. This is one of the holidays when we are not in it.

Various Items.

The wives of Carl and Robert Beyer surprised their husbands by giving them a surprise party on the night of the 4th. A number of florists and their wives were invited, but, owing to the rain, only a few of them came. Your correspondent, accompanied by his wife, went out to see the fun, and we had it good and plenty. The display of fireworks was grand and the Manhattan orchestra delighted all with excellent music; singing, dancing and

plenty of refreshments of all kinds were on hand. Carl and Robert were so surprised when the crowd came that they were speechless for the rest of the evening. The dancing was kept up until early in the morning, when everybody went home expressing themselves as having had a splendid time.

The Common Floral Co., doing business at 4228 Olive street, will hereafter be run by Chas. L. Connon. Chas. Connon, Sr., and John Connon will run the greenhouses at Webster Grove under the name of Connon Floral Co., growing cut flowers for the wholesale market. They are making extensive alterations, remodeling all their old houses.

The Jordan Floral Co., after a business career of thirty-five years, have decided to retire. J. M. Jordan, the head of the company, has been sick for the past year, and at a meeting of the stockholders, a few weeks ago, decided this to be the best plan. J. M. Jordan first started in St. Louis as a tree agent for the old Phoenix nursery. After a few years he started a store at 612 Olive street, under the name of J. M. Jordan, being at the same time connected with the tree selling firm of Jordan, Goodhue & Bros. After ten years Mr. Jordan organized the Jordan Horticultural Co., at the same stand, doing a general seed, cut flower, plant and nursery business. Later this company was absorbed by the Jordan Floral Co. In thirty-five years Mr. Jordan only moved twice, from 612 Olive street, the first location, to 706 Olive street, then to the present location, 822 Olive street, only two blocks away from the old stand. Those who were employed by Mr. Jordan during the thirty-five years and who are well known to the craft are as follows: Will Cook, Cincinnati, O.; John Davis, Denver, Col.; Fred C. Weber, J. J. Bencke, Harry Rieman, John M. Hudson, James Arado, F. J. Fillmore, Pat Quinn and John W. Kunz, St. Louis; Wm. F. Kasting, Buffalo; Wm. A. Hanft, New York City, and the Newetts, of Chicago. The above will agree with me when I say that Mr. Jordan always had a kind word for everybody, was a good, conscientious business man and well liked by his employees.

Fred Ammann, of Edwardsville, is cutting fine Perles from his young plants. Fred is still king of the Perle growers.

Henry Ostertag is remodeling his store with new paper and paint; also is putting in a large new ice box. The old place looks very attractive.

Tom Carroll will leave this week for California on the advice of his physician. Tom has hopes that his eyesight will return, and we all hope so, too. Our best wishes go with him.

Henry Berning returned Monday morning and reported that he would open a branch wholesale house at Indianapolis, Ind., about September 1.

Ellison & Tesson have given up one of their stores, the one under the Century building.

James S. Wilson, of Chicago, is in town for a week's visit with his mother.

Bowling.

July 15 the members of the bowling club will take the Evans Challenge Cup out of the big vaults of the Union Trust Co., and have it polished up ready for the battle. The cup will be on exhibition down town until the time comes to leave for Detroit. The boys have already received their instructions—not to return without the cup. Should we not be able to win it this year, we would like to keep it in the West. Chicago or Omaha would take good care of it, and nothing would please us better.

The bowling club had a fine cool night for rolling and nine members were at the alleys. Some very good scores were made, still there is room for improvement. Charlie Kuehn, as usual, did the best rolling, making an average of 178 in four games. The scores were as follow:

	Tot. Av.					
C. A. Kuehn	169	203	175	165	712	178
J. W. Kunz	191	149	143	133	616	154
J. J. Bencke	154	128	156	124	562	141
John Young	116	120	187	187	492	141
C. C. Sanders	114	131	170	145	438	138
F. H. Weber	153	154	109	116	532	133
F. C. Weber	146	113	134	393	131	131
F. J. Fillmore	122	113	137	143	515	129
Emil Schray	103	140	139	128	510	127

J. J. B.

TARRYTOWN, N. Y.

The regular monthly meeting of the Tarrytown Horticultural Society, was held in the Vanderbilt building, Main street, Tarrytown, on Thursday evening, the 29th ult.

The secretary read a communication from the New York Florists' Club, asking the society to sustain them in the invitation which they are to extend to the society of American Florists. The members present were unanimous in wishing the club success in its wooing. Should the S. A. F. see fit to hold their next annual meeting in New York, we can assure them that they will find an excellent host in the New York Florists' Club. There is much to see and learn horticulturally in New York and its vicinity, and seeing the good which they already have done, will undoubtedly be a benefit to all concerned.

The secretary stated that he had received promises aggregating over \$400 from different residents as a prize fund for the chrysanthemum show in November. He expects to collect twice that sum, however, before that time; so a good show is assured. The business of the evening was the drawing up of a schedule for the said event; copies will be ready soon, and may be had on application to the secretary. Before the President's gavel called the meeting to order everybody was busy discussing the terrible damage, resulting from the hail storm which passed over this place about a week ago. Hailstones fell for about twenty minutes; some weighing over three ounces and measuring five inches in circumference. In our own case we were

busy in the rose house, when the first of the hailstones began to fall, our first impression was, "that the scene of operations had been suddenly changed from the Philippine Islands to the Hudson valley. A falling pane of glass came in very close proximity to our nose and soon they came so thick and fast, that we concluded living in a greenhouse was no longer safe. So we hurried to a place with a stronger roof to contemplate the seriousness of the situation. The following are a few of the losses as near as can be estimated: F. R. Pierson Co., \$3,000; Miss H. M. Gould, \$3,000; Cooke & McCord, \$1,200; H. W. Webb, \$1,200; Chas. Graef, \$1,000; Louis Stern, \$500; John T. Terry, \$200; J. Eastman, \$100; Major Hopkins, \$100; and many others. JAS. T. SCOTT.

SOIL CRUSHER.

The soil crushing machine offered by the Florists' Supply Co., of North Tonawanda, N. Y., has been used by a number of florists in the vicinity of Chicago, who pronounce it one of the most valuable labor saving devices they have ever had.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR SALE - A bargain, if taken at once. \$450.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

FOR SALE OR RENT - Four greenhouses and dwelling; good retail stand. A. Claus, Springfield, Ill.

SITUATION WANTED - By a first class plantsman, palm and fern grower; to take charge; references. Address O. P. 2, care Florists' Review.

SITUATION WANTED - An up-to-date cut-flower artist, designer and decorator, second to none and a good salesman, now with one of the best firms in the country, wants to make a change; best of reference. For full particulars, address E. V. O., care of Florists' Review.

FOR RENT - About 90 x 103 ft., my Greenhouse business, consisting of six houses and barn, located in a well settled part of Chicago; doing a good retail trade. (Design work.) For rent on account of sickness. Apply to Chas. Held, 922 North Campbell Ave., Chicago.

TO RENT - Five Greenhouses, heated by steam; city water; cheap rent. Call at A. J. Harms, Agent, Cor. Berteau and Western Aves, Harms Park, Chicago, Ill.

NEW PANSY SEED.

	Per oz.	Per lb.
Mitting's Giant Flowering.....	\$4.00	\$50.00
" " Sky Blue.....	2.00	25.00
" " Purple.....	2.00	25.00
" " Yellow.....	2.00	25.00
" " White.....	2.00	25.00

50,000 Primulas and Chieriaris ready Aug. 1st. The Morris Floral Co., - Morris, Ill.

Mention The Review when you write.

Pansies WORTH RAISING....

Excellent Seed, 3-16-oz. \$1.00, 1-oz. \$1.00. Cash with order.

C. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J. Mention the Review when you write.

PANSIES The Jennings Strain. New crop, finest mixed. \$1 per pkt.; \$6 per oz. Cash with order. E. B. JENNINGS, Grower of the Finest Pansies. Lock Box 251, Southport, Conn.

Choice Rose Plants FOR SALE BY.... Bassett & Washburn.

1,000 Beauties, just been potted up in 3-inch pots, price \$6.00 per 100.

1,500 Brides,	2-inch pots,	\$3.00 per 100.
1,500 Brides,	3 "	5.00 "
7,000 Bridesmaids,	2 "	3.00 "
1,500 Meteors,	2 "	3.00 "
1,000 Meteors,	3 "	5.00 "

The above stock is all strictly first class.

No orders for less than 100 plants accepted at these prices.

Plants will be shipped from our Greenhouses at Hinsdale, Illinois.

Bassett & Washburn,
76 Wabash Avenue, - - CHICAGO.

Mention The Review when you write.

Greenhouse Woodwork

Open-air-dried Cypress Lumber is more durable, and better suited to Greenhouse conditions than kiln-dried stock. But you cannot get it from those that are engaged in the business in a small way - even though their entire business is confined to greenhouse material - for it takes a long time for the lumber to thoroughly dry and this means an investment in lumber that only those of large capital can make. The only way to have air-dried lumber is to buy green lumber and hold it until it dries. Those that order dry lumber from the producers of Cypress get kiln-dried stock. It is cheaper for them to kiln-dry than to hold the stock long enough to season it in the open air. We carry a large stock and fill all orders with open-air-dried Cypress clear of knots, sap and all other defects.

WRITE FOR CIRCULARS OR ESTIMATES.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

M. RICE & CO. NEW ILLUSTRATED CATALOGUE FOR THE ASKING.

Exclusive Importers and Manufacturers of **Florists' Supplies**

918 Filbert Street, PHILADELPHIA, PA.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CATALOGUES RECEIVED.

R. Vincent, Jr. & Son, White Marsh, Md., wholesale price list of vegetable and other plants (hardy and annuals); B. Hammond, Fishkill-on-Hudson, N. Y., bordeaux mixture and greenhouse paint; American Rose Co., Washington, D. C., 1899 carnation seedlings; E. H. Krelage & Son, Haarlem, Holland, wholesale bulb list; McKellar & Winterson, 45-49 Wabash avenue, Chicago, florists' list of fall bulbs, seeds, supplies, etc.; W. A. Brotherton, Rochester, Mich., Michigan wild flowers; James Vick's Sons, Rochester, N. Y., Vick's special wholesale price list of fall bulbs.

OUR CLASSIFIED ADVS.

This new department inaugurated by The Review has proved to be a great convenience to both buyer and seller. The buyer is naturally attracted because he can easily find what he may be looking for, and the advertiser is benefited by the certainty that his offer will surely be seen by the possible buyer, and not overlooked as may happen when mixed among a lot of other matter.

COLORADO SPRINGS, COL.—The El Paso County Horticultural Society has been organized with 100 members and officers as follows: President, Wm. Clark; first vice president, Edward Gray; second vice president, H. C. Harris; recording secretary, H. L. Bennett; corresponding secretary, Mrs. C. J. Tiffany, and treasurer Mr. Edgar King. The first business undertaken by the society is the holding of a flower show in August.

MIDDLETOWN, CONN.—H. C. Beebe is busily engaged moving his greenhouses to Ferry street, where he will have a much larger and better equipped place and in the future will grow carnations as well as a general stock for retail trade.

MARION, IND.—J. W. Bernard has purchased the business of Henry Michel and will continue same.

MINNEAPOLIS, MINN.—Of the new greenhouses at the State School of Agriculture the main building will be 50x100 and there will be a laboratory and potting shed, 25x100.

COLUMBIA CITY, IND.—D. C. Noble has a night blooming cereus about six feet tall and which now has nine buds ready to open.

WAVERLY, IA.—P. A. Case is starting in business here with one house, 26x60.

FALLS OF SCUYLKILL, PA.—Mr. John Parry has a Crimson Rambler rose that this season bears 9,600 blooms.

HUNTSVILLE, ALA.—The floral parade has reached us and one two miles long entered into our Fourth of July celebration.



51 Wabash Avenue,

W. S. HEFFRON, Mgr.

CHICAGO.

PRICE LIST--Taking Effect July 13.

ROSES.

Beauties, long, per doz.....	\$2.50—\$3.00
" medium, " 	1.50—2.00
" short, " .....	.75—1.25
	Per 100
Meteors, Maids, Brides, Kaiserins.....	\$3.00—\$4.00
Perles.....	3.00—4.00
Roses, seconds.....	2.00—3.00

CARNATIONS

ARE OUR SPECIALTY. Per 100

Ordinary Varieties.....	\$1.00—\$1.50
-------------------------	---------------

Miscellaneous.

Marguerites.....	Per 100, \$.50
Forget-me-not.....	" 1.00
Sweet Peas, white.....	" .25
" pink.....	" .20
Valley.....	" 4.00

Decorative.

ASPARAGUS.	
Per string.....	\$.50
FERNS.	
Per 100, 15c.....	per 1000, 1.00
Maiden Hair.....	per 100, 1.00
GALAX.	
Bronze and Green, per 100, 20 cents; per 1000,	\$1.50
SMILAX.	
Common.....	per doz., \$1.50—2.00

ALL OTHER FLOWERS IN SEASON.

Above quotations are subject to change without notice. P. and D. at cost. Extra select and inferior qualities charged for according to value.

Regardless of prices quoted all stock will be billed at lowest market rates.

Store open from 7:00 A. M., until 5:00 P. M. Sundays and Holidays closed at noon.

During July and August we close at 5:00 P. M.

Mention the Review when you write.

BEGONIAS.

Extra strong plants, from 2-inch pots.

ARGENTIA GUTTATA.....	per 100, \$2.00
VERNON, red or White.....	" 2.00
ALBA PICTA.....	" 2.00
THURSTONII.....	" 2.00
RUBRA.....	" 2.00

Mixed sorts, many varieties.

CASH PLEASE.

EDWARD B. JACKSON
STAMFORD, CONN.

Mention The Review when you write.

ZIRNGIEBEL
GIANT PANSIES.

Market and fancy strains. Unequaled as yet for size and brilliancy of colors, and the most popular strains to date. New colors added every season.

NEW CROP SEED READY NOW. Trade Packages of either strain at One Dollar each.

Full directions with every package how to sow and cultivate.

DENYS ZIRNGIEBEL,
NEEDHAM, Mass.

Mention the Review when you write.

DREER'S PRIZE STRAINS OF..... Cineraria, Cyclamen, Primula, Etc.

ARE THE STANDARD OF EXCELLENCE throughout the United States, and are yearly grown by the largest florists with the most satisfactory results.

CINERARIA.

	1/2 trade pkt.	tr. pkt.
Dreer's Prize Dwarf.....	\$.60	\$1.00
" " Tall.....	.60	1.00
" " Choice Dwarf.....	.50	.50
" " Tall.....	.50	1.00
" " Double.....	1.00	1.00

CALCEOLARIA.

Hybrida grandiflora, self colors.....	\$.60	\$1.00
" " Tigrida.....	.60	1.00

CYCLAMEN.

Persicum, an extra choice stock, trade pkts., 30 cts. oz.	\$1.25.	100 seeds.	1000 seeds.
Persicum giganteum white.....	\$1.00	\$9.00	
" " white, dark eye.....	1.00	9.00	
" " rose.....	1.00	9.00	
" " blood-red.....	1.00	9.00	
" " choicest mixed.....	1.00	9.00	

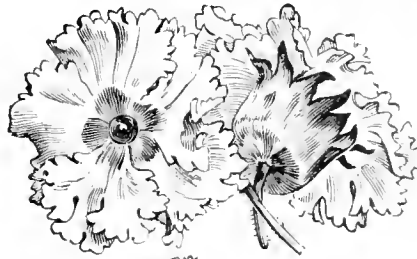
DAISY. (Bellis perennis.)

	trade pkt.	oz.
Double White.....	\$.40	\$2.00
Snowball, extra fine.....	.50	3.00
Longfellow, rose.....	.50	2.50
Maxima, red.....	.50	3.00
Double Choicest Mixed.....	.40	2.00

MYOSOTIS.

(Forget-Me-Not.)

Alpestris Victoria, blue.....	\$.25	\$1.00
" " Eliza Fanrobert, blue.....	.20	.75
Palustris.....	.40	2.00
" " semperflorens.....	.40	2.00



MIGNONETTE.

	trade pkt.	oz.
Machel, extra select stock.....	.15	\$.50
Defiance, very large spikes.....	.25	1.00

PANSY.

Royal Exhibition, the finest mixture imported.....	\$.50	\$8.00
Premium, a grand mixture of good colors.....	.50	4.00
Grand Trimardeau, mixture of very large flowers.....	.30	1.50
Very Fine Mixed, excellent.....	.20	.75

PRIMULAS.

	1/2 trade pkt.	tr. pkt.
DREER'S Prize Mixed, Fringed. This can be depended upon to give a large variety of colors of the largest size.....	\$.60	\$1.00
Alba, white.....	.60	1.00
Alba Magnifica, the finest white.....	.60	1.00
Chiswick Red, bright scarlet.....	.60	1.00
Holborn Blue, unique color.....	.60	1.00
Kermesina splendens, deep crimson.....	.60	1.00
Punctata, crimson, spotted white.....	.60	1.00
Rosy Morn, soft rosy pink.....	.60	1.00
Rubra, deep red.....	.60	1.00
Fern Leaved, mixed.....	.60	1.00
Double White.....	1.00	1.00
Double Mixed.....	1.00	1.00

NOTE.—Our Trade Packets of Primulas contain from 500 to 1,000 seeds each, according to variety.

Our Wholesale Catalogue for July has been mailed to all Florists, if you did not receive a copy please notify us and we will mail you another. It contains a complete list of PALMS, FERNS and other DECORATIVE STOCK, BULBS, FLOWER and VEGETABLE SEEDS, etc.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

We are now gathering our new

Sphagnum Moss

for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.

Z. K. JEWETT & CO., - SPARTA, WIS.

Mention the Review when you write.

Smilax Plants.

SEEDLINGS.

From flats or transplanted. Write for prices.

GEO. SOUSTER, - ELGIN, ILL.

Mention the Review when you write.

Smilax.

Fine 2 and 2 1/2-inch Smilax plants for sale. \$2.00 and \$2.50 per 100.

JOHN WOLF,

FLORIST, - SAVANNAH, GA.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

PRIMROSE AND PANSY SEED.

CHINESE PRIMROSE. The finest large flowering fringed varieties grown. Not at all like the cheap imported seed. Special pkt. of thirteen (13) varieties, single and double, mixed, 400 seeds, \$1.00; half pkt., 50c.

GIANT PANSY. The best large flowering varieties to be had. No finer offered, larger and finer this season than ever. All the seed plants critically selected. Per pkt., 3,500 seeds, \$1.00; half pkt., 50c.

A pkt. of the new Forget-Me-Not "Jewel" added to every order. Strictly cash prices.

The Home of Primroses.

JOHN F. RUPP, SHIREMANSTOWN, PA.

Mention The Review when you write.

1899

CONTRACTS

1899

Now I am open to quote prices on all Bulbs, Plants and Roots for next season. Send in your list of wants for quotations.

F. W. O. SCHMITZ, JERSEY CITY, N. J.

Mention The Review when you write.

ORCHIDS....

Just received in fine condition.

CATLEYA LABIATA, C. Mossiae, C. speciosissima, C. Harrisoniae violacea, C. Warnerii, C. granulosa, Laelia anceps, L. a. alba, L. autumnalis, L. prestans, L. Dayana and Burlingtonia fragrans.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

Mention The Review when you write.

Cabbage, Celery and Tomato Plants.

Field Grown. 45c per 100. \$1.00 per 1000; if by mail add 10c per 100.

Chrysanthemums in good var., from 2 1/2-in. pots, \$2.00 per 100. Cash with order.

R. VINCENT, JR. & SON, White Marsh, Md.

Always mention the Florists' Review when writing advertisers.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention the Review when you write.

ROCKFORD, ILL.

A decidedly floral wedding was that of Miss Ida May Rowley and Mr. David Nicol, which took place July 6 at the residence of Mr. and Mrs. H. W. Buckbee. Miss Rowley has been in the employ of Mr. Buckbee, the well known florist and seedsman, for several years, and Mr. Nicol was formerly in Mr. Buckbee's employ, though now in business for himself in Fremont, Neb.

The house was beautifully decorated with palms and cut flowers which were used in the greatest profusion. The bay window before which the ceremony was performed, was a bower of palms and white flowers, and the top of the piano near by was banked with ferns and white roses, cattleyas adding a brilliant bit of color. The room in which the wedding supper was served was decorated in pink, and the table for the bridal party was decked with ferns and pink roses and lighted with candles.

Both Mr. Nicol and Miss Rowley have many friends in the trade who will extend many congratulations to the happy couple. G.

DETROIT HOTELS.

Below is given a list of the hotels in Detroit, with capacity and rate of each:

Hotel.	Cap.	American Plan.	European Plan.
Cadillac	200	\$3.00-3.50	
Russell House	200	3.00-4.00	
Normandie	100	2.00-3.00	
Griswold (good)	100	2.00-3.00	
Oriental (good)	100		\$1.00-1.50
(Bath Included).			
Metropole	50		1.00-1.50
Wayne	100	2.00-3.00	1.00-1.50

S. A. F. TRADE EXHIBIT.

Any one having anything to sell to florists should secure space for the trade exhibit at Detroit in connection with the S. A. F. convention on August 15 next. Address

GEO. A. RACKHAM, Supt.,
880 Van Dyke Ave., Detroit, Mich.

GALESBURG, ILL.—E. R. Gesler is building three new greenhouses at his place.

PORT JERVIS, N. Y.—Hail recently broke 1,285 lights of glass in the greenhouses at the state hospital.

REINBERG BROS.
Wholesale Growers of
Cut Flowers
800,000 FEET OF GLASS.
No charge for packing.

Wholesale Price List.

AMERICAN BEAUTY

24-inch stem	per doz.	\$2.50
20 " " " " " " " "	"	2.00
15 " " " " " " " "	"	1.50
12 " " " " " " " "	"	1.25
8 " " " " " " " "	"	1.00

METEOR per 100, 3.00

BRIDESMAID " 3.00 to \$4.00

BRIDE " 3.00 to 4.00

PERLE " 3.00 to 4.00

CARNATIONS " 1.00 to 1.50

Quotations subject to change without notice. All other stock at lowest market prices.

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine
AMERICAN BEAUTIES.
51 Wabash Ave., CHICAGO
We now close at 5:30 p. m. Sundays and Holidays at noon.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in **CUT FLOWERS**
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

W. E. LYNCH
Wholesale Florist,
19-21 E. Randolph St. CHICAGO.
Mention The Review when you write

A. L. RANDALL
Telephone 1496 Wholesale Florist
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
Mention the Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St., CHICAGO.
Mention the Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

H. G. BERNING,
(Successor to St. Louis Cut Flower Co.)
WHOLESALE FLORIST,
1322 Pine Street, ST. LOUIS, MO.
Mention the Review when you write.

ELLISON & TESSON,
WHOLESALE SHIPPING
FLORISTS
3134 Olive Street, ST. LOUIS, MO.
...Home Grown Stock...
Mention the Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of **CUT FLOWERS** at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.
Mention The Review when you write.

Cincinnati Cut Flower Co.
W. A. MANN. FRANK W. BALL.
416 Walnut St. CINCINNATI, O. Wholesale Florists
Consignments Solicited. Special Attention Given to Shipping Orders.
Mention The Review when you write.

IF WE HAVE NOT GOT IT
YOU MAY BE SURE IT IS NOT TO BE HAD.

KENNICOTT BROS. CO. CHICAGO.

42 AND 44 RANDOLPH STREET.

Fine Strong Plants FOR STOCK

Geranium Mme. Jaulin, 3-in., \$8.00 per 100. The Peach Pink Bruant.

Mme. de la Roux, 3-in., \$8.00 per 100. The best single salmon bedding Bruant.

Abutilon Savitzii, 3-in., \$5.00 per 100. A grand bedding plant, grows dwarf and bushy—capital plant to use with Crotons.

Russelias Multiflora and Elegantissima, 2½-in., \$2.50 per doz. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy.

Browalia Gigantea, 2-in., \$1.00 per 100. One of recent introduction. Always in bloom. Color same as California violet. Good for cut flowers. Good bedding plant. Also a fine pot plant for Christmas or Easter.

Acalypha Sanderii, all sold.

READY NOW.

THE COTTAGE GARDENS, Queens, N.Y.

Mention The Review when you write.

WIRE

Rose Stakes,

Straight or Looped and Pointed.

ALSO

THE MODEL EXTENSION

CARNATION SUPPORT.

Lancaster, Pa., June 17, 1899.
Mr. Theron Parker.

Dear Sir: Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other specialties are as good they should make another addition to the money-makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on application to

The Model Plant Stake Co.

226 No. Ninth Street,
BROOKLYN, N. Y.

Mention the Review when you write.

THE MODEL PLANT STAKE. For Lilies and All Pot Plants.

THE MODEL ROSE STAKE, LOOPED AND POINTED.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES:

We have the
LARGEST WHOLESALE
House in Chicago.

Orchids, High-Grade Roses,
Carnations and Violets.

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

WESTERN HEADQUARTERS FOR.....

FLORISTS' SUPPLIES,

PALMS, FERNS,

WIRE WORK, CUT FLOWERS, ETC.

Use MASTICA for Building and Repairing your Greenhouses.

Write for samples and prices of our

Improved Folding Cut Flower Box.

ELLIS & POLLWORTH, - MILWAUKEE, WIS.

Mention The Review when you write.

Chrysanthemums.

From 2-inch pots, for June and July planting.
6,000 Novelties for 1899 at very moderate prices.
2,000 European Novelties at \$10.00 per 100.
2,000 New Varieties of 1898 at \$1.00 per 100.
25,000 Standard Varieties at \$2.50 per 100.
List of varieties on application.

NATHAN SMITH & SON, ADRIAN, MICH.

CARNATION Cuttings ALL SOLD.

Field-grown Stock for Fall Delivery.
F. DORNER & SONS CO., La Fayette, Ind.
Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS

Per 100
600 Asparagus Plumosus Nanus, 5-in. pots, \$20.00
600 " " " 6 " " 25.00
Asparagus Seed, home grown, \$1 per 100, \$9 per 1000

W. F. KASTING,
481 Washington St., Buffalo, N. Y.

Rooted Cuttings of Carnations ALL SOLD.

We are booking orders for Field Grown Plants.
GEO. HANCOCK & SON, Grand Haven, Mich.
Mention the Review when you write.

PHILADELPHIA.

The Market.

Trade has been about the same as the previous week. Brides and Bridesmaids bring from \$2 to \$4; Meteors and Kaisersins, \$3 to \$5; Beauties, 50 cents to \$1.50. Peas, 20 to 30 cents; carnations 50 to 75 cents; some of the choicer varieties bring \$1.50. Asters sell at \$1; smilax from 15 to 20 cents; asparagus, 50 cents; adianum cuneatum, \$1; lily of the valley, 2 to 4 cents; gladiolus, 2 to 4 cents. Some few catleyas coming in which go at 50 cents.

The H. A. Dreer Co. have received their first consignment of Harrisii, which came in on Saturday, July 8.

Mr. W. K. Harris has taken a cottage for the summer at Sea Isle City, where his family will spend the summer months. Mr. Harris will also spend his idle hours by the sea.

S. S. Pennock has been making a tour of some of the New England states during the past week.

Our visitors the past week were Wm. R. Smith, superintendent of the Botanical Gardens, and Mr. and Mrs. Z. D. Blackstone, Washington, D. C., and Mr. and Mrs. Bejalka, Altoona, Pa.

R.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

A. Herrington registers new Hemerocallis "Florham"; H. aurantiaca major X Thunbergii. Habit of plant intermediate between parents. The foliage has the distichous arrangement of H. aurantiaca major, but the leaves are narrower, more elongated and arching outward after the manner of H. Thunbergii. Flower spikes erect, three to four feet in height, bearing five to six branches, each producing six to seven flowers. Flowers when expanded are about six inches in diameter, sepals four inches long, three-fourths of an inch broad, yellow, suffused orange, some flowers showing well defined band of this hue through entire length of sepal. Petals four inches long, one and one-fourth inches broad, and of a clear canary yellow color.

WM. J. STEWART, Secretary.

BERMUDA BULBS.

The Department of State has entered into a treaty of reciprocity with the British colony of Bermuda. It is subject to ratification by the Senate and will not be made public until after being submitted to that body for action.

As lily bulbs are one of the principal exports of the colony it is exceedingly likely that in exchange for tariff concessions to the United States Bermuda lily bulbs will be admitted free to our ports. This would certainly be a great help to the Bermuda growers, though they would still have the disease problem to solve, and should lessen the cost of Bermuda grown bulbs to American florists.



REGULAR SHIPPING ORDERS RECEIVE SPECIAL ATTENTION.

WIETOR BROS.

Wholesale Growers of

CUT FLOWERS,

51 Wabash Ave. CHICAGO.

WHOLESALE PRICE LIST.

American Beauty, 24-inch stem	per doz	\$2.50	Meteor	per 100	\$ 0
" " 20 "	"	2 00	Bridesmaid	"	3.00 to 4.00
" " 15 "	"	1 50	Bride	"	3.00 to 4.00
" " 12 "	"	1 25	Perle	"	3.00 to 4.00
" " 8 "	"	1 00	Carnations	"	1.00 to 1.50

We close at 5:30 p. m. during July and August.

Mention The Review when you write.

CHRYSANTHEMUMS....

Special prices on the following new varieties introductions of 1899. Plants in fine shape.

	Per doz	Per 100
Willow Brook, ex. early, large white	\$1.50	\$10.00
Harry A. Parr, lemon yellow, early fine commercial variety	1.50	10.00
Lady Harriett, large early deep pink	1.50	10.00
Robt. Halliday, fine large yellow, early, midseason	1.50	10.00
John K. Shaw, fine commercial pink, globe shaped, early, midseason, scored 92 points	1.50	10.00
Adele, grand delicate pink, early, scored 94 points	1.50	10.00
Mrs. T. L. Park, grandest of all yellows, ball shaped, midseason	3.00	20.00

25 plants at 100 rate. Other new and standard sorts. Send for list.

H. WEBER & SONS, - OAKLAND, MD.

Mention The Review when you write.

PEACOCK'S New Dahlias

For 1899 - Best New Varieties. Best Old Varieties.

Send for our New Illustrated Trade List before ordering elsewhere.

Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequalled record.

Best New and Standard Carnations — Beautifully illustrated and accurately described in our Trade List. Send for copy.

Surplus Stock of Mixed Dahlias — At right price. Also Dahlias under color. Correspondence Solicited.

W. P. PEACOCK, - Atco, N. J.

Mention The Review when you write.

50,000 FIRST QUALITY FORCING ROSES.

READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last seven years, first-class and perfectly healthy in every respect.

WOOTTON	LA FRANCE	AMERICAN BEAUTY	PRESIDENT CARNOT
METEOR, 3-inch pots, \$8.00 per 100; 4-inch pots \$12.00 per 100.	BRIDESMAID, 3-inch pots, \$7.00 per 100; 4-inch pots \$10.00 per 100.	GONTIER, 3-inch pots, \$7.00 per 100; 4-inch pots \$10.00 per 100.	BON SILENE, 3-inch pots, \$7.00 per 100; 4-inch pots \$10.00 per 100.
METEO, 3-inch pots, \$7.00 per 100; 4-inch pots \$10.00 per 100.	KAISERIN, 3-inch pots, \$7.00 per 100; 4-inch pots \$10.00 per 100.	BELLE SIEBRECHT, 3-inch pots, \$7.00 per 100; 4-inch pots \$10.00 per 100.	MME. HOSTE, 3-inch pots, \$7.00 per 100; 4-inch pots \$10.00 per 100.
GRAFTED ROSES.	BRIDESMAID, 3-inch pots, \$15.00 per 100.	KAISERIN, 3-inch pots, \$15.00 per 100.	PRESIDENT CARNOT, 3-inch pots, \$15.00 per 100.

Mention The Review when you write.

TO CLOSE OUT..... FANCY ROSE STOCK

100 2 1/2-inch Perles	.....	600 2-inch Brides	.....
300 2 1/2 " Brides	.....	300 2 " Maids	.....
450 2 1/2 " Maids	.....	500 2 " Beauties	.....
750 3 " Beauties	.....	1500 2 1/2-inch Woottons	.....

Speak Quick.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

ROSES.

400 BRIDES	3-inch	\$6.00 per 100.
300 MAIDS	"	5.00
100 BEAUTIES	"	5.00

The 800 Plants, \$40.00 cash.

JOHN WELSH YOUNG, - Germantown, Pa.

Mention The Review when you write

Always mention the Florists' Review when writing advertisers.

3 1/2-in., potted back to 3-in. Extra strong select plants. July 15th and later delivery \$6.00 per 100. Kaisersins, Brides, Meteors, Maids, 2 1/2-in. \$3.50 per 100.

SMILAX Extra strong, 2-in., \$1.00 per 100; \$5.00 per 100. Cash with order.

SOUTH SIDE FLORAL CO., SPRINGFIELD, ILL.

Mention The Review when you write.

FOR SALE.

American Beauty plants, 3 1/2-in. pots	\$4.00	\$20.00
Meteor plants, 3 1/2-in. pots	5.00	45.00
Maids " "	5.00	45.00
Brides " "	5.00	45.00

Fine stock. Cash with order unless known.

BRANT & NOE, FOREST GLEN, ILLINOIS.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

SAMUEL S. PENNOCK, Wholesale Florist.

During the summer months, commencing July 3rd, will be open from 7:30 a. m. to 6 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention the Review when you write.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

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From flats, by mail, \$0.50 per 100; \$4.00 per 1000.
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HYDRANGEA, 4-inch, in bloom, \$1.25 per dozen; \$8.00 per 100.
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Send for Sample. Cash with order.
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College Point, Queens Borough, N. Y.
HEADQUARTERS FOR **PALMS** and Decorative Plants in Quantity
Come, see **Ericas (Heather)**, also Full Line of Other Flowering Plants vince yourself Price List on Application.
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HARDY SHRUBS, TREES, VINES, EVERGREENS and PERENNIALS.
A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap.
Trade list free on application.
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SURPLUS STOCK.....
2000 Marie Louise Violet Plants. 1 offer healthy, clean and strong plants for \$8.00 per 1000; also 3000 well rooted cutting of Marie Louise, \$5.00 per 1000. The above stock is clean—not a spot on it. Send at once. Cash with order.
CHRISTIAN LAWITZEN, Box 262, Rhinebeck-on-Hudson, N. Y.
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For Summer Use in Cold Storage. Write the Introducer.
HARLAN P. KELSEY, 1106 Tremont Bldg., - BOSTON, MASS.
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Asparagus Plumosus Nanus Shipped to any part of the country.
Strings 10 feet long. 50 cents.
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The practical leaders to correct order taking in hurried hours. Single sample free.
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HEADQUARTERS IN WESTERN NEW YORK
Roses, Carnations and all kinds of Seasonable Flowers in Stock.
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Original Headquarters for CARNATIONS.
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Rose Hill Nurseries.
Palms, Orchids, Roses, Ferns AND FOLIAGE PLANTS.
Largest stock in America.
SIEBRECHT & SON, New Rochelle, N. Y.
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Nephrolepis Washingtoniensis
A magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 5 to 6 feet high. Cold house.

3 good plants from 2-in. pots, mailed for \$ 1.00
100 " " " 3 " " expressed " 40.00
100 " " " 4 " " extra fine, " 60.00

JOHN H. LEY, GOOD HOPE, D. C.
Mention the Review when you write.
WE WOULD LIKE very much to have a complete and accurate list of the florists of America and to this end will ask each subscriber to kindly send us an accurate list of those in the trade in his or her city or town. By complying with this request you will confer a great favor on the publishers.
Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon, variegated trailing, finest of all for baskets and vases, 3-inch, \$6.00 per 100. Rooted cuttings, \$2.00 per 100.

Greene & Underhill, Watertown, N. Y.

Abutilon Savitzii. A grand bedding plant. Grows dwarf and bushy. Capital plant to use with crotons, 3-inch, \$5.00 per 100.

The Cottage Gardens, Queens, N. Y.

4 varieties, 2½-in., doz., 75 cents; 100, \$6.00. Seawanhaka Greenhouses, Oyster Bay, N. Y.

ALTERNANTHERAS.

500 red alternantheras, \$1.50 per 100. Place your order at once.

C. L. Reese, Springfield, O.

From frames, 25 cents a doz.; \$1.00 per 100. Seawanhaka Greenhouses, Oyster Bay, N. Y.

AMPELOPSIS.

Ampelopsis Veitchii, strong 4-inch pot plants, \$1.50 per doz.; \$10.00 per 100.

C. Eisele, 11th & Jefferson Sts., Phila., Pa.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengeri, 2-inch, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$4.00 per 100.

Geo. Wittbold, 1708 N. Halsted St., Chicago.

Asparagus Plumosus, \$1.00 to \$1.50 per dozen. Sprengeri, 3½-inch pots, \$1.50 per dozen. Tenissimus, 2½-inch pots, 75 cts. per doz.; 3½-inch, \$1.25 per doz.

Wm. A. Bock, No. Cambridge, Mass.

A. plumosus nanus, 5-inch pots, \$20.00 per 100; 6-inch pots, \$25.00 per 100. Asparagus seed, home grown, \$1.00 per 100; \$9.00 per 1000.

W. F. Kasting, 451 Wash. St., Buffalo, N. Y.

Asparagus Sprengeri, 2-in., 24 for \$1.50, mailed; \$4 per 100, express. 3½-in., 24 for \$2.50, mailed, \$7 per 100, express.

A. Blanc & Co., Philadelphia.

3000 strong plants of Asparagus plumosus nanus from 3½-inch pots.

De Pew Bros., Nyack, N. Y.

Asparagus Sprengeri, 2½-in., 50 cents a doz. C. Eisele, 11th & Jefferson Sts., Phila., Pa.

A. Sprengeri seed, 100, \$1.00; 500, \$4.00.

H. H. Berger & Co., 47 Barclay St., New York.

AZALEAS.

Our Azaleas gave the best of satisfaction last season, and our stock will be equally as good and better this fall. Order early. These plants come packed 25, 50 and 100 in a case. Ready in October. Deutsche Perle, free-flowering, early, pure white. Very double. Yerva-neana, very large rose, striped white, double. Doctor Moore, deep rose, shaded violet, semi-double. Sigismund Rucker, rose lilac, bordered white, single. Bernhard Andreas Alba, white, double. Empress of India, white, salmon rose and crimson intermingled, double. Mme. Camille Van Langhenoy, white, striped, crimson, double. Mme. Van der Cruyssen, rose, semi-double. Simon Mariner, rose, double. Punctulata flore pleno, rose, orange color, very double; first size, 10 to 12 in. in diameter, per 100, \$40.00; select, 12 to 14 in. in diameter, per 100, \$50.00; extra, 14 to 16 in. in diameter, per 100, \$60.00. Second grade plants at less 20 per cent from above prices. We can supply specimen plants from \$1.00 each, upwards.

McKellar & Winterson, 45, 47, 49 Wash Ave., Chicago.

BEGONIAS.

Very strong plants, from 2-inch pots, \$2.00 per 100; Argentea guttata, Vernon (red and white), Alba picta, Thurston, rubra, or mixed sorts. Cash please.

Edw. B. Jackson, Stamford, Conn.

5000 Begonia Rex. Assorted, 2½-inch, \$4.00 per 100; Named, \$6.00 per 100. Tuberous rooted, 2½-inch, \$5.00 per 100. Rooted cuttings: Rex, \$2.00 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D.

Greene & Underhill, Watertown, N. Y.

Begonia Vernon, 2½-in., doz., 50 cts., 100, \$5.50. Seawanhaka Greenhouses, Oyster Bay, N. Y.

Begonia Rex, full assortment, Mixed, 3-inch, \$1.00 per 100. Geo. M. Emmons, Newton, N. J.

BOUVARDIAS.

Fine stock ready by August 1. Single and double in best varieties, 2-inch pots, \$3.00 per 100.

Nanz & Neuner, Louisville, Ky.

August is the time to plant, \$2.50 per 100. McCrea & Cole, Battle Creek, Mich.

BULBS.

Freesias. White flowers and large bulbs are to be had from the stock quoted below. We always believe in selling this stock by samples and are ready to submit same for comparison as soon as stock arrives. Freesias are the earliest to come in store of the Fall bulbs. White flowered Bermuda: Mammoth, \$1.00 per 100; \$9.00 per 1000; Choice, 85 cents per 100; \$7.50 per 1000. French grown: Mammoth, \$2.00 per 100; \$15.00 per 1000; Choice, 55 cents per 100; \$7.50 per 1000; First quality, 75 cents per 100; \$6.50 per 1000. California grown (early Aug. 1st): Choice, 85 cents per 100; \$7.50 per 1000; First quality, 60 cents per 100; \$5.00 per 1000. McKellar & Winterson, 45, 47, 49 Wash Ave., Chicago.

Freesias, large bulbs, white, yellow throat, 100, 65 cents; 1000, \$4.75. Pure white, 100, 91 cents; 1000, \$6.25. By mail or express free. Hyacinths, Roman, 12-13, 100, \$1.50; 1000, \$13.50; 13-15, 100, \$1.75; 1000, \$15.50. Lilium Harrisii, 5x7, 100, \$4.50; 7x9, 100, \$8.50; 9x11, 100, \$17.50.

H. H. Berger & Co., 47 Barclay St., New York.

Send in your list of wants for quotations. F. W. O. Schmitz, Jersey City, N. J.

CANNAS.

Cannas, mixed, 3-inch pots, \$3.00 per 100. Send for sample. Cash with order.

Fred. Boerner, Cape May City, N. J.

CARNATIONS.

Best new and standard carnations, beautifully illustrated and accurately described in our trade list. Send for copy.

W. P. Peacock, Atco, N. J.

If you are going to be short on carnations this fall and want good stock, I have over 25,000 to select from. Send for estimates.

W. E. Hall, Clyde, Ohio.

Fine pot plants, and transplanted in soil only Meteor, Scott and Bon Ton left in quantity \$20.00 per 1000.

Harkett's Floral Nursery, Dubuque, Iowa.

Field grown plants, ready August 15, extra fine this year. We can fill orders for any variety if we get them soon enough.

H. F. Littlefield, Worcester, Mass.

Rooted Cuttings all sold. We are booking orders for field grown plants.

Geo. Hancock & Son, Grand Haven, Mich.

Carnation Cuttings all sold. Field grown plants for fall delivery.

F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

Nemesis, Modesto, Queen, Yellow Queen, Silver Cloud, Yellow Monarch, Apollo, G. A. Bramhall, Yanoma, Golden Gate, Henry Nanz, Radiance, Marion Henderson, Mrs. Murdoch, Mrs. H. Robinson, strong, young plants, 2½-inch pots, \$2.50 per 100.

Nanz & Neuner, Louisville, Ky.

Dolores, Frank Hardy, L. H. Spaulding, Yellow Fellow, Philadelphia, from 2½-inch pots, \$6.00 per 100.

Cullingfordi, Gladys Spaulding, Helen Bloodgood, Harry May, J. E. Lager, J. H. Troy, Laredo, Miss G. Pitcher, Marion Henderson, Major Bonnaffon, Mrs. S. Humphreys, Mrs. M. K. Tommbly, Marguerite Graham, Mrs. J. G. Whildin, Mrs. H. Robinson, Nivens, Thos. H. Brown, W. H. Lincoln, from 2½-inch pots, \$3.00 per 100; \$25.00 per 1000.

Ada Spaulding, Belle of Castlewood, Benj. M. Giroud, Chiffo, Dorothy Toler, Dorothy Devens, Eureka, Golden Trophy, G. P. Atkinson, Golden Wedding, J. H. Woodford, Iora, Mme. Bergmann, Modesto, Minerva, Midge, Mrs. R. D. Douglas, Miss Helen Wright, Maud Adams, Mrs. S. T. Murdock, Miss M. M. Johnson, May Flower, Nemesis, Pitcher and Mandia, Pink Ivory, Riverside, Rose Owen, T. B. Morse, Western King, 2½-inch pots, \$4.00 per 100; \$30.00 per 1000.

Wood Bros., Fishkill, N. Y.

Special price of \$1.50 per dozen and \$10.00 per 100 on the following new varieties, introductions of 1899; plants in fine shape: Willow Brook, extra, early large white; Harry A. Park, lemon yellow, early, fine commercial variety; Lady Harriet, large, early, deep pink; Robt. Halliday, fine, large, early midseason yellow; John K. Shaw, fine commercial pink, globe shaped, early midseason, scored 82 points; Adele, grand delicate pink, early, scored 94 points. Special price of \$3.00 a dozen or \$20.00 per 100 on Mrs. T. L. Park, grandest of all yellow, bell-shaped, midseason. 25 plants at 100 rate. Other new and standard sorts. Send for list.

H. Weber & Sons, Oakland, Md.

Leading Mums: Yellow—Bonnaffon, Johnson, Jones, Golden Trophy, Emil Buetner, Sunderbruch, Rleman, Maud Adams, Pink—Perrin, Ivory, Jones, Vivand-Morel, Murdoch, Glory of the Pacific, Marquis de Montmort, White—Geo. S. Kalb, Ivory, Robinson, Jones, Iron Woodford, Gretchen Buetner, Schrimpton, Lottie Berry, Minnie Wanamaker, Fitzwygram, Bergman. 2½-in., \$2.50 per 100; \$20.00 per 1000.

Poehlmann Bros., Morton Grove, Ill.

Surplus stock of Chrysanthemums, Daille-douze, Modesto, Mrs. Fred L. Button (early white), Mme. Andrs, Harry Balsley, Mrs. Weeks, Frank Hardy, Glory of Pacific, Pink Ivory, Golden Wedding, Pennsylvania, Empress of India, Lady Fitzwygram, Major Bonnaffon, Mrs. Henry Robinson, Jerome Jones, Yellow Jerome Jones, Mme. Bergmann, Merry Xmas and others. All the above in 2 and 3-inch pots and fine, 2½ cents each, or \$20.00 per 1,000. Cash with order.

Joy & Son, Nashville, Tenn.

Chrysanthemums from 2-inch pots for June and July planting, 6,000 novelties for 1899 at very moderate prices. 2,000 European novelties at \$10.00 per 100, 2,000 new varieties of 1898 at \$4.00 per 100. 25,000 standard varieties at \$2.50 per 100. Send us a list of your wants, stating quantity, date to be delivered, and we will advise you what we can do.

Nathan Smith & Son, Adrian, Mich.

Bergmann, Bonnaffon, Merry Monarch, Modesto, 2½-inch, \$2.00 per 100; Lincoln, \$3.00.

C. Eisele, 11th & Jefferson Sts., Phila., Pa.

3-inch Queen, Bonnaffon, Smith, Troy, Condo, etc., at \$3 per 100.

G. Van Bochove & Bro., Kalamazoo, Mich.

In good variety, from 2½-inch pots, \$2.00 per 100. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Md.

CINERARIAS.

Cineraria hyb. max. grandiflora, graniflora nana, plenissima, caerulea, kermesina nana, from flats, \$1.75 per 100; \$15.00 per 1000. Satisfaction guaranteed.

Paul Mader, East Stroudsburg, Pa.

Cineraria Maxima Grandi, Brillianta, Caerulea Grandi Nana, strong, sturdy plants, from 2½-inch pots, \$2.50 per 100.

R. Insall, W. Moorestown, N. J.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

COLEUS.

6,000 coleus, Verschaffelii and Golden Bedder, 2 and 2½-inch, at \$1.50 per 100; \$12.00 per 1000. Cash with order.
Geo. L. Miller, Newark, O.

Verschaffelii, Golden Bedder, etc., 2½-in., doz., 30 cents; 100, \$2.00.
Seawanhaka Greenhouses, Oyster Bay, N. Y.

Leading sorts, 2½-in., \$3.00 per 100.
Wood Bros., Fishkill, N. Y.

CYPERUS ALTERNIFOLIUS.

Trim sturdy seedlings; fill a 3-inch pot now. 150 mailed free, \$1.00; 1000 by express, \$5.00.
John H. Ley, Good Hope, D. C.

Fine stock, 2½-in. strong, \$1.50 per 100; \$13 per 1000. Furrow Bros., Guthrie, Okla.

DAHLIAS.

Peacock's new Dahlias for 1899. Best new varieties, best old varieties. Send for our new illustrated trade list before ordering elsewhere. Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequalled record. Surplus stock of mixed Dahlias at right price. Also Dahlias under color. Correspondence solicited.
W. P. Peacock, Atco, N. J.

DAISIES.

The two giant daisies, California Giant, white, and Etoile de Lyon, yellow, strong, 3-inch pots, \$1.50 per dozen. Cash.
P. M. DeWitt, Torrisedale, Phila., Pa.

FERNS.

	Doz.	Hun.
Adiantum cuneatum, 3-in. pots....	\$1.00	\$ 8.00
Adiantum cuneatum, 4-in. pots....	1.50	12.00
Adiantum capillus-ven. Leb., 2-in. ....	.50	4.00
Cyrtomium falcatum, 3-inch.....	1.00	8.00
Cyrtomium falcatum, 5-inch.....	2.00	....
Blechnum orientale, 2-inch.....	.50	4.00
Lomaria Gibba, 4-inch.....	1.50	12.00
Pteris serrulata, 2-inch.....	.50	4.00
Pteris umbrosa, 4-inch.....	1.50	12.00
Nephrolepis exaltata, 4-in.....	1.50	12.00
Nephrolepis pectinata, 3-in.....	1.00	8.00
Nephrolepis pectinata, 4-in.....	1.50	12.00
Nephrolepis Phillipinensis, 4-in.....	1.50	8.00

As we are continually being asked for Nephrolepis Bostoniensis (Boston fern) would say that we have about 10,000 that will be ready for 5 and 6-inch pots this fall, and we will book orders for these at \$3.00 and \$5.00 per dozen, for delivery Aug. 1, but they are not yet ready for shipment.
Geo. Wittbold, 1708 N. Halsted St., Chicago.

Nephrolepis Washingtonensis, a magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house. Three good plants from 2-inch pots mailed for \$1.00; 100 good plants from 3-inch pots expressed for \$40.00; 100 extra fine plants from 4-inch pots, \$60.00.
John H. Ley, Good Hope, D. C.

Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; not less than 250 at 1,000 rate.
Wm. A. Bock, No. Cambridge, Mass.

Fern Balls, Japanese. Greatest money makers. Send for circular.
H. H. Berger & Co., 47 Barclay St., New York.

Pot and bench grown Boston ferns. Orders booked for fall delivery.
A. J. Baldwin, Newark, Ohio.

FUCHSIAS.

Double and single, 2½-inch, \$3.00 per 100.
Wood Bros., Fishkill, N. Y.

GERANIUMS.

Assorted, 2½-inch, \$4.00 per 100; 3¼-inch, \$6.00 per 100; Mme. Sallerol, 2-inch, \$2.00 per 100; Sweet scented, Mrs. Pollock, Pansy, 2¼-inch, \$4.00 per 100; Mrs. Parker, 2¼-inch, \$6.00 per 100. Rooted cuttings: Assorted, \$1.50 per 100; mixed, \$1.25; Mars, Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Silver Leaf, Rose scented, Ivy, \$1.50; Mrs. Parker, Freak of Nature, \$4.00; Mme. Sallerol, \$1.25. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Mme. Jaullin, the peach pink Bruant, 3-inch, \$8.00 per 100. Mme. de la Roux, the best single salmon bedding Bruant, 3-inch, \$8.00 per 100. The Cottage Gardens, Queens, N. Y.

Bedding geraniums, 4-inch pots, \$6.00 per 100; 3-inch, \$4.00 per 100. First class stock.
Crabb & Hunter, Grand Rapids, Mich.

1,000 Rose geraniums, 3-inch, to close out, \$3.00 per 100. Cash with order.
Geo. L. Miller, Newark, O.

HARDY PLANTS.

Azalea Amoena. One of the best dwarf hardy shrubs; excellent for forcing. Well rooted plants ready for 3-inch pots, \$6.00 per 100; \$50.00 per 1,000. Sample mailed for 10 cents.
Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy shrubs, trees, vines, evergreens and perennials. A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap. Trade list free on application.
T. R. Watson, Plymouth, Mass.

Hardy Herbaceous Perennials. The most complete stock in America. Paeonies, Phlox, Iris, Delphiniums, etc., etc.
Jacob W. Manning, The Reading Nursery, Reading, Mass.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

HYDRANGEAS.

Hydrangea from 4-inch pots, in bloom, \$1.25 per dozen; \$8.00 per 100.
Fred Boerner, Cape May City, N. J.

ORCHIDS.

Just arrived in fine condition. Cattleya labiata, C. Mossiae, C. speciosissima, C. Harrisoniae violacea, C. Warneri, C. granulosa, Laelia anceps, L. a. alba, L. Autumnalls, L. praestans, L. Dayana and Burlingtonia fragrans.
Lager & Hurrell, Summit, N. J.

PÆONIES.

10,000 Paeonies in twenty distinct varieties.
W. & T. Smith Co., Geneva, N. Y.

PALMS, ETC.

Kentias, Belmoreana and Forsteriana, 6-in. pots, from \$1.00 to \$1.50 each; 7-in. pots, \$1.50 to \$2.50 each; larger plants, \$3.00 to \$10.00 each. Areca Lutescens, 50c to \$3.00 each. Lantanas, from \$1.00 per doz. to \$3.00 each. Araucarias, large plants, \$1.00 to \$1.50 each. Rubber plants, \$3.00 to \$4.00 per dozen.
Wm. A. Bock, No. Cambridge, Mass.

Pandanus Veitchii, clean stock, pedestal grown, 6-inch pots, \$1.00 each; \$12.00 a dozen. Also larger sizes. Send list of sizes required and get rates. Also a few white leaved plants at half price, for decorative effects or cutting up.
John Welsh Young, Germantown, Pa.

Cycas stems. Orders booked now for spring delivery. These are not bought in open market in Yokohama, but are collected under our own supervision and are of the first quality. Prices on application.
Suzuki & Iida, 11 Broadway, New York.
Main Office, \$3 Nakamura, Yokohama, Japan.

WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS.

Measurements from top of pot to top of tallest leaf.

Plant	Pot	H't.	Char.	Each.	Doz.
Lantania Borbonica,	2	in.	invs.	\$ 1.50	5.00
" "	3	16-20	5-8	.75	9.00
" "	5	18-20	5-7	1.00	12.00
" "	7	20-24	6-8	.25	3.00
Cocos Weddelliana,	3	14-18	4-6	.25	3.00
Kentia Belmoreana,	3	5-7	3-4	.25	3.00
" "	3	8-10	4-5	.75	9.00
" "	3	18-20	5-6	1.00	12.00
" "	5	18-20	6-7	1.50	18.00
" "	6	20-25	5-7	2.50	30.00
" "	7	34-38	6-7	.75	9.00
" Forsteriana,	5	20-24	4-6	1.00	12.00
" "	5	25-28	4-6	1.50	18.00
" "	6	26-30	6-8	2.50	30.00
" "	7	36-40	5-6	.50	5.00
Phoenix Reclinata,	3	14-16	5-8	.75	9.00
" "	6	16-18	7-10	1.50	3.00
Pandanus Utilis,	4	12-14		5.00	
" "	5	14-16		1.50	
Peperomia Agyrea,	4			3.00	
Dracaena terminalis,	4			3.00	
" Fragrans,	4	8-10		.50	5.00
" "	5	10-12		.75	9.00
" "	6	14-16			

Geo. Wittbold, 1708 N. Halsted St., Chicago.

Lantania borbonica, 4-inch, 25 cents. Areca lutescens, 4-inch, 35 cents. Kentia Belmoreana and Forsteriana, 3-inch, 25 cents; 4-inch, 50 cents.
Geo. M. Emmons, Newton, N. J.

Lantania borbonica, 3-in., doz., \$1.25; 100, \$10.00; 5-in., doz., \$5.00; 100, \$40.00. Phoenix reclinata, 5-in., doz., \$7.50; 100, \$60.00.
Seawanhaka Greenhouses, Oyster Bay, N. Y.

Pandanus utilis. Fresh seed, 90 per cent germination, doz., 25 cents; 100, \$1.50; 1000, \$10.00; delivery included.
H. H. Berger & Co., 47 Barclay St., New York.

Cycas Revoluta stems, from 6 to 15 inches long, \$9.00 per 100 lbs. Special prices on large lots. J. M. Thorburn & Co., 35 Cortlandt St., New York.

Palms and Decorative Plants in quantity.
Anton Schultheis, P. O. Box 78, College Point, Queens Borough, New York.

My entire stock of palms for sale at a bargain. New wholesale list ready. Send for it.
W. J. Hesser, Plattsburgh, Neb.

Palms and Decorative Plants. Largest stock in America.
Siebrecht & Son, New Rochelle, N. Y.

Send for our list of Palms and Ferns.
Ellis & Pollworth, Milwaukee, Wis.

POINSETTIAS.

2½-inch, good stock, \$4.00 per 100.
Stollery Bros., Argyle Park, Chicago, Ill.

PRIMULAS.

Baby Primrose, the newest thing for Easter blooming. Flowers in thumb pots; grows rapidly, 6-in. pot, carry 50 to 100 sprays of rosy flowers, 12 to 18 in. long; lasts 4 weeks when cut and wholesale at \$2 per 100; grows finely in cool house; perpetual bloomer. 12 for \$15; \$10 per 100, express prepaid.
A. Blanc & Co., Philadelphia.

Baby Primrose, nice stock for fall and winter blooming, 75 cents per dozen, by mail; \$5.00 per 100, express paid. Primula Obconica, new, large flowering, strong plants ready for 4-inch pots, \$2.50 per 100. E. Fryer, Berriman st. and New Lots av., Brooklyn, N. Y.

Chinese primrose, extra fine strain, 2¼-inch pots, \$3.00 per 100.
Greene & Underhill, Watertown, N. Y.

50,000 Primulas and cinerarias ready August 1.
Morris Floral Co., Morris, Ill.

CLASSIFIED PLANT ADVERTISEMENTS CONTINUED.

ROSES.

50,000 first quality Forcing Roses, ready for immediate planting. Fully equal to those sent out the last seven years, first class and healthy in every respect. Only selected growth from flowering shoots used in propagating. Wootton, La France, American Beauty, Pres. Carnot, 3-inch pots, \$8.00 per 100; 4-inch pots, \$12.00 per 100. Meteor, Bridesmaid, Gontier, Bon Silene, Mermel, Perle, Kaiserin, Belle Snehrecht, Mme. Hoste, Bride, 3-inch pots, \$7.00 per 100; 4-inch pots, \$10.00 per 100. Grafted roses, Bridesmaid, Kaiserin, Pres. Carnot, 3½-inch pots, \$15.00 per 100. J. L. Dillon, Bloomsburg, Pa.

Last offer of surplus stock. 1,000 American Beauties, 3-inch, \$9.00 per 100. Papa Gontier, Perles, Woottons, Hermosa, La France, Mermets, 2½-inch, \$3.00 per 100. Gen. Jacquem not, M. P. Wilder, Lord Raglan, Empress of India, 2½-inch, \$4.00 per 100. Suzanne Blanchet, Bougers, Paquerette, Empress of China, La-maque, Jules Finger, 2½-inch, \$2.50 per 100. White, Pink and Yellow Ramblers, Queen of Prairie, Baltimore Belle, Martha Washington, Seven Sisters, Tennessee Belle, 2½-inch, \$2.00 per 100; \$18.00 per 1000. Nanz & Neuner, Louisville, Ky.

1,000 Beauties, just been potted up in 3-inch pots, \$6.00 per 100. 1,500 Brides, 7,000 Maids, 1,500 Meteors, 2-inch pots, \$3.00 per 100. 1,500 Brides, 1,000 Meteors, 3-inch pots, \$5.00 per 100. The above stock is all strictly first class. No order for less than 100 plants accepted at these prices. Plants will be shipped from our greenhouses at Hinsdale, Ill. Bassett & Washburn, 76 Wabash Ave., Chicago.

Meteors, 2½-inch pots, \$2.00 per 100; 4-inch, \$5.00 per 100. Bridesmaids, 2½-inch pots, \$3.00 per 100; 3-inch, \$5.00 per 100. American Beauty and La France, 1 year old, cut down to 24 inches, \$3.00 per 100. Reinberg Bros., 51 Wabash Ave., Chicago.

For July planting, 3-inch stock is best. We offer strong growing Brides, Meteors, Maids, from 3-inch pots, splendid value, \$5.00 per 100, \$45.00 per 1000. Perles, extra fine, \$6.00. Superior stock, certain to please you. W. H. Gullett & Sons, Lincoln, Ill.

Meteor, Carnot, Wootton, Kaiserin, from 3-inch pots, \$8.00 per 100. Mermel, Niphetos, Bride, Bon Silene, Perle, Duchess of Albany, Sunset, Bridesmaid, La France, Papa Gontier, from 3-inch pots, \$7.00 per 100. Wood Bros., Fishkill, N. Y.

5,000 Brides and Bridesmaids, in thumb pots, nice plants at \$2.00 per 100; 2,000 3-inch Brides, \$3.50 per 100. Will exchange for Safrano or other roses, chrysanthemums or begonias. H. W. Wieland, Newtown, Bucks Co., Pa.

Fancy Rose stocks, 3½-in. potted back 3-in. Extra strong, select plants. July 15 and later delivery. \$6.00 per 100. Kaiserins, Brides, Meteors and Maids, 2½-in., \$3.50 per 100. South Side Floral Co., Springfield, Ill.

M. Neil, Niphetos and Yellow Rambler from 4-inch pots, \$8.00 per 100. M. Neil and Niphetos from 3-inch pots, \$5.00 per 100. Perle de Jardin from 2½-inch pots, \$2.50 per 100. Phoenix Nursery Co., Bloomington, Ill.

Beauties, 3-inch, \$6.50 per 100. Brides, 3½-inch, \$5.00 per 100. Brides and Maids, 4-inch, \$7.50 per 100, or \$7.00 per 100 for lots of 500 or more. Good stock and warranted to please. Pochmann Bros., Morton Grove, Ill.

We have more than we will plant in Maids, Brides, Kaiserins, Meteors, Perles and Beauties, in 3 and 4-inch, strictly A1 stock, at \$4 and \$5 per 100. G. Van Bochove & Bro., Kalamazoo, Mich.

Maids and Brides, 3-inch, fine stock, \$5.00 per 100; \$45.00 per 1000. Maids, Brides, Woottons and Meteors, 2½-inch, \$3.00 per 100; \$25.00 per 1000. Robert F. Tesson, W. Forest Park, St. Louis.

To close out, 1,300 Perles, 500 Brides, 450 Maids, 750 Beauties and 1,500 Woottons, in 2½-inch pots; 600 Brides, 300 Maids, 700 Beauties, in 2-inch pots; 750 Woottons, in 3-inch. Speak quick. Geo. A. Kuhl, Pekin, Ill.

Brides and Bridesmaids, fine plants from 3-inch pots, \$3.25 per 100. Meteors from 3-inch pots, \$4.50 per 100. Only a few left. Order at once. M. A. Hunt Floral Co., Box 233, Terre Haute, Ind.

American Beauty, 3½-in. pots, \$9.00 per 100; \$80.00 per 1,000. Meteor, Maids and Brides, 3½-in. pots, \$5.00 per 100; \$45.00 per 1,000. Fine stock. Cash with order unless known. Brant & Noe, Forest Glen, Ill.

10,000 Meteors, 10,000 Brides and Maids, strong plants, 2½-inch pots, \$25.00 per 1000. The Floral Exchange Nurseries, Edgely, Bucks Co., Pa.

2000 Maids, 1000 Brides, 200 Meteors, in 3 and 4-inch pots, \$5.00 and \$6.00 per 100. Cash with order. Call or write. Wm. Kraft, 135 Johnson Ave., Newark, N. J.

5,000 Bridesmaids, from 3½-inch pots, \$6.00 per 100; \$50.00 per 1000. From 2½-inch pots, \$3.00 per 100. Edw. J. Taylor, Southport, Conn.

Maids in 3-inch pots; very strong, healthy plants, guaranteed to please you or your money back. C. Humfeld, Clay Center, Kan.

American Beauties, Woottons, Perles, Brides and Maids, in 2½, 3 and 4-inch pots. Plants fine. Prices very low. Cold Springs, Box 577, Peoria, Ill.

400 Brides and 300 Maids, 3-inch, \$6.00 per 100, 100 Beauties, 3-inch, \$8.00. The 300 plants, \$9.00 cash. J. Welsh Young, Germantown, Pa.

Surplus roses, Brides and Maids, first class stock from 3-inch pots, \$4.00 per 100. Crabb & Hunter, Grand Rapids, Mich.

500 Bridesmaids, 700 Brides, 2½-inch, \$2.50 per 100. Good, healthy stock. Cash. J. N. Kidd, Florist, St. Joseph, Mo.

400 Meteors, 300 Bridesmaids, 100 Brides, from 3-inch pots, \$5.00 per 100. Place your order at once. C. L. Reese, Springfield, O.

Bridesmaid, no mildew or disease, from 3-inch pots, \$5.00 per 100. R. Insall, W. Moorestown, N. J.

4000 American Beauties, from 3 and 4-in h pots, strong, healthy plants. DePew Bros., Nyack, N. Y.

H. P. Roses and Ramblers at reduced prices. W. & T. Smith Co., Geneva, N. Y.

Hardy roses in great variety. Ellwanger & Barry, Rochester, N. Y.

If you need roses send us your list for prices. The C. A. Reeser Co., Urbana, O.

SEEDS.

Chinese Primrose seed. The finest large flowering, fringed varieties grown. Not at all like the cheap imported seed. Special packet of thirteen (13) varieties, single and double, mixed, 400 seeds, \$1.00; half packet, 50 cents. A packet of the new Forget-me-Not Jewel added to every order. Strictly cash prices.

Giant Pansy. Best large flowering varieties to be had; no finer offered; larger and finer this season than ever. All the seed plants critically selected. Per packet, 3,500 seeds, \$1.00; half packet, 50 cents. John F. Rupp, Shiremanstown, Pa.

Roemer's Superb Prize Pansies, improved strain, new crop, ready now (my own growing). This mixture is saved from the very finest selected plants of all leading novelties; without doubt the finest strain in the market to-day. Mixed, per pkt. of 3000 seeds, \$1.00; 1½ oz., \$1.50; 1½ oz., \$2.75; 1 oz., \$5.00; white, yellow, black and violet blue in separate colors, same price. Cash with order. Grower of extra fine pansies; plants ready Sept. 15th. Peter Brown, Lancaster, Pa.

Pansies, Mitting's Giant Flowering, \$4.00 per oz.; \$50.00 per pound; Mitting's Sky Blue, Purple, Yellow, White, \$2.00 per oz.; \$25.00 per pound. Morris Floral Co., Morris, Ill.

Calceolaria hyle, pkt. 25 cts. Cyclamen unguat, 100 seeds, 50 cts. Cineraria hybr., Giant, 500 seeds, 25 cts. Primula, white, red, rose, blue, separate, 100 s., 20 cts; 500 s., 80 cts. Pansy, choicest German, Scotch, French strain, 1,000 seeds, 25 cts; 5,000 seeds, \$1.00. White, red, yellow, blue, bronze, black, striped, purple, separate, 1,000 s., 25 cts. H. H. Berger & Co., 47 Barclay St., New York.

Pansy seed. The famous Diamond Strain. The best strain in the world of the German type of Pansy; largest in size and greatest variety of rich and odd colors. A trial will prove it. Price, all colors mixed, \$5.50 per oz.; \$3.00 per ½ oz.; \$1.75 per ¼ oz.; \$1.00 per 1/8 oz. Cash with order. L. W. Goodell, Pansy Park, Dwight, Mass.

Allen's Defiance Mignonette. Seed all grown under glass in season of 1898-1899. The very highest standard. Sealed packets, containing 2,000 seeds, \$1.00 each. None genuine unless my signature is on the face of each packet, and the packet sealed. Chas. H. Allen, Floral Park, N. Y.

Zirngel's Market and Fancy strains of pansies are unequalled for size and brilliancy of color and the most popular strains to date. New crop seed ready now. Trade packets of either strain at \$1.00 each. Full directions how to sow and cultivate with every packet. Denys Zirngel, Needham, Mass.

Cyclamen growers do not forget that L. P. DeLanghe-Vervaeke, Nurseryman, 150 Rue de Constantinople, Brussels, Belgium, is the raiser of Cyclamen Papillo, the most beautiful strain in the world. Price, 100 seeds, \$3.00; 500 seeds, \$12.00; 1,000 seeds, \$20.00.

See Dreeer's special offer of Florists' Seeds in display advs., including Cineraria, Calceolaria, Cyclamen, Daisy, Myosotis, Mignonette, Pansy and Primula.

Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

The Jennings' strain of pansy seed. New crop, \$1.00 per packet; \$6.00 per oz. E. B. Jennings, Box 254, Southport, Conn.

Special seeds for the florist and gardener. Send for wholesale catalogue. Johnson & Stokes, Philadelphia, Pa.

Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order. C. Soltau & Co., 199 Grant Ave., Jersey City, N. J.

SMILAX.

3,000, from flats, by mail, 50 cents per 100; \$4.00 per 1,000; from 2-inch pots, \$1.50 per 100; \$13.00 per 1,000. Cash with order. Fred Boerner, Cape May City, N. J.

Smilax, very strong bushy plants, 2-inch, ready for planting, \$1.50 per 100; \$12.00 per 1,000. These will surely please you. C. Humfeld, Clay Center, Kan.

Smilax, extra strong, 2-in., \$1.00 per 100; \$8.00 per 1,000. South Side Floral Co., Springfield, Ill.

Smilax, strong, from 2½-inch pots, \$2.00 per 100; \$15.00 per 1000. Cash. P. M. DeWitt, Torresdale, Phila., Pa.

Extra fine plants out of 4-inch pots, \$4.50 per 100; \$40.00 per 1000. Wm. Schweinfurth, Ridgewood, N. J.

Extra fine pot plants, only \$1.50 per 100. No order filled for less than 100. A. J. Baldwin, Newark, Ohio.

Fresh smilax seed. Ounce, 40 cents. H. H. Berger & Co., 47 Barclay St., New York.

2-inch pots, strong and healthy, ready for shift, 60c per 100; \$5.00 per 1,000; sample by mail, 10c. R. Kilbourn, Clinton, N. Y.

Pot plants ready now, by the 100 or 1000, at \$1.50 per 100. A. M. Herr, Lancaster, Pa.

Fine, strong plants, \$2.50 per 100; \$20.00 per 1000. Wood Bros., Fishkill, N. Y.

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CLASSIFIED PLANT ADVERTISEMENTS CONTINUED.

Smilax, twice cut back, extra, 2-inch, \$1.50 per 100. Geo. M. Emmons, Newton, N. J.

Elegant stock, 2-inch, \$1.25 per 100; \$10.00 per 1000. Furrow Bros., Guthrie, Oklahoma.

Seedlings, from flats or transplanted, Write for prices. Geo. Souster, Elgin, Ill.

Fine 2 and 2½-inch Smilax plants, \$2.00 and \$2.50 per 100. John Wolf, Savannah, Ga.

1000 Smilax, 2-inch, \$1.25 per 100. J. N. Kidd, Florist, St. Joseph, Mo.

VEGETABLE PLANTS.

Celery plants, transplanted, extra strong, 25¢ per 100; \$2.00 per 1000. White Plume, New Rose and Giant Pascal. If by mail add 10¢ per 100. Do not confound these plants with the cheap stock pulled up where seed is sown, as the roots are many times better. On lots of 5,000 we pay express charges. Cash with order. R. Kilbourn, Clinton, N. Y.

Cabbage, celery and tomato plants, field grown, 15 cents per 100; \$1.00 per 1000. If by mail add 10 cents per 100. R. Vincent, Jr. & Son, White Marsh, Md.

Celery Plants, Extra strong transplanted plants, White Plume, Hartwell's Perfection and Giant Pascal, \$2.00 per 1000. Cash with order. Wm. Herzog, Morristown, N. J.

Cabbage Plants, selected Late Drumhead, Flat Dutch and Red Dutch, \$1.00 per 1000. R. Insall, W. Moorestown, N. J.

VERBENAS.

Verbenas, 2½-inch, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

VIOLETS.

Imperial Violet. Rooted cuttings all sold. I have a limited quantity of Rooted Runners that are grand in size and vigor. Price of these, \$40.00 per 1000; \$5.00 per 100. Now is the time to get a stock of this superb flower, the largest, bluest and most double violet in cultivation to-day. It has captured first prize wherever shown this winter. Average number of flowers per plant this season 70. My new book on Violet Culture goes with every order. W. L. Minor, Brockton, Mass., 583 Belmont St.

2,000 Marie Louise violet plants, \$8.00 per 1000; also 3,000 Marie Louise cuttings, well rooted, at \$5.00 per 1,000. The above stock is clean and healthy; not a spot on them. Send at once. Cash with order. C. Lawritzen, Box 262, Rhinebeck, N. Y.

Pot plants now ready of Marie Louise, Farquhar and Lady Campbell, free from disease, first class stock. Write for prices. Crabb & Hunter, Grand Rapids, Mich.

California Violets, well rooted runners from cold-frame, \$1.00 per 100; \$7.00 per 1000. Cash. P. M. DeWitt, Torrasdale, Phila., Pa.

Marie Louise violets. Potted plants, clean and healthy in every particular, \$5.00 per 100. Cash with order. Wm. J. Chinnick, Trenton, N. J.

Farquhar, 3-inch pots, from sand struck cuttings, \$5.00 per 100. R. Insall, W. Moorestown, N. J.

Marie Louise, 2½-in., \$3.00 per 100; \$25.00 per 1000. Wood Bros., Fishkill, N. Y.

VINES.

Variegated trailing abutilon, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00 per 100. Manettia bicolor, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00. English ivy, 2 to 3 feet, \$5.00 per 100. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

MISCELLANEOUS PLANTS.

Russellas multiflora and elegantissima. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German ivy. 2½-inch, \$2.50 per dozen.

Browallia gigantea. One of the most valuable plants of recent introduction. Always in bloom. Color same as California violet. Good for cut flowers. Good bedding plant. Also a fine pot plant for Christmas or Easter. The Cottage Gardens, Queens, N. Y.

Echeveria secunda glauca, \$3.00 per 100; \$25.00 per 1000. Cosmos Klondike, 2-inch, 50 cents per doz. Scarlet sage, strong, 3-in., \$1.00 per 100. C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Ageratum Pauline, 2½-inch, \$4.00 per 100. Ageratum, blue and white, \$3.00. Cuphea blayana, 2½-inch, \$3.00. Heliotrope, 2½-inch, \$3.00. Hydrangea Otaka, 5-inch, bushy, in flower, \$5.00 per 100. Lantana, fine varieties, \$4.00. Lemon Verbena, 2½-in., \$3.00. Moon Flower, 2½-in., \$4.00. Nierenbergia gracilis, \$3.00. Wood Bros., Fishkill, N. Y.

Lemon verbenas, Impatiens Sultan, 2½-inch, \$3.00 per 100. Salvia, 2½-inch, \$4.00. Rooted cuttings: Impatiens Sultan, \$2.00. Lemon verbenas, \$1.50. Greene & Underhill, Watertown, N. Y.

SPHAGNUM MOSS.

Sphagnum Moss, put up in new form. We are strictly headquarters on Sphagnum. A great improvement in baling Sphagnum Moss has been achieved in baling it more compressed than in the old method of the burlap bales. These bales contain the same amount of moss as burlap bales, but are only about one-third the size, making it much more convenient in handling and storing. Dry weight 30 to 40 lbs. This is strictly high grade moss, clean and free from stcks. Directions for Use:—Do not undertake to pull the Moss apart when dry. When opening the Moss for use, cut the wires and pour water on one of the sides of the bale covered by slats and you will find the fiber is uninjured, and that the Moss will shake out loose and fresh as when gathered from the marsh. The compactness of the bale excludes the air and makes the keeping qualities, as well as its convenience, far superior to the old methods of baling Moss. Jas. Vick's Sons, Florists and Seedsmen, Rochester, N. Y., write us: "We followed your directions in cutting wires and wetting down the Moss, and it is the finest sample we have ever used, perfectly free from roots and other matter." Price per bale, \$1.00; 6 bales, \$5.00; 10 bales, \$7.50. Write for prices on large quantities. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We are now gathering Sphagnum Moss for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc. Z. K. Jewett & Co., Sparta, Wis.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

MILWAUKEE.

A brief visit to Milwaukee during the excitement of Carnival week found the native florists in a condition of exultation; stores decorated and every one in holiday dress, including some of the prominent members of the craft.

In the unique masquerade procession, Mr. Pollworth drove an Irish jaunting car and disguised in galways and a cornob pipe was too Celtic for ordinary recognition.

The "Flower Parade" was the event of the week from a florist's standpoint, and it certainly was a magnificent spectacle; but as few natural flowers were used, the trade benefited little by the display. Paper flowers of all kinds, sizes and colors, were artistically used, and there were about fifty of the finest "turnouts" of the city, lavishly decorated. It was a beautiful picture, and the presence of Col. Roosevelt at the head of the procession, caused a continuous ovation. Quite a number of florists from all parts of Wisconsin were in the city during the week. The evening of Thursday was a "corker." The "freedom of the city" was given to every

inhabitant, and the "strangers" were handled "without gloves."

It was a great week for Milwaukee, the decorations and illuminations were superb, and over 100,000 visitors attested the growing popularity of these annual carnivals.

There seems to be no regular Florists' Bowling Club in Milwaukee, but still the state expects to be represented at Detroit, and Mr. Pollworth has the ambition to think he can captain a winning team there.

About a dozen of the florists of Milwaukee will be at the Detroit convention, and a goodly number from the state.

Adam Zender of Rogers Park, was a guest of Holton & Hunkel Co., during the week, and seemed to be enjoying his outing. This house handles all the product of his extensive establishment. Both the wholesale houses report a very successful season, lasting steadily up to the end of June.

W. A. Kennedy has his greenhouses in good condition and filled with the newest and best varieties of carnations. He intends planting 1,500 of the new rose Liberty and many of the other western growers are making ar-

rangements for the testing of this grand new rose in lots of 1,000 and upwards.

Currie Bros. were very busy during Carnival week, with city decorations. Mr. Edlefsen reports the best season he has ever had, and Mr. Freytag, with the new greenhouses he is building, will soon have all the facilities needed for his growing trade.

Mr. Whitnall is very busy with landscape and decorative work.

Miss Edlefsen leaves in a few days for Pittsburg, for her well deserved vacation. A.

PITTSBURG.

W. F. Kasting & Co. received 3,000 fine American Beauties in eight weeks from one of their growers, all of which were sold in this city and vicinity. They report an excellent business in florists' supplies.

SPOKANE, WASH.—The tenth annual rose fair was very successful, though owing to the fact roses are a month late this year the display was not so large as last season.

PITTSBURG.

Business has now assumed a summer aspect. Light consignments are being received and consequently there is no surplus.

White carnations and white roses are a scarcity. The quality of stock is fair. Up to this writing the demand for stock exceeds the supply and a general cleaning up of stock occurs daily.

The retailers report that trade has held up very well.

The Elks' carnival and fair which is here for two weeks began with an industrial parade. The decorating of floats made demands upon the florists. G. & J. W. Ludwig, A. W. Smith and E. C. Ludwig have floral booths erected on the "Midway Plaisance."

Hughes & Hacke, one of our prominent dry goods houses, have added a floral department. Hugo Stoehr is in charge. Mr. Stoehr was formerly with F. Welfer, of Liberty Market.

Mr. F. H. Houghton, several years ago a florist of Pittsburg but now located in Boston, was here last week accompanied by his partner, F. J. Clark.

J. B. Ferguson, of this city, has bought the business of Gibbs & Sunshine, 5515 Fifth avenue.

I. S. Crall, Monongahela, Pa., contemplates erecting five 85 feet carnation houses.

Bowling.

Last week the bowlers rolled the following scores:

										Av.
E. C. Ludwig	145	143	157	118	129	123	...	...	...	161
J. E. Murdock	101	149	176	...	...	...	...	...	...	142
Wm. Loew	...	129	140	...	...	...	...	...	...	134
J. W. Ludwig	124	165	153	153	188	157	154	157	...	157

T. P. LANGHANS.

ROCHESTER, N. Y.

At noon, July 5th, Helen B., wife of Wm. S. Keller, died after a prolonged sickness. Besides her husband and a little son, the young lady leaves her aged parents, three sisters, two brothers and a wide circle of friends and acquaintances to mourn her premature death.

BAY CITY, MICH.—John Irvine & Sons have succeeded the Irvine Floral Co. The firm is composed of John Irvine, the veteran florist, and his sons John C. and Richard A., both of whom have been brought up in the business. They will occupy the salesroom at 817 Washington Ave. and will also control the greenhouses on Sherman street.

ST. JOSEPH, MICH.—Charles Benings has recently added a new house 16x50.

5000 BEGONIA REX.

POT PLANTS.

Abutilon Var, trailing, 3-inch.	.....	\$1.00 per 100
Begonia Rex, assorted, 2 1/4-inch	.....	4.00 "
" " " " " " "	.....	6.00 "
" " " " " " "	.....	3.00 "
Lemon Verbena, 2 1/4-inch	.....	4.00 "
Salvia, 2 1/2-inch	.....	3.00 "
Impatiens Sultana, 2 1/4-inch	.....	5.00 "
Begonia Tuberosus, 2 1/4-inch	.....	3.00 "
Primrose, Chinese, Extra Fine strain,	.....	3.00 "
2 1/4-inch pots	.....

GERANIUMS—Assorted	.....	2 1/2-in.	\$1.00 per 100
" " " " " " "	.....	3 1/2-in.	6.00 "
" " " " " " "	.....	2 1/2-in.	2.00 "
" " " " " " "	.....	2 1/2-in.	4.00 "
" " " " " " "	.....	"	4.00 "
" " " " " " "	.....	"	6.00 "
" " " " " " "	.....	"	5.00 "
" " " " " " "	.....	"	2.00 "
" " " " " " "	.....	"	6.00 "

ROOTED CUTTINGS.

	Per 100
Abutilon var, trailing	.....\$2.00
Begonia Rex	.....2.00
" " " " " " "	.....2.00
" " " " " " "	.....2.00
" " " " " " "	.....2.00
" " " " " " "	.....2.00
" " " " " " "	.....2.00
" " " " " " "	.....2.00

	Per 100
Lemon Verbena	.....\$1.50
Geraniums, assorted	.....1.50
" " " " " " "	.....1.25
" " " " " " "	.....3.00
" " " " " " "	.....3.00
" " " " " " "	.....2.00

	Per 100
Geraniums, Mrs. Parker	.....\$1.00
Silver Leaf	.....1.50
Rose Scented	.....1.50
" " " " " " "	.....1.25
" " " " " " "	.....4.00
" " " " " " "	.....1.50

Terms Cash or C. O. D.

GREENE & UNDERHILL, Watertown, N. Y.

Mention The Review when you write.

Burpee's Seeds Grow

CRABB & HUNTER, Violet Specialists.

Pot plants now ready of Marie Louise, Farquhar and Lady Campbell; free from disease, A1 stock; write for prices. Surplus Roses, Brides and Maids, first class stock, from 3-inch pots, at \$1.00 per 100; Bedding Geraniums, 4-inch pots, at \$6.00 per 100; from 3-in. pots, \$1.00 per 100. All first class stock.

GRAND RAPIDS, MICH.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Mention the Review when you write.

REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of WIRE & DESIGNS and Dealers in

FLORISTS' & SUPPLIES

Mention The Review when you write.

NIKOTEEN

IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE

DOES NOT INJURE THE MOST SENSITIVE PLANTS—ENDORSED BY PROMINENT FLORISTS—USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT—200 LBS. OF TOBACCO IN ONE PINT OF NIKOTEEN SOLD BY SEEDSMEN—CIRCULAR FREE—SKABCURA DIP CO. CHICAGO.

Kill AND SAVE THE BLOODS Bugs! QUICKLY DOES IT.

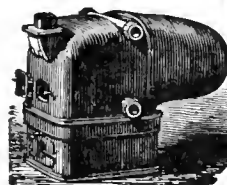
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233 MERCER ST. NEW YORK.

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MILWAUKEE.

Trade was quiet last week, being probably the after effects of the carnival.

Some life, however, was exhibited the latter part of the week when about ten "fellers" came up from Chicago to stimulate things a little bit. Guess they came up to bowl, at any rate they had their own way about it, no matter what they were after. They did some bowling with about an equal amount of men on each side, but in place of bowling they juggled with us. As the Chicago boys took the scores with them the writer has no records to send

and hopes they have lost theirs. The feature of the game was the splendid delivery of Ben Gregory, which was envied by some of the light-footed ones on the Chicago team. It's a new step in which he will make his debut at Detroit. John Evans was benched after the second game, for bowling in Chicago's favor. We owe many thanks for the Chicago boys' visit. It started the boys a-rolling and we will now have a winning team at Detroit.

After the games lunch was served, and Messrs. McKellar, Winterson, Bal-luf and Asmus entertained with songs and funny stories until train time.

GEO. W.

A NOVEL EVENT.

We have received a copy of the following novel invitation: "Ride and Driver Party.—Yourself and Ladies are invited to be present at the Opening of Buckbee's Barn, Thursday evening, July thirteenth, eighteen hundred ninety-nine, from eight to eleven o'clock, 1405 to 1421 Kishwaukee street, Rockford, Ill. Barn built in 1838, remodeled in 1899. Music."

MAYWOOD, ILL.—Henry Wehrman is building two carnation houses, each 24x100. A. Dietsch & Co., 615 Sheffield avenue, Chicago, have the contract.

MILWAUKEE, WIS.—H. W. Koerner, 1175 Kinnickinnic avenue, will increase his establishment by the addition of two houses.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago,
334 Dearborn Street.

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PLEASE SEND US a correct list of the names and addresses of the florists who receive their mail at your postoffice and thereby oblige.

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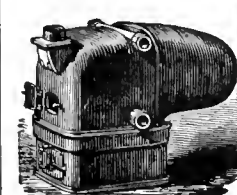
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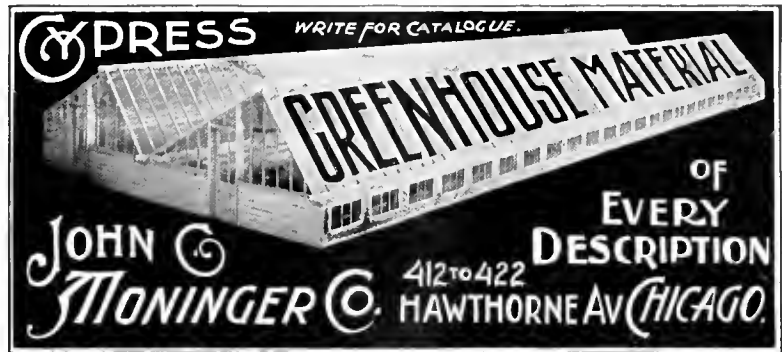
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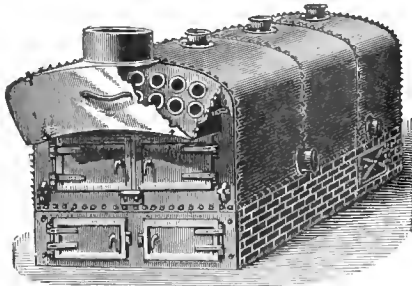
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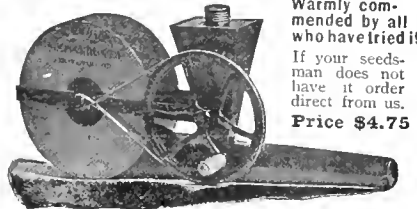
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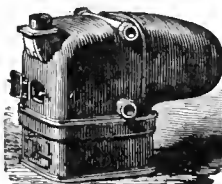
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THE WEEKLY FLORISTS' REVIEW

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Vol. IV.

CHICAGO AND NEW YORK, JULY 20, 1899.

No. 86.

ALOCASIA.

[From advance sheets of the Florists' Manual, by William Scott.]

These beautiful stove plants are grown entirely for the beauty of their leaves. They delight in our hot summers under glass and must not be allowed to go below 60 degrees in the winter months. They require shade in the bright days of spring and summer, and where the house is heavily shaded they will be greatly benefited

by a little fire heat at night. In shaded houses during rainy weather and cold nights, even in summer, there is a dampness and stagnation that is very uncongenial to most plants, and exotics in particular should have a little fire heat.

The compost in which they delight is one-third fibrous peat or Jadoo, one-third turfy loam in coarse lumps and one-third chopped sphagnum, to which add some charcoal. Although the roots

delight in moisture it must not be stagnant around them, and the pots should be filled within a few inches of the rim with broken crocks. Keep the roots and the potting material well above the edge of the pot and cover the surface of the compost with live sphagnum, in which the young roots thrive. They must be given an abundance of water in summer, but much less in winter. It is not only the water they receive on the surface that benefits them, but they require a humid, warm atmosphere.

The best time to increase your stock of alocacias is in the spring by dividing the stems or rhizomes, which when first taken off and started should have a close, moist and warm temperature and be away from all draughts of air. A Wardian case on the greenhouse bench with some bottom heat is the ideal place.

The leaves are large, from one to two feet in length. All are beautiful, varying in coloring and markings from the well known *A. metallica* or *cuprea*, a dark metallic bronze, to *A. longiloba*, green with silvery markings. Among the best species and hybrids are those above mentioned and *A. hybrida*, *A. Jenningsii*, *A. Johnstonii*, *A. Sedenii*, *A. Thibautiana*, *A. variegata*, and many others, all beautiful plants for the private collection.

ALOYSIA CITRIODORA.

[From advance sheets of the Florists' Manual, by William Scott.]

This universally liked plant is commercially known the world over as Lemon Verbena. It is classed as a deciduous shrub and is the sole representative of the genus. Where hardy I doubt whether it is quite deciduous. It makes a fine plant when planted against the wall or pillar in the greenhouse, but it is as a sweet scented plant for our gardens that we most prize it, and every mixed border, and every garden large or small has one or more. The florist finds this a most



Alocasia Metallica.

useful plant for cutting in the summer time, for what can be more welcome in a bunch of flowers than a few sprays of the sweet Lemon Verbena.

Don't sell out clean in the spring. Save a dozen plants and shift them on, plunging them outside in pots in summer. At the approach of frost bring them in and stand them under your lightest and coolest bench and give them only water enough to keep the wood from shrivelling. In early February we shake them out, shorten back the unripened and weak wood and start them going again in fresh soil and pots, with us a 4-inch. Placed in a temperature of 55 degrees, in a few weeks they are covered with young growths which are just the thing for

cuttings. They root easily but not nearly so surely as many of the soft-wooded plants. I prefer the sand to be a little warmer than the house. Keep the sand well soaked, twice a day is not too often, and never let the cuttings wilt from the sun or dryness.

In April we shift them from a 2-inch to a 3-inch pot and plunge in a mild hot-bed, where by the middle of May, with one pinching, they will have made fine, bushy plants. They want lots of syringing to prevent red spider, and if the proper fumigation is regularly given they will not be troubled with fly. A florist should always be supplied with them for they are usually difficult to procure when wanted.

lily decoration is something fine, though when the whole range of colors are judiciously mixed they are interestingly beautiful. You can use these flowers to great advantage in basket and design work. Baskets composed entirely of water lilies are pretty, but when you use them for funeral work, and they are very appropriate, you must strip the green off them, and 'tis best to either make the design entirely of them, or group them. Nothing is handsomer than a cross, anchor or wreath made of one colored nymphaeas. These flowers are also being used for street and evening wear. Very fine white ones can be bought for \$2.50 or \$3 per 1,000, which makes them one of the cheapest flowers on the market for funeral work. Colored ones can be had from large growers of aquatics and they will cost from \$3 to \$10 per 100. Eichhornia crassipes, both varieties, make a fine wreath; in fact, these flowers are useful in many ways, and they are just as pretty as many orchids; in fact, they should be called water-orchid instead of water-hyacinth, and it's strange more of them are not used. Mr. Tricker's new hybrid nymphaeas have done much to popularize water flowers, and the use of them in decorations is yearly increasing.

Seasonable Flowers.

July is the month when good flowers are scarcest. The new crop roses are already appearing, but on account of shortness of stem are useful only in made-up work. A few long-stemmed Maids and Brides are being cut from left-over or two-year-old stock. Hybrid Perpetual roses are scarce, just a few Brunners are coming in, and a very few of them are the best colored rose at present. Kaiserins are the best white roses on the market at present. They make a lovely bride's bouquet; use a few buds and make them loose, no foreign greens showing. When making up designs use most of the open roses short, and festoon with the best and half-open ones, a few buds included. Kaiserins are difficult to ship because they are very easily bruised; they should be handled as little as possible, kept cool and dry on top, and when packing wrap each flower in wax or damp white tissue paper; a little care taken will be more than amply repaid by results. It's strange there are more of these roses grown east and west than in New York (poor New York will have to grow nothing but rubber flowers if she continues to grow merely to satisfy Greek peddlers).

The new Canadian rose, "Lady Dorothea," should be a success, because it is a most charming color (deeper than the old Sunset), is sweet and free blooming, and of fine shape. We would like to see it on the market because the color is wanted. Get hold of some new rose for next season, or a very old one; either will suit if well grown.

Fancy caladiums are now being extensively used by private people, and



Aquatics.

Imagination has powerful influence over the human mind. The feeling that puts heat into an empty stove also spreads cool breezes 'round anything from the river or lake. This is partly why water flowers are very fashionable this season. They are not alone most beautiful and adaptable to most forms of decoration, but they suggest the many romances and pleasures and the refreshing delights associated with and to be found upon laughing streams and rivers or shimmering lake. In very large table decorations, low, flat water tanks are used. Once in a while they are raised a little above each other to break formality. These tanks are of zinc, about six inches deep, and as large as the table will permit. Silver sand and a few small goldfish are put in the water, the sides of the tank are covered with a broad, irregular frame of Lycopodium denticulatum and small ferns, which can easily be arranged on a board, three or four lotus flowers are grouped in the center, and, if possible, in the corners, and several varieties of water lilies are employed; small leaves are used, the open flower is wired to the leaf, and a wire stuck in the sand will hold them in place. Of course, this form of table decoration is difficult, and is sure to be a failure unless you have plenty of room. With lots of space and proper material, however, it gives the artist

an opportunity to exercise his genius—to create something very grand.

Simpler forms and none the less beautiful can be arranged by filling a low outglass bowl with nymphaeas. Place the bowl on a cheap mirror and fringe off with selaginellas or ferns; but despite the fact that you must use heavy bordering material to obliterate the identity of the mirror, or reduce the prominence of bowl, still there should be an airy lightness about the whole, some delicate spray or flower here and there, to add to its beauty. Still again, a simple glass bowl or green salad or fruit dish filled loosely with water lilies makes a charming little center piece. Gold or silver vessels should never be used for water flowers. Some very fine canoe shaped vases can be had, and wherever they are used make them up with that careless beauty suggestive of a boat full of lilies on the water. Overcrowding of flowers is neither pretty nor excusable, unless they are suggestive of overflowing loveliness, in which case the greatest care should be used to avoid premeditated formality or sardine compactness.

There is nothing grander than a vase of lotus with a few tips of Asparagus tenuissimus. Water lilies should never be used on the table unless they are open. Varieties can be had to open for day and night work, and every color is among them to choose from. A pink or yellow water

the florist can use them to advantage also. A good pan of achimenes is a pretty thing; cover the pot with crepe paper or a band of lycopodium (which can be kept growing in sizes to suit pot or pan), and it is a ready-made center piece for table or window.

Purple flowers should never be used in table decorations, and very few ladies like to see them in the house in any form because they remind one too much of funerals. There is use for almost everything that grows, particularly is this so in flowers. Of course when one is in a hurry small things don't count for much unless large ones are scarce. This condition is often met when you are busy with funeral work; when everything gets suddenly scarce and you have numerous designs to get out on short notice. You are a nuisance to yourself and the rest of the world when you rush about like a nervous lunatic; you are liable to throw away your profits by reckless orders on the wires. When you get a large order in, sit down and figure out what you think you need or the amount you should spend. Special orders are considered first, and efforts to secure the flowers for them should be your first move.

Suppose you and I go out and see what we can get. Asters are coming in but they are poor. We need a lot of flowers for groundwork. Hollyhocks are good, cost 50 cents per 100. We can use plenty of those double white hibiscus at 25 cents per 100. Yonder are some double white petunias at 50 cents per 100. That bunch of achillea is just what we want for delicate detail work; 3 bunches for a quarter? All right, we'll take the lot. Gladiolus, yes, they are most important; very few white ones though; well those light Lemoine shades will do; they're high yet, 50 to 75 cents per doz. Harrisii are scarce and have jumped up to \$1 per doz., but we must have them. That cluster of ageratum will do for lettering instead of chenille or immortelles (lettering is out of date but the old lady insisted). A little Gypsophila paniculata will do for dressing off. Sweet peas? Why, certainly; they are very short-stemmed and unfit for flat bunches, but we'll take a few hundred bunches at \$2.50 or \$3.00 per 100; give us fifty of each color because we want to use them separately; that dark maroon and indigo variety is the latest for wreaths. Where's all the tuberose? Didn't pay to grow 'em? Well, they'd pay if you had them now; give us those spikes of single ones at 75 cents per doz.; they are the prettiest. Auratum? Sure, we need them for the large designs and bases; 75 cents and \$1 per doz.? Well, they're worth it if open. White larkspur and anemone, candytuft and swansons, at 3 bunches for 25 cents, are useful. Just a few white roses. Never mind the pink ones, but we'll take a few red ones; Brunners will do if you haven't Meteors; short-stemmed ones at 50 cents, long ones at \$3. Greens? Yes,

brown and green galax for edge work, and common ferns for covering. Smilax or tamarix for wires or stands.

Why, there are enough flowers on the market for any amount of work. Get the stock home, put some in water, spread the others out on flats; don't wet the peas or hollyhocks, but keep them cool, like yourself. When stemming up don't mix everything, but keep the bench clean and damp, having your flowers in neat clusters. Now, in the designs where there has been no stipulation, only to "make it nice," we can use all the miscellaneous short stuff for groundwork and festoon with finer flowers. Of course with some material we must make the work pretty solid in order to hide the quality of the flowers. When we use our finer and looser designs just as much care must be taken in "greening up" as in the rest of the work. Sphagnum moss is a detriment; use green moss. Roses are poor, put them in one cluster and they will look like something.

Let's make that big cross of gladiolus. After you galax it back and front we'll stick these gladiolus in on one side, just as they are. Have the outlines accurate but not stiff. In the center put a double row of open water lilies, stick a few auratums in the base and the job's done, and you've got a cross within a cross. Green the other up the same way and we will make it entirely of Harrisii lilies, or speciosums will do. Remember this loose style of arranging is all the go now; use big loose flowers where you can; it not only saves time but they look better. Of course you cannot afford to use all such in one design, if you have a lot to make up. Put a cluster of the red roses across the arm of that anchor or cross, or on the wreath, and it will enhance it, but mind you there must be no other color but white.

A customer comes in, wants to send something new that never was used before. Well, let him have it. Cut that Clematis Jackmanii or C. Henryii down, arrange it in a long, graceful, mantle-like bunch, tie in center with finest white or royal purple ribbon (wreaths made of these flowers look fine).

Another particular customer comes in; he probably has a garden of his own and looks upon your stock as cheap. We go to the greenhouse for him; he can have orchids, valley, gloxinias, stephanotis, clerodendron, and many other pretty flowers that are choice and go well together or separately; only don't put common flowers or greens near them. We saw a lot of Jasminum gracillimum lately; how sweet it goes with anything, particularly red roses.

If your work should run in the decorative line instead of funerals, all the more cheerful, and don't wire your green man for hemlock or laurel roping; send a man out with an open wagon, the woods are full of fine oak leaves, etc., just the materials you

want. Have him tie them up in bundles so they can be easily managed; tell him to look out for a stray autumn colored branch; it will make a pretty feature.

There are lots of good showy flowers to be had for decorations. Among vines we have the clematis, particularly C. paniculata, which is one of the grandest of all decorative materials. Cut it in long sheets and use it so. Then the bignonias, and the Cobea scandens, and the beautiful honeysuckle (Lonicera Halleana) will give you enough vines. Hang them high up or use them as screens on the stairs. Unlike other work we can use nothing but long stemmed flowers here, but we have an abundance of these in lilies, gladiolus, zinnias, tritomas, helianthus, several grasses, rudbeckia "Golden Glow" (which is the finest yellow summer flower), dahlias, cannas and a host of others which you should grow, or have grown for you if your trade requires it.

And whilst we are on the "grow" line just have your freesias get in as early as possible next season; you know the first in the market brought 35 to 50 cents a bunch last season; there's no reason why the freesia shouldn't get in much earlier. When ordering your Harrisii bulbs get a good batch of candidums. How nice they would go with large red roses at Christmas. There was a big demand for them last Easter and there were none to be had. They will be in fashion next Easter, so grow a good batch of them and get the best kind.

It's a wonder Liliun auratum is not forced to a greater extent; many growers out west make more money out of them than they do out of Harrisii. There is lots of use for them at good profitable prices. Try a few for next winter or early spring. Don't be afraid of pansies next season; get the best strain possible and grow plenty.

IVERA.

ROSE NOTES.

Planting should now be completed if best results are to be obtained in winter, as it is absolutely necessary that the plants make a large growth before the short days of autumn are upon us.

Too great care cannot be exercised in watering. As soon as plants are set in the bed they should be watered close to the plant, so the water penetrates to the bench bottom. In succeeding waterings use the same care in watering close to plant, not wetting the bulk of the soil at the start, but enlarging the watered circle as the roots push out in search of food. Watering the entire bed is not only unnecessary, but frees plant food that will be needed for the development of the plant later, and which the rootlets have not spread sufficiently to gather, nor is the plant strong enough to absorb and assimilate it; besides, watering the entire bed encourages the growth of weeds, which are not only unsightly, but draw nutriment from

the soil which should be retained for the roses. If the soil is in proper condition at planting, and it is folly to plant in it unless it is, the water that falls from syringing and damping down is ample to keep it in condition.

Stir the surface of the soil frequently. This keeps down weeds and acts as a mulch, which assists greatly in conserving the moisture and obviates the necessity of watering the bed. When stirring the soil, leave the surface as level as possible, and do not hill up around the plants so the foliage will rest on the soil.

Tying up the plants should be proceeded with as rapidly as possible. No. 9 to No. 12 wire stakes are almost universally used, and I believe this is the best way yet introduced. One end of the stake is inserted in the soil near the plant, the other tied to a No. 18 wire run lengthwise the bed directly over the rows of plants. In tying to the stakes, don't bunch the plants tightly, but tie each shoot so it will be straight, and not crowd its fellows, remembering that each leaf that is torn, broken or crumpled is so much of the plant destroyed. To draw a cord around an entire plant and pull it together for the sake of a quick job is very poor practice, for if they are bunched closely together, moisture accumulates and black spot and other fungous diseases follow.

All the air possible should be given at this season day and night.

A. O. T.

FUNERAL DECORATION.

The accompanying engraving is from a photograph of the decorations arranged by Mr. W. E. Hall, Clyde, O., for the funeral of George Burton Meek, who was killed on the Winslow, and who was the first of the naval heroes to give up his life in the freeing of Cuba.

The anchor seen at the left was three feet high, and was made solidly of Flora Hill carnations. The lettering was red and the cable blue. The picture makes quite plain the various details of the decoration.

AMERICAN CARNATION SOCIETY.

Wednesday, Aug. 16th, in the meeting room of the S. A. F. at Detroit, Mich., there will be held a meeting of the Executive Committee of this Society. The object of the meeting is to arrange a programme for our next annual meeting at Buffalo and prepare a schedule of premiums for the exhibition.

All members of the Society are invited to be present and give their views on the above subjects. Those who can not attend the meeting are invited to present their ideas to the Secretary in writing and they will be given due attention.

The following scale has been adopted for judging carnations in all the classes at our next exhibition and it will be well for all members and intending exhibitors to familiarize them-

selves with this scale so that they can have their exhibits come up to its requirements. It will be noticed that there is no provision for judging plants and as a consequence there will be no need to exhibit a plant in order to secure a Certificate of Merit as heretofore. The scale is:

Color	25
Size	20
Stem	20
Form	15
Substance	10
Fragrance	5
Calyx	5

Total 100

ALBERT M. HERR, Sec'y,
Lancaster, Pa.
W. P. CRAIG, Pres.

DETROIT.

Let us take a Jefferson avenue car in front of the City Hall and away to the resorts of the rich of Detroit, Grosse Pointe, on the shore of Lake St. Clair. But on the way out we will stop for half an hour at Water Works Park, at the entrance of which is the beautiful memorial gate of C. Hurlburt, a deceased member of the water commission, who left a large fund in trust, the proceeds of which were to be used in the adornment of the grounds of the pumping station. Just inside is the floral clock run by water power, and very reliable time it keeps. The stars and stripes, calendar, castle and other designs are all beauties, and Foreman Plum is justly proud of his park and grounds. Again taking the car, we go out to Mr. Berry's, at the Pointe, who has the largest private collection of orchids in the west and one of the most beautiful places. The residences of Senator McMillan and others, with their large and spacious lawns, are well worth a trip. This trip will cost 10 cents.

Bowling Trophy.

President Balsley, of the park commission of Detroit, has, through his efforts, secured another beautiful bowling trophy. It is a silver ball supported by three pins resting on an ebony base and is a beauty. It is donated by the mayor, comptroller, clerk and thirty-four aldermen of the city, whose names are all engraved on the ball. It is to be given to the team making the highest score in any one game of the series, kept by them for one year, and to be played for at the next convention. The team winning it twice will own it absolutely. Each team winning it is to have the name of the club engraved on the ball. Mr. Balsley says he will also have other trophies for individual scores, etc., so it looks as though with the Evans, Balsley, Dayton Co. and other trophies that the bowling contest would be a hot one.

The only space left in Exhibition Hall is the stage and part of one table. The stage space is good, so can take care of a few more desirable tenants at reasonable rates, etc.

Vice-President Breitmeyer is in Philadelphia for two weeks. G. H. Taepke and wife will go to Mackinac on the 24th for ten days. J. Austin Shaw has put in his appearance and is trying to teach the bowlers the Omaha curves.

RAG.

An Air of Goodness!

Such lovely weather and such crowds of people with badges and decorations! And beautiful women and ministerial men, and such an air of goodness! I knew at once when I landed here that the Christian Endeavorers owned the town. It seems a pity that the florists could not have had their convention at the same time. It would have been so appropriate and Brothers Carmody and O'Mara and Manda and Vaughan and Pollworth and Scott and Kift and "Others" would have had such an elegant time.

The florists had their windows decorated in style and "C. E." in immortelles was much in evidence. Great tents holding audiences of 10,000 were filled with earnest souls, and nearly 20,000 strangers thronged the streets and cars and churches. Still the florist business didn't realize the benefit expected. No great church decorations were indulged in and most of the delegates wore little floral decoration save the "Pure flower of a blameless life."

The Coming Convention.

But this convention will not be in it with the Florists' Convention in August, and although only about 1,000 are expected I am confident they will have a "larger time." Apart from business and exhibits and learned papers the restful and amusement features of your coming convention are to be unique. Already the club has raised a big lot of ducats, sufficient to cover all possible emergencies. There will be park drives for the ladies, boat rides for all, sulphur baths for the infirm, a great fish supper at Star Island and every facility for bowling, shooting and athletic sports. The Detroit florists look for an enormous turnout and will give you a royal reception. They are going to catch the fish for your banquet before your very eyes and are fattening a superior breed of frogs for your dessert.

The Florists' Club is a unit, perfect harmony prevails, and the members are all pulling together. The Club here will be a surprise to you in unanimity and numbers. There are now nearly 75 members, the meetings are splendidly attended and the cordiality manifested is a revelation. Such energy and forethought have been employed in the preparations for your convention that you could safely meet here now, so advanced and complete are all the arrangements.

Nothing has been forgotten. Mr Rackham has been indefatigable and his brethren all say he is the "Right Superintendent in the right place." He is now on a still hunt for more space and his exhibits are coming from all over the country, even from as far as



Decorations for the Funeral of a Naval Hero.

New Orleans. The western growers are to be largely represented, and the extreme east is well in line. Philadelphia will be especially "on deck." It would be hardly fair to enumerate the exhibitors, but I may safely say that the very best houses of the country in every horticultural line will be here. A few thoughtless or careless ones have not yet been heard from and Mr. Rackham suggests immediate replies, one way or the other, as to the little space remaining.

Fifty bands of music will be here convention week and in line at one time playing the same tune—"The flowers that bloom in the spring." Harry Balsley says the Band convention was arranged for that week simply as a part of the florists' entertainment. At any rate the city will be full of music, in addition to the kind the florists usually make wherever they go. Winterson's quartette will lead the procession.

I have seen the alleys where the national contest will take place and I never saw better ones. There are seven perfect alleys and room for 500 "rooters" on the side. About fourteen clubs are expected to compete. First, second and third club and individual prizes are to be given, and all are valuable and worth striving for. The latest

offer is a set of six lignumvitae balls and cases by the Bowlers' Supply Co., Dayton, O., and these will probably go to the winners of second place. The Detroit boys figure it out modestly thus: Philadelphia, 1st; Omaha, 2nd; Detroit, 3rd; With St. Louis, New York and Buffalo among the "also ran." It will be a fight well worth coming from Denver and Boston to see at any rate. Remember the date—Friday, Aug. 18.

The shooting contest will have the right of way on Thursday and will be a distinct feature of the convention. Wednesday will be the "great day of the feast." The boat ride to the "Flats" where the fish are will be the best feature of the week. Until 7 o'clock the delights of the lake and river will be enjoyed. On the way dancing facilities will be provided, and the fat men's race will take place on the deck of the steamer. Mr. Flowerday tells me this will actually take place and that a handsome prize will be presented to the winner with appropriate remarks by the author of the Florists' Manual. Dilger, Balsley, Sullivan, Hupprich and other heavyweights have already entered.

The retailers all report an excellent July trade and are very busy. Many of them are making elaborate improve-

ments in anticipation of your visit and I am confident no one who takes time to enjoy the convention in August will ever regret it. The decision to hold the next meeting in New York will, I believe, be unanimous.

Various Notes.

Dennis T. Connor, of Philadelphia, is a guest of J. F. Sullivan, having rented his greenhouses at Lausdowne, Pa. Mr. Connor is one of the best known rose growers of the country. He will probably remain in Detroit till after the convention.

Philip Breitmeyer, president of the local club, and vice-president of the S. A. F., is enjoying a pleasure trip to New York and Philadelphia.

Friday night, July 14, was bowling night in the Convention City. Two lots of alleys were utilized and a most cordial crowd of "harmonious" athletes gathered in "Harmonic" hall, where your convention will be held. The alleys where the great contest will take place are a block or so away. These were tested Friday night, and on them one of the visitors made the high score of the evening. At the close of the bowling Mr. Beard took a flash light of the players and this picture should strike terror into the

hearts of the St. Louis contingent. Following are the scores:

	1st.	2nd.	3d.	4th.	Av.
Ferguson	123	155	163	128	142
Connor	115	152	157	141	140
Watson	132	136	149	...	136
Shaw	194	207	184	120	129
Dunn	117	207	141	111	126
Holzmagle	125	149	97	...	124
Pantke	117	129	132	102	120
Sullivan	108	128	...	...	118
Rackham	96	94	110	157	114
Beard	117	112	196	117	113
Flowerday	107	115	...	...	112
Pickworth	39	115	119	196	160
Hupprich	99	76	126	97	109

Following are the scores made by the Detroit bowlers last Monday evening (July 17):

	1st.	2nd.	3d.	Av.
Beard	191	127	153	151
Watson	132	151	112	132
Holzmagle	...	145	113	129
Flowerday	128	165	94	129
Dunn	109	159	125	128
Rackham	133	110	118	120
Shaw	191	156	95	117
Pantke	...	107	121	111
Hupprich	90	138	104	111
Sullivan	90	116	92	99
Taylor	112	94	78	95
Pickworth	89	85	104	93

AUSTIN.

NEW YORK.

Just a few words to the wholesale florists of New York. Now that you have gotten together and signed an agreement to close at 4 p. m., or on any other "old thing," why not stick together and protect yourselves and the growers, aye, the trade in general, against the thieves and frauds that infest and degrade our business. Purify the business by organizing yourselves. "Blacklist" all the frauds, do away with the long credit system, make it the old thirty day limit, put interest on after that, and sell nothing to those 60 or 90 days behind in payment. Get the business down to a cash basis as near as possible. You know how greatly you will benefit by it. There will be just as many flowers sold, and the honest retailer will get a better chance. Long and bad credits are a curse, a millstone around the necks of life and progress, and why should you tolerate them? Surely there's manliness and courage in your hearts somewhere, or else you would never succeed as you have done. Sign another paper that will kill these "life-suckers," and don't forget the "blackmail item."

Talking of blackmail, we have been requested by several wholesalers to expose the evils of affairs like the "Bogert fishing excursion," which occurred last Thursday. The Review is fearless in the cause of honesty and is glad to see people enjoy themselves, but when an obscure florist organizes an outing and compels every business man he deals with to purchase five or ten dollars' worth of tickets, why, it's an outrage, but apart from this the "outing" has become notorious as a gathering of hoodlums; we know of several who attended for the purpose of "punching people." They who make such affairs possible and successful by financial assistance are not blameless. Let us have lots of "outings," but representative ones, and remember, we as florists have reputations at stake. If

the wholesale boys want to go on any picnic, let them get up one of their own, it's time they did.

It was rumored that the growers and buyers attending the cut flower market at Thirty-fourth street ferry were going to have an outing, but deferred action in favor of the Florists' Club's intention. Let's get together somehow and anyhow, and have one good day by the bright sea waves.

Business is too poor to discuss this week; anything else is preferable, so let's continue gossip and stirring folks up. Rumors are rife that we will soon have a growers' club in New York; the more clubs the merrier, but let 'em all be one in principle. What became of the committee appointed to wait on the authorities ament a new or a better plant market? Are plant growers satisfied with the present junkhole of a market? If the Jerseyites are the Manhattanites are not. Get together, boys, and better yourselves. This paper will help you.

Cleary, the auctioneer, and many of the growers, inform us that they are deeply considering the advisability of holding cut flower auctions down town next season. There is some reason to doubt the wisdom of the innovation. We would like to see a good market built and auctions held there after certain hours if necessary, but any legitimate mode of winning money is characteristic of the country, and, boys, the dollar in your pocket is one of your best friends, after all.

The club's transportation committee met on Friday and discussed the best method of getting the boys to Detroit. Nothing definite was done, but progress reported toward having the delegation from New York connect with the Philadelphians and others along that route, and that chaperons will not be fashionable this time. The committee will attend to the fare of one and one-third rate, to the comfort of the boys en route, and then everyone will be at liberty to choose their own camp at Detroit. Descriptions and costs will be furnished by the local committee. We are glad to learn that the New York delegation have the courage to venture out to the wild west without a guide. In doing so they show the Yankee spirit which loves to do as it pleases and roam where it likes, untrammelled and without dictation. Chaperons are O. K. for invalids and old maids, but not for the men we want to send to get us the convention for 1900.

Among those identified with our business who sailed for Europe during the past week was Julius Roehrs, of Carlton Hill, N. J. Mr. Roehrs has gone to look after some of those tall kentias, etc., we are apt to buy at big prices next season. Sam Goldring, Albany, N. Y., visited the metropolis during the week; he looks just the same as when we were all young many years ago.

The "bowling set" caught new life tonight. Alex Burns was busy collect-

ing dues from those anxious to roll for the club at the national tournament, and it looks as if New York will have enough bowlers there for several teams. The temperature at the alleys was over 90, but what's that to the higher degrees of fun and enthusiasm. Following are the scores:

A. Burns	121	151	156
F. Traendly	107	149	134
W. Siebrecht	149	159	110
H. Bunyard	129	122	...
F. Atkins	139	112	...
J. Troy	98	122	...
J. Withers	127	129	94
T. Roehrs	123	125	166
Cook	121	116	116
J. Donlan	113	127	136

There is talk of a match between the New York Gardeners and the Flat-bush teams in the near future. What's the matter with a three-corner rub with the New Yorks before convention?

IVERA.

BOSTON.

The Market.

The trade the past week has been only a continuance of the usual summer business; outside of a little funeral work there is nothing doing, and if it were not for keeping up appearances I think that the retail stores would close up altogether.

Roses are rather poor in quality. Brides and Maids running from \$2 to \$8 per 100; very few bringing the latter price; Kaiserins are not plenty and are eagerly sought after, from \$6 to \$10 per 100 are the asking prices; Meteors run from \$2 up; while Beauties are not plenty and of poor quality, prices ranging from \$2 per 100 to \$2.50 per dozen.

Carnations are still plenty. Quite a few growers are beginning to cut from out of door plants; prices run from 50 to 75 cents per 100, with a very few bringing a trifle more; sweet peas have taken a decided tumble, running from 75 cents to \$1.50 per 1,000, quality not first class; asters are not yet much of an item, a few good blooms coming into the market, \$1 per 100 being the selling price; valley, forced, worth \$4 per 100; odds and ends the same as last week.

John Fee, of Jamaica Plains, has the market on some clean looking longiflorums grown in the open ground; price from \$1 to \$1.50 per dozen.

The Saturday Exhibition.

The show this week was devoted to exhibitors of hydrangeas in tubs, gloxinias, achimenes, etc., and was quite extensive. Prizes were awarded to H. Dumaresq for some elegantly grown specimens of Hydrangea Otaksa; taking 1st for a pair and 1st for a single specimen. He was also awarded 1st for achimenes, grown in 10-inch pots. For cut blooms of tuberous begonias, Mr. Dumaresq received 1st; E. S. Converse, 2d. For collection of hardy aquatic plants, 1st, Mrs. John L. Gardner. For collection of hardy ferns, 1st, C. C. Kingman; 2d, Miss Alice L. Grinnell; 3d, the Misses Doran. For native

plants, cultivated, 1st, Miss Edith Noyes. Gratuities were awarded to Mrs. Gardner for Miltonias and Nertera depressa; G. F. Sylvester for hollyhocks; Rea Bros. for hardy perennials; Mrs. John L. Gardner for Phlox Drummondii; Geo. Hollis for ipomoea; E. C. Lewis, heirs of Joseph Fay, and others, for displays of seasonable bloom.

The News.

W. J. Murphy, of N. F. McCarthy, is enjoying his vacation down in Maine. He expects to return next week, when his co-worker, John Kelly, will make a pilgrimage to the same resort.

Lord & Burnham Co. are erecting a carnation house, 250x23, for Patten & Co., Tewksbury, Mass.

Ned and P. Welch are resting from their long season of arduous store work, and are now enjoying the sea breezes at Old Orchard, Maine.

Arthur Houghton, of Galvin's Tremont street store, has gone abroad.

Ernst Asmus, of New York, has been in town this week. P.

INDIANAPOLIS.

The regular meeting of the State Florists' Association was held at Garfield park, Tuesday evening, July 11. The picnic committee reported that Broad Ripple park had been decided upon for our annual outing, which will be held on July 19. It will be a family picnic and all florists are invited to bring their families or sweethearts, as the case may be. The florists are especially requested to give their employes a holiday on that day so that they also can enjoy themselves. The committee has on its programme music, baseball, football, cards, etc., and from appearances all who attend are sure of a good time.

After the meeting refreshments were served, and Mr. O. T. Pfann and Mr. G. Penn entertained us with a few musical selections that were greatly enjoyed.

Robert McKeand, our city florist, was kind enough to show the writer through Garfield park recently, and I must say that the beds are all in elegant condition and very showy. His new seedling canna, Mrs. R. A. McKeand, is a beauty. It is dwarf in habit, growing only two feet high, orange red, blotched and bordered with canary yellow, and a good sized flower. He has a large bed of these and they make a grand show; he also has several other new varieties that promise to be good. Mac certainly deserves credit for the artistic designs and flower beds that he has in Garfield park.

It is reported that we soon will have what has been a long felt want, and that is a wholesale commission store. It is understood that Mr. H. G. Berning, of St. Louis, will open a store here about September 1. He will be heartily welcomed by all the growers, and I feel safe in saying that he will be successful.

Indications are that about eight or ten Indianapolis florists will attend the convention in August; sorry we can't all go.

The next meeting will be held at Garfield park. There will be something in store for the boys, as several have become papas during the past month. So don't miss this meeting. FRED.

ST. LOUIS.

Club Meeting.

The regular monthly meeting of the Florists' Club was held Thursday afternoon, July 13. The meeting was called to order by President Sanders, with twenty members present. The weather was very warm and the attendance was not as good as it should have been.

The chrysanthemum show committee reported that \$1,700.00 had been subscribed in special prizes. The picnic committee reported that everything was in readiness for our annual outing on the 20th, and about 150 tickets were already sold.

The chairman of the transportation committee reported the rates to Detroit, and the probabilities are that we will go by way of Toledo, over the Clover Leaf.

After the regular routine of business the nomination of officers for the ensuing year took place, and the names of the following members were proposed for the various offices:

President, Fred Ammann, of Edwardsville; vice-president, Charles A. Kuehn and Chas. J. Juengel; secretary, Emil Schray; treasurer, J. J. Beneke; three trustees, Max Herzog, Julius Koenig, Jr.; Dr. Halstedt, F. J. Fillmore, E. H. Michel, R. F. Tesson, C. C. Sanders, E. W. Guy, H. G. Ude and J. W. Kunz.

President Sanders read his essay on the nursery and jobbing trade, which was very instructive, and a vote of thanks was extended him by the club.

Mr. Chas. D. Ball, of Holmesburg, Philadelphia, sent the club, with his compliments, a very handsome book on Philadelphia, for which the members are very thankful.

The next meeting of the club will be held Thursday afternoon, August 10, just three days before the members start for Detroit, and anyone who is going with us should not fail to be at this meeting. The election of officers for the ensuing year will be held at this meeting; also other very important business will be transacted.

The Market.

The past week has been a very quiet one, prices on most stock remaining stationary. Some very fair roses are coming in from new stock; for the best \$1 is being asked; Kaiserin is decidedly the best of the white sorts, and has the call.

Carnations have dropped a little in price, none going over \$1, which is for the best stock; 50 and 75 cents for

medium grades; sweet peas are still a glut, the best bringing 25 cents per 100; others 10 and 15 cents; asters are becoming more plentiful; the best sell at \$2; others \$1; gladiolus bring \$2 to \$5; smilax seems slow and very little called for; good strings bring \$12.50 per 100.

Some of the growers will begin housing their carnations next week. They are looking fine, especially Daybreak, which is praised by all. Last year this variety was bad with nearly all the growers.

Various Notes.

Mr. J. Johann, of Collinsville, Ill., was a visitor last week and attended the club meeting. Mr. Johann will at the next meeting of the club make application for membership.

C. Young & Sons Co. are remodeling their store at 1406 Olive street.

Frank Bucksshot and Charlie Wors are now employed in the city parks.

Max Herzog, Beyer Bros., Felter & Bruker, F. J. Fillmore, Fred Meinhardt and J. Koenig's Sons are very busy these warm days rebuilding and painting their houses.

Bowling.

The Florists' Bowling Club rolled four games Monday night. The weather was cool and the attendance good. Twelve rollers put in their appearance, including J. S. Wilson, of the Chicago Florists' Bowling Club. Some very fine scores were made, considering (as Jim Wilson says) the hardest alleys to roll on in this country, and his scores below will show that he is telling the truth. E. W. Guy, our new member, has the making of a good roller. The scores for last Monday night are as follows:

	1	2	3	4	Tot.	Av.
C. A. Kuehn.....	156	141	145	178	620	155
C. C. Sanders.....	169	158	122	...	449	117
J. W. Kunz.....	138	180	118	...	436	114
J. J. Beneke.....	128	157	147	129	561	140
Emil Schray.....	139	139	98	...	376	125
E. H. Weber.....	...	131	105	133	369	123
E. W. Guy.....	111	136	121	...	368	123
F. J. Fillmore.....	139	108	101	126	474	119
F. C. Weber.....	...	109	124	...	233	116
J. S. Wilson.....	120	116	117	108	461	115
R. F. Tesson.....	117	108	...	...	225	112
John Young.....	...	90	124	...	214	107

J. J. B.

ST. PAUL.

There is some trade to be obtained notwithstanding the heat and the consequent exodus to the lakes and cooling off places. June closed the best year's trade on record and the record so far in July has been a good one. Roses and carnations are scarce, especially good white ones. Prices are well maintained, and the growers who hesitated before throwing out old plants have reaped good results from them. Early planted summer stock is now in boom. Kaiserin, Carnot, Testout, Beauty and Meteor are the principal varieties grown for summer blooming.

Florists' Picnic.

The annual picnic of the Twin City Florists and their friends was held at

Wildwood the 11th inst. There was a good attendance, from 100 to 125 being present. Amusements were plentiful and varied, while the trolley ride was not the least pleasant part of the trip. G. Will, of Minneapolis, won the first prize at bowling, with E. Swahn second and E. Nagel a close third. Ed. Swahn also carried off the honors in shooting. C. T. Vogt, of St. Paul, won the fat men's race, and Frank Gustafson the lean men's. St. Paul ladies carried off the honors in bowling and running. Much credit is due the committee, Messrs. Nagel, Swahn, Swanson and Vogt, for the pleasant outing. A. N. Kinsman, of Austin, and Wm. Strehlow were the out-of-town visitors.

Recent callers were A. N. Kinsman, of Austin, who is building two new houses.

J. L. Johnson, of Lord & Johnson, Owatonna, was also a caller. This firm, started about six months since, are well pleased with their success, and are erecting two more houses.

Mr. Goepfinger, representing the old established seed house of Andre Leroy & Co., was a recent caller on the trade here; also W. H. Small and wife, of Evansville, Ind.

L. L. May has just returned from an inspection tour of the pea crop at Sturgeon Bay, Wis.

A. S. Swanson is building two new houses and Fred Franke one.

X. Y. Z.

CLEVELAND.

Business has settled into the regular midsummer rut. The only thing doing is funeral work. What little trade that was left was put to sleep by another street car strike Monday. There is a shortage in flowers. Roses are poor. Carnations bring from 75 cents to \$1 per 100; sweet peas dropped to 10 cents per 100; calliopsis brings 20 and 25 cents per 100; asters come in slowly and bring \$1 per 100. Golden rod, Queen Anne lace and other wild flowers are chiefly used for window displays.

Mr. J. M. Gasser is cutting some fine *Cattleya gigas*, about the only orchids cut in the city.

A. H. Graham, of A. Graham & Son, and Miss Blanche Sanders, of this city, were married on the 22nd of last month. After a trip through the east they will reside on Euclid avenue.

James Eadie is rebuilding nine of his houses.

Mr. Humfeld, of Kansas City, Mo., called on us last week.

A short time ago quite an item appeared in the other trade papers about the crape chaser who got caught by calling on a florist's relative. And now it is known that the florist who made all the hub-lub calls on bereaved families with his little book. People in glass houses should not throw bricks.

Cleveland will be well represented at the convention next month.

Miss Florence Steimal, of J. M. Glasser's, is on a two weeks' trip.

O. A. C. O.

CHICAGO.

The Market.

The midsummer dull season is now in full swing, but the general opinion seems to be that trade is rather better than at the same time last year. There is not much in the way of roses and carnations in the market, and all that is good finds a purchaser. As a rule quality is poor though some very good Kaiserins are to be seen, and the new crop of other roses are increasing in quantity and are showing some improvement in quality. There is still quite a lot of poor Maids coming in from plants not yet thrown out.

Gladiolus are to be seen in quantity, as well as water lilies and both move very well. McKellar & Winterson have had very large consignments of gladiolus. We noted at their place a large quantity of *Euphorbia corollata*, a native hardy flower that will undoubtedly be very freely used in season when its good qualities become better known. It is exceedingly useful in the hands of an artist and it lasts well, too.

Asters are beginning to come in more freely but are not yet very high grade.

Club Excursion.

Those who participated in the excursion to Benton Harbor on the 12th report a very enjoyable time. There were 58 people in the party, the weather was fine and the trip across the lake was very pleasant. On arriving at Benton Harbor at 1:30 p. m. the party was met by Messrs. Gentle, Shackell and Crooks, who had cars waiting in which the excursionists were at once taken to the establishment of the Twin City Floral Co., where an excellent lunch was served.

After an hour had been devoted to satisfying the inner man the basket factory conducted by Mr. Gentle was visited and the interesting process of manufacture explained in detail. The cars were again taken and the party conveyed to Orchard Park, five miles away, where was found a band of 30 pieces which rendered numerous selections, including dance music, which was taken advantage of by those so inclined.

The boat for home was taken at 5 p. m., after a vote of thanks to their entertainers had been passed with three cheers. Singing and dancing filled up the time on the return trip, and at 9:15 p. m. the party reached Chicago again, much pleased with its visit to Michigan.

Next Excursion.

The next excursion will be to Blue Island on the invitation of Messrs. Heim Bros. This will take place next Wednesday, the 26th inst. The party will take the Alley L at Randolph street at 10 a. m. to 63d street, thence by electric car at 11 a. m. direct to the establishment of Heim Bros. The spread for the visitors will be ready at 2 o'clock sharp. There will be base

ball and other games and a very enjoyable time is assured.

Various Items.

Walter Heffron will be on deck again Saturday refreshed by his little vacation.

Mr. E. E. Pieser has returned from his brief outing. He will take a longer one early in August.

Nick Wieter and Aug. Lange are spending a few days at Wauconda, Ill.

G. H. Pieser is now able to put in a few hours each day at his desk.

Flint Kennicott is taking his vacation layer cake style. One day on and one day off at his country place.

James H. Brumby, well known to the trade here for many years, died July 13 at Harvey, Ill. Mr. Brumby had been in poor health for some time, but a fatal termination of his illness was quite unlooked for. He was employed at Harvey for a year past, but had left his position there and was seeking rest and recuperation, but evidently he took this step too late.

The recent heavy and continuous rains may cause some damage to field carnations in heavy soil or low-lying places.

Bowling.

Four more games in the handicap prize series were played at the alleys last Friday evening, and following are the scores and averages:

	1st.	2nd.	3d.	4th.	Tot.	Av.
Geo. Asmus	171	171	171	171	684	171
Geo. Stollery	177	138	187	142	644	161
C. W. McKellar	128	172	145	126	571	142
Ed. Winterson	119	133	142	176	570	142
Chas. Hunt	120	149	144	117	530	132
P. J. Hauswirth	129	139	137	136	541	135
W. Kreiding	117	149	131	144	541	135
G. L. Grant	134	127	117	117	535	133
Jno. Degnan	109	126	173	125	533	132
A. Henderson	129	147	104	99	479	119
F. Stollery	108	110	123	115	456	114
M. Barker	104	104	104	104	416	104

GRAND RAPIDS.

The month of June will pass into history as the heaviest, most satisfactory business month the plant trade ever experienced, to say nothing of cut flowers, the demand for which was far in excess of the supply.

Cut flowers remained of good quality until the 23rd of June, when they went from bad to worse, but the demand was so great roses and carnations which, at any other time, could hardly be given away, were sent out as good at regular prices and no kick.

Shipping trade remained good until the 4th. We are now beginning to experience the dull midsummer season. Carnations, 25 cents per doz. and of poor quality; roses, 75 cents to \$1 per doz. There are a few Japanese lilies to be seen at the stores. Most of the roses and violets are replanted, the weather being the best for carnation and crop growing in years, and the carnations in the field look fine.

Everybody is busy, either building or making repairs. The Grand Rapids Floral Co. have removed all their carnation houses from the old place to the new, so as to get them all together. They have all their planting done except one rose house which is in the



View of the store of Messrs. Johnson & Stokes, Philadelphia.

course of erection. Mulic Bros. are building one house and putting in a large steam boiler, and Peter Kunst is adding two houses for bedding stock. Paul Goebel intended building several houses, but is so disgusted with the price of glass that he will wait until next year.

Paul Goebel's son Jean has been appointed superintendent of Valley City and Oak Hill cemeteries. His other son, Frank, who has been working in Wisconsin, is on his way home to take Jean's place in the greenhouses.

Levi Bronslee has leased W. A. Chapman's greenhouses for five years. Levi is a hustler, has a good stand, and he will make a success of his new venture.

Wm. Cunningham is building an addition to his potting shed and boiler room.

Harry Balsley has invaded the town with his violet pan, and several are going to try it. Crabb & Hunter will try two houses, the Floral Co. will

take up and replant 1,000 plants so as to give it a proper trial; others are doing the same. Harry is president of the Detroit park commission, and has promised Wencil Cukierski, superintendent of the Grand Rapids parks, two of the fine herd of elks they have in Detroit. He thinks our parks are as fine as any he ever saw, except in extent.

There will be no club meeting until the first Tuesday in September.

GEO. F. CRABB.

FLATBUSH, N. Y.

Whenever we want a "good time" we try to reach the Flatbush alleys on a Thursday night. There it is not only the fun on the alleys, but it's the general good fellowship, the reunion of "old timers" with all the anecdotes and memories which are sure to follow, and it's strange how the visiting florists from far away states have a way of avoiding the frills of New York

and dropping in to see Papa Zeller or some other of the boys.

The club expects to send a team to Detroit, and if they do they will not be the lowest on the list. On Thursday night last, after the games, the party adjourned to a nearby hotel, where a most enjoyable supper and conversation was indulged in. It was the anniversary of the Fall of the Bastille, and Louis Schmutz and Le Moult entertained the crowd with alternate verses of the "Marseillaise" and "Wacht am Rhein." The following are the scores:

C. Wocker	113	128	90
P. Dailedouze	144	176	...
Woerner	107	102	198
Papa Zeller	103	98	79
W. Prosser	119	97	133
P. Riley	151	236	163
S. Butterfield	123	90	...
W. Stewart	116	135	194
J. Lee	107	156	...
A. Le Moult	93	126	...
A. Zeller	163	159	...
E. Dailedouze	159	152	...
L. Schmutz	98	123	100
H. Dailedouze	137	111	...
G. Kunz	125	134	...
H. Eichholz	66	...	...
J. Raynor	89	164	142
J. Lang	111	88	108
J. Donlan	...	82	83

J. I. D.

THE LETTER A.

Under the letter A the following subjects are most exhaustively covered by Mr. Scott in the Florists' Manual:

- Acer Japonicum (Japan Maple),
- Achillea,
- Achimenes.
- Acrophyllum,
- Agapanthus,
- Agave,
- Ageratum Mexicanum,
- Allamanda,
- Alocasia,
- Aloysia citriodora,
- Alternanthera,
- Amaranthus,
- Amaryllis,
- Ampelopsis,
- Annuals,
- Anthericum,
- Anthurium,
- Antirrhinum,
- Aponogeton,
- Araucaria,
- Ardisia,
- Aristolochia,
- Aspidistra,
- Aster,
- Azalea.

In the article on asters most complete instructions are given as to all the minute details of seed sowing, and this one article is a remarkably valuable contribution to the literature of the profession. Mr. Scott fully understands that his readers want instructions on every important point and that to make them quite plain the reason for each move must be given. The Manual will be even more than it was promised to be.

IF YOU HAVE any surplus stock to sell offer it in our classified ads. The cost is slight and your offer will come under the eyes of all possible buyers.

NEW LONDON, CONN.

The funeral of the late Capt. S. A. Gardner, which occurred here on July 12th, was very largely attended by the officials of the New York & New Haven R. R., and all the boat lines between New York and Boston. Over forty floral tributes were sent. The local florists were very busy, many of the designs being sent from New Haven and Boston.

The largest of the pieces were furnished by John Young, of New York. These consisted of a fac simile of the steamer Priscilla, seven feet long; a 6-foot reclining anchor, an 8-foot pilot wheel, a 5-foot pillow, and a large star. These were ordered by the different divisions of the transportation lines of which the deceased was general manager. The designs were the largest ever seen in New London and caused much admiration. They were sent in a special car from New York.

D.

GIBSON CITY, ILL.—Swan Peterson is building four 16x80 and three 10x80 feet houses, which, when completed, will give him one of the best violet establishments in the state. In all he has eleven houses. His carnations and violets are looking fine, in fact were never better.

SPRINGFIELD, MASS.—The sweet pea exhibition has been postponed until August 1st and 2nd on account of recent heavy rains.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR SALE—A bargain, if taken at once. \$150.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

FOR SALE OR RENT—Four greenhouses and dwelling; good retail stand. A. Claus, Springfield, Ill.

SITUATION WANTED—An up-to-date cut-flower artist, designer and decorator, second to none and a good salesman, now with one of the best firms in the country, wants to make a change; best of reference. For full particulars, address E. V. O., care of Florists' Review.

SITUATION WANTED—By young man, age 24, in retail or wholesale florist store; 5 years' experience in greenhouse and store; speaks German and English; best of references. Address A. B., 156 Gratiot Ave., Detroit, Mich.

WANTED—Gardener and florist, Sept. 15, 1899; man now filling the place leaves me to go on his own farm, after having been in my employ over ten years; required to care for cow and horse, as well as garden and small greenhouse; must be sober, steady and able to meet well the requirements; wages \$25.00 per month with board and room; situation permanent for the proper party. Address G. E. Dille, Palestine, Texas.

ASPARAGUS PLUMOSA NANA,

2½-inch pots, \$6.00 per 100.

ASPARAGUS SPRENGERII, 2-in. pots, \$5.00 per 100.

CYCLAMEN, 4 distinct varieties, Sept. sown and in excellent condition, 2½-in. pots, \$5.00 per 100.

PRIMULA OBCONICA. Extra strong, ready for 5-inch pots, \$6.00 per 100.

ROSES. The Bride and Mermet, extra strong, 3½-inch pots, \$6.00 per 100.

SMILAX, from 2½-inch pots, extra strong Winter sown, ready to run as soon as planted, \$2.50 per 100.

NATHAN SMITH & SON, Adrian, Mich.
Mention The Review when you write.

Choice Rose Plants

FOR SALE
BY....

Bassett & Washburn.

1,000 Beauties, just been potted up in 3-inch pots, price \$6.00 per 100.

1,500 Brides, 2-inch pots, \$3.00 per 100.

1,500 Brides, 3 " " 5.00 "

7,000 Bridesmaids, 2 " " 3.00 "

1,500 Meteors, 2 " " 3.00 "

1,000 Meteors, 3 " " 5.00 "

The above stock is all strictly first class.

No orders for less than 100 plants accepted at these prices.

Plants will be shipped from our Greenhouses at Hinsdale, Illinois.

Bassett & Washburn,

76 Wabash Avenue, - - CHICAGO.

Mention The Review when you write.

Cypress Greenhouse Material.

We are the pioneers in Clear Cypress Greenhouse Material. We discovered that Cypress is better than any other wood for greenhouses from top of posts up and we introduced it, and fought for it against many prejudices, and finally succeeded in bringing it into general use.

Others have attempted to follow where we lead, others are trying to reap what we sowed, but we have the experience and are recognized as experts in greenhouse construction.

Write for Circulars
or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

M. RICE & CO.

NEW ILLUSTRATED CATALOGUE
FOR THE ASKING.Exclusive Importers and
Manufacturers of

Florists' Supplies

918 Filbert Street, PHILADELPHIA, PA.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CHRYSANTHEMUMS.

We still have the following varieties in stock: Speak quick if you want them.

New Varities of 1899. Robt. Halliday, mid-season yellow; Harry A. Parr, early yellow; Lady Harriett, early pink; Willow Brook, early white; John K. Shaw, early pink; Adele, early pink. Extra fine plants of the above, 6 varieties in quantity at \$10.00 per 100. 12 plants, any variety, \$1.50.

Other New Varities of 1899. Phenominal, Mrs. T. L. Park, Adula, Mavourneen, Silver Wedding, Mrs. F. A. Constable, Mlle. L. Faure, Mrs. N. Molyneux, October Sunshine, Zoradia, White Flyer, Independence, Admiral Dewey, Carrie Bell, Mme. Ferlat, Mrs. Seulberger, 12 plants, any variety, for \$2.00.

Novelles of 1898. Snow Queen, Autumn Glory H. W. Longfellow, Pennsylvania, Solar Queen, Wm. H. Chadwick. Above 6 varieties, \$5.00 per 100. Merry Xmas, latest of all whites, \$6.00 per 100.

Standard Varities. Harry Nanz, Wm. Simpson, Vivand-Morel, M. de Montemort, Golden Wedding, Mrs. Perrin, Good Gracious, Wm. H. Lincoln, Mayflower, John Schrimpton, Modesto, Glory of the Pacific, J. E. Lager, Merry Monarch, Marion Henderson, Mme. Carnot, Sunstone. The above at \$3.00 per 100. 5 plants at 100 rate. We add extras enough to cover express charges.

H. Weber & Sons, Oakland, Md.

Mention The Review when you write.

PEACOCK'S New Dahlias

For 1899—Best New Varieties.
Best Old Varieties.

Send for our New Illustrated Trade List before ordering elsewhere.

Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequalled record.

Best New and Standard Carnations—

Beautifully illustrated and accurately described in our Trade List. Send for copy.

Surplus Stock of Mixed Dahlias—

At right price. Also Dahlias under color. Correspondence Solicited.

W. P. PEACOCK, - Ateo, N. J.

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ORCHIDS

Just received in fine condition.

CATTLEYA LABIATA, C. Mossae, C. speciosissima, C. Harrisoniae violacea, C. Warnerii, C. granulosa, Laelia anceps, L. a. alba, L. autumnalis, L. praestans, L. Dayana and Burlingtonia fragrans.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

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Smilax Plants.

SEEDLINGS.

From flats or transplanted. Write for prices.

GEO. SOUSTER, - ELGIN, ILL.

Mention the Review when you write.

Smilax.

Fine 2 and 2½-inch Smilax plants for sale. \$2.00 and \$2.50 per 100.

JOHN WOLF,

FLORIST, - - SAVANNAH, GA.

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51 Wabash Avenue,

W. S. HEFFRON, Mgr.

CHICAGO.

PRICE LIST--Taking Effect July 20.

ROSES.

Beauties, long, per doz.	\$2.50—\$3.00
“ medium, “	1.50—2.00
“ short, “	.75—1.25
	Per 100
Meteors, Maids, Brides, Kaiserins	\$3.00—\$4.00
Perles	3.00—4.00
Roses, seconds	2.00

CARNATIONS

ARE OUR SPECIALTY.

Ordinary Varieties	Per 100
	\$1.00—\$1.50

Miscellaneous.

Marguerites	Per 100, \$.50
Sweet Peas	“ 15
Valley	“ 4.00

Store open from 7:00 A. M., until 5:00 P. M. Sundays and Holidays closed at noon. During July and August we close at 5:00 P. M.

Mention the Review when you write.

Decorative.

ASPARAGUS.

Per string \$.50
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FERNS.

Per 100, 15c per 1000, 1.00
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Maiden Hair per 100, 1.00
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GALAX.

Bronze and Green, per 100, 20 cents; per 1000,	\$1.50
--	--------

SMILAX.

Common per doz., \$1.25
--------	------------------------

ALL OTHER FLOWERS IN SEASON.

Above quotations are subject to change without notice. P. and D. at cost.

Extra select and inferior qualities charged for according to value.

Regardless of prices quoted all stock will be billed at lowest market rates.

PRIMROSE AND PANSY SEED.

CHINESE PRIMROSE. The finest large flowering fringed varieties grown. Not at all like the cheap imported seed. Special pkt. of thirteen (13) varieties, single and double, mixed, 400 seeds, \$1.00; half pkt., 50c.

GIANT PANSY. The best large flowering varieties to be had. No finer offered; larger lected. Per pkt., 3,500 seeds, \$1.00; half pkt., 50c. A pkt. of the new Forget-Me-Not "Jewel" added to every order. Strictly cash prices.

The Home of Primroses.

JOHN F. RUPP, SHIREMANSTOWN, PA.

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1899

CONTRACTS

1899

Now I am open to quote prices on all Bulbs, Plants and Roots for next season. Send in your list of wants for quotations.

F. W. O. SCHMITZ, JERSEY CITY, N. J.

Mention The Review when you write.

E. H. HUNT
THE "OLD RELIABLE" FOR
**Wholesale
Cut Flowers**
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention the Review when you write.

PITTSBURG.

Considering the mid-summer season, business has kept up well. Funeral work took the bulk of the trade. The demand for white carnations still exceeds the supply; good colored varieties sell readily. Larger quantities of asters are now being received and the quality is good. Roses of fair quality, "season considered," are being received in large quantities, but the demand is limited. Gladiolus, roses and sweet peas constitute the surplus.

This section, as usual, will be well represented at the Detroit convention, a rate of \$8.50 for the round trip has been secured. Those who desire to join the Pittsburg delegation will kindly communicate with the secretary of the Florists' Club, T. P. Langhans, 705 Penn avenue, Pittsburg, Pa. Tickets at this rate can be secured through him only.

Mr. Charles T. Siebert, the carnation specialist, has returned from Cambridge Springs, much improved in health.

Mr. Sam Gass, one of the old members of the Florist Club, is seriously ill.

Mr. A. A. Whitbred, of Altoona, Pa., and Mr. J. L. Wyland, of De Haven, Pa., paid us a visit last week.
T. P. LANGHANS.

OSHKOSH, WIS.

John Nelson, a pioneer florist of this city and well known among the craft throughout the state, died Thursday evening, July 13, at 6 o'clock.

Mr. Nelson was very much devoted to his profession and took a lively interest in the affairs of the S. A. F., though failing health prevented his attendance at recent conventions.

MORRIS, ILL.—A. Mitting and family are spending a few weeks in Holland, Mich. A. M. is feeling pretty good over the 11½ per cent dividend declared by the Morris Floral Co. July 11th.

SEND your adv. at once for The Florists' Manual if you have not already done so. If you are in business to stay you need a card in this great Reference Book.

REINBERG BROS.
Wholesale Growers of
Cut Flowers
800,000 FEET OF GLASS.
No charge for packing.

Wholesale Price List.

AMERICAN BEAUTY	
24-inch stem.....per doz.	\$2.50
20 " " " " " "	2.00
15 " " " " " "	1.50
12 " " " " " "	1.25
8 " " " " " "	1.00
METEOR.....per 100,	3.00 to \$4.00
BRIDESMAID	3.00 to 4.00
BRIDE	3.00 to 4.00
PERLE	2.00 to 3.00
CARNATIONS	1.00 to 1.50

Quotations subject to change without notice. All other stock at lowest market prices.

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine . . .
AMERICAN BEAUTIES.
51 Wabash Ave., CHICAGO

We now close at 5:30 p. m. Sundays and Holidays at noon.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in **CUT FLOWERS**
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

W. E. LYNCH
Wholesale Florist,
19-21 E. Randolph St. CHICAGO.
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A. L. RANDALL
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In our new and enlarged quarters we are better prepared than ever to handle your orders.
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F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St., CHICAGO.
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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

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37-39 Randolph St., CHICAGO, ILL.
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Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Flora. Designs. A full line of supplies always on hand. Write for catalogue and prices.
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FLORISTS
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Growers of **CUT FLOWERS** at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.
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416 Walnut St. Wholesale Florists
CINCINNATI, O.
Consignments Solicited. Special Attention Given to Shipping Orders.
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IF WE HAVE NOT GOT IT
YOU MAY BE SURE IT IS NOT TO BE HAD.

KENNICOTT BROS. CO. CHICAGO.

42 AND 44 RANDOLPH STREET.

Fine Strong Plants ^{FOR STOCK}

Geranium Mme. Jaulin, 3-in., \$5.00 per 100. The Peach Pink Bruant.

Mme. de la Roux, 3-in., \$8.00 per 100. The best single salmon bedding Bruant.

Abutilon Savitzii, 3-in., \$5.00 per 100. A grand bedding plant, grows dwarf and bushy—capital plant to use with Crotons.

Russelias Multiflora and Elegantissima, 2½-in., \$2.50 per doz. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy.

Browalia Gigantea, all sold.

Acalypha Sanderii, all sold.

READY NOW.

THE COTTAGE GARDENS, Queens, N.Y.

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WIRE Rose Stakes,

Straight or Looped and Pointed.

ALSO

THE MODEL EXTENSION CARNATION SUPPORT.

Lancaster, Pa., June 17, 1899.
Mr. Theron Parker.

Dear Sir: Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers who better known. I consider it the best in the market, and if your other specialties are as good they should make another addition to the money-makers of 1000.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on application to

The Model Plant Stake Co.

226 No. Ninth Street.
BROOKLYN, N. Y.

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OUR SPECIALTIES:

We have the
LARGEST WHOLESALE
House in Chicago.

Orchids, High-Grade Roses,
Carnations and Violets.

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

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WIREWORK, CUT FLOWERS, ETC.

Use MASTICA for Building and Repairing your Greenhouses.

Write for samples and prices of our

Improved Folding Cut Flower Box.

ELLIS & POLLWORTH, - MILWAUKEE, WIS.

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We are now gathering our new

Sphagnum Moss

for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.

Z. K. JEWETT & CO., - SPARTA, WIS.

GOLD FISH and AQUARIUM SUPPLIES.

Send for Price List.

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SEED
STORE.

6112 and 6114
Wentworth Avenue,
CHICAGO

CARNATION Cuttings ^{ALL} SoLo.

Field-grown Stock for Fall Delivery.

F. DORNER & SONS CO., La Fayette, Ind.

Mention The Review when you write.

Rooted Cuttings of Carnations ALL SOLD.

We are booking orders for Field Grown Plants.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention the Review when you write.

THE MODEL ROSE STAKE, LOOPED AND POINTED.

THE MODEL PLANT STAKE. For Lilies and All Pot Plants.

PHILADELPHIA.

Notes.

A scarcity of *Areca lutescens* is predicted for the coming fall and winter. This report is indorsed by some of the most representative growers of Philadelphia and vicinity.

Geo. A. Strohlein and family sailed for Europe July 13th, on the steamer Bremen, to be gone about six weeks. Mr. Strohlein's trip is a business one in the interest of H. A. Dreer Co.

Our visitors the past week were: Messrs. A. Leuthy, Boston; Frank Knapper, Yonkers, N. Y.; T. E. Edwards, Bridgeton, N. J.; Alex. Mann, San Francisco, Cal.; Henry Eichholz, Waynesboro, Pa., and Mrs. Siebold, Lancaster, Pa.

The H. A. Dreer Co. have broken ground for another acre of glass, which will consist of nine even span houses, 150x21 feet; also a corridor house 200x21 feet. The tables are to be constructed of iron and slate; the purlins to be of 1 1/4 inch pipe which will serve as the water pipe as well. The houses will be fitted with the Evans Challenge ventilating apparatus.

The Market.

Beauties, \$5 to \$12.50; Brides, Meteors and Maids, \$1 to \$4; Kaiserins, \$2 to \$5. Cannas from 50 cents to \$1; some of the fancy varieties, \$1 to \$1.50; valley \$3 to \$4; adiantum, 75 cents to \$1; smilax, 10 to 15 cents; plumosus, 35 to 50 cents; asters, \$1; sweet peas, 25 to 40 cents. R.

WASHINGTON.

Up to the present, business is a little better than last year in spite of the shortage of good stock, especially good roses. Beauties and Meteors can no longer be had; Maids and Brides bring 3 to 4 cents. Carnations of all kinds are very scarce and bring \$1 per 100. On account of the intense heat outdoor stock is very poor. Some dahlias are in the market and bring \$1.50 per 100; asters are also making their appearance and sell fast at \$1.50 per 100. Some growers have ceased to bring in anything in the way of cut stuff.

The growers in general have finished planting, with the exception of mums. There seems to be a great difficulty in rooting cuttings; they all seem to damp off. One grower out of 10,000 cuttings struck, rooted only 7 per cent and it seems to be a general thing all around.

The Gude Bros. are experiencing great difficulty in getting their glass and lumber, which they ordered months ago at an advanced price, but when it does come there will be a hot time with saws and hatchets, as the boys know how to do it.

N. Studer and his former clerk, J. F. Granor, have left for an extended trip through the Alps in Switzerland.

Robt. Craig spent a day with the boys last week. F. H. KRAMER.



REGULAR SHIPPING ORDERS RECEIVE SPECIAL ATTENTION.

W. W. WOOTTON BROS.

Wholesale Growers of

CUT FLOWERS, 51 Wabash Ave. CHICAGO.

WHOLESALE PRICE LIST.

American Beauty, 21-inch stem	per doz.	\$2.50	Meteor	per 100	\$3.00 to \$4.00
" " 20 "	"	2.00	Bridesmaid	"	3.00 to 4.00
" " 15 "	"	1.50	Bride	"	3.00 to 4.00
" " 12 "	"	1.25	Perle	"	2.00 to 3.00
" " 8 "	"	1.00	Carnations	"	1.00 to 1.50

We close at 5:30 p. m. during July and August.

Mention The Review when you write.

Forcing Roses.

THIS IS NOT SURPLUS STOCK, it has been grown specially for Winter blooming, and will give satisfaction to the most critical buyers.

Perle	2 1/2-inch	\$3.00	3-inch	\$5.00 per 100	Bride	2 1/2-inch	\$3.00	3-inch	\$5.00 per 100
Bridesmaid	"	3.00	"	5.00 "	Golden Gate	"	3.00	"	5.00 "
Wootton	"	3.00	"	5.00 "	White Bougere	"	3.00	"	5.00 "
Niphetos	"	3.00	"	5.00 "	Meteor	"	3.00	"	5.00 "

Mrs. Garrett (new) 2 1/2-inch, \$10.00, 3-inch, \$15.00 per 100

All in fine growing condition ready for immediate planting. Terms: Cash with order.

Address.... H. W. BUCKBEE, ROCKFORD, ILL. FOREST CITY GREENHOUSES.

Mention The Review when you write

50,000 FIRST QUALITY FORCING ROSES. READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last seven years, first-class and perfectly healthy in every respect.

WOOTTON	LA FRANCE	AMERICAN BEAUTY	PRESIDENT CARNOT
3-inch pots, \$8.00 per 100;	4-inch pots, \$12.00 per 100.		
METEOR, BRIDESMAID, GONTER, BELLE SIBRECHT, BON SILENE, MERMET, PERLE, KAISERIN, 3 inch pots, \$7.00 per 100; 4 inch pots, \$10.00 per 100.			
GRAFTED ROSES, BRIDESMAID, KAISERIN, PRESIDENT CARNOT, 3 1/2-inch pots, \$15.00 per 100.			

J. L. DILLON, BLOOMSBURG, PA.

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TO CLOSE OUT..... FANCY ROSE STOCK

1300 2 1/2-inch Perles	600 2-inch Brides
800 2 1/2 " Maids	300 2 " Beauties
450 2 1/2 " Woottons	750 2 " Speak Quick.
750 3 "	

3 1/2-in., potted back to 3-in. Extra strong, select plants. July 15th and later delivery. \$6.00 per 100. Kaiserins, Brides, Meteors, Maids, 2 1/2-in., \$3.50 per 100.

SMILAX Extra strong, 2-in., \$1.00 per 100; \$8.00 per 1000. Cash with order.

SOUTH SIDE FLORAL CO., SPRINGFIELD, ILL.

Mention The Review when you write.

ROSES.

400 BRIDES, 3-inch	\$5.00 per 100.
300 MAIDS, " "	5.00
100 BEAUTIES, " "	8.00

The 800 Plants, \$40.00 cash.

JOHN WELSH YOUNG, - Germantown, Pa.

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FOR SALE.

American Beauty plants, 3 1/2-in. pots	\$7.00	\$60.00
Meteor plants, 3 1/2-in. pots	4.00	35.00
Maids " " "	4.00	35.00
Brides " " "	4.00	35.00

Fine stock. Cash with order unless known.

BRANT & NOE, FOREST GLEN, ILLINOIS.

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SAMUEL S. PENNOCK, Wholesale Florist

{ During the summer months, commencing July 3rd, will be open }
from 7:30 a. m. to 6 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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PITTSBURG CUT FLOWER CO., Ltd.
WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 705 Penn Avenue, PITTSBURG, PA.
FLORISTS' SUPPLIES. Write for Price List.
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SMILAX!

Pot Plants,
Ready Now by the
100 or 1000, at
\$1.50 per 100.

ALBERT M. HERR
LANCASTER, PA.

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3,000 SMILAX...

From flats, by mail, \$0.50 per 100; \$4.00 per 1000
From 2-inch pots, 1.50 13.00
HYDRANGEA, 4-inch, in bloom, \$1.25 per dozen;
\$8.00 per 100.
CANNAS, mixed, 3-inch pots, \$3.00 per 100.
Send for Sample. Cash with order.
FRED BOERNER, Cape May City, N. J.
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ANTON SCHULTHEIS, P. O. Box 78...
College Point, Queens Borough, N. Y.
HEADQUARTERS FOR
PALMS and Decorative Plants in Quantity
Come, see **Ericas (Heather), also Full**
and con- **Line of Other Flowering Plants**
vince yourself. **Price List on Application.**

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1840 Old Colony Nurseries, 1899

HARDY SHRUBS, TREES, VINES, EVERGREENS and PERENNIALS.
A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap. Good plants, best sizes for planting, very cheap.
Trade list free on application.
T. R. WATSON, Plymouth, Mass.
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PRIMROSE.

Per 100
CHINESE PRIMROSES, single, mixed, 2-in. pots, \$2.00
Obconica Grandiflora, 2-in. pots, 2.50
" " Rosea, August list, 3.00
Forbesi, "Baby Primrose," 2-in. pots, 4.00
ASPARAGUS SPRENGERII, 2 1/2-in. pots, 4.00
50 Bridesmaids, 100 Brides, 2 1/2-in. pots, 2.50
CASH, NO C. O. DS.

JOS. H. CUNNINGHAM, Delaware, O.
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ROSES, Carnations, VALLEY FERN, GALAX, and IVY LEAVES, and all kinds of Seasonable Flowers in Stock.



We get daily new customers because we have the reputation that all orders are punctually filled.

Consignments of good stock solicited. Long Distance Telephone 2985.
W. F. KASTING & CO., F. STOKES, Manager.
Wholesale Florists. 444 Sixth Ave.
All kinds of FLORISTS' SUPPLIES and WIRE DESIGNS on hand.
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Galax Leaves...

For Summer Use in Cold Storage. Write the Introducer.

HARLAN P. KELSEY, 1106 Tremont Bldg., - BOSTON, MASS.
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Asparagus Plumosus

Strings 10 feet long, 50 cents. Shipped to any part of the country.

W. H. ELLIOTT, BRIGHTON, MASS.
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Cut Flower Exchange,

404 - 412 East 34th St., New York, NEAR THE FERRY.
Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.
Wall space for Advertising purposes to Rent.
J. DONALDSON, SECRETARY.
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Long's "Handy" Order Sheets

The practical leaders to correct order taking in hurried hours. Single sample free.
Pad of 100 sheets, mailed for 24 cents in stamps.
Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.
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GIVE US A TRIAL. WE CAN PLEASE YOU.



Roses, Carnations and all kinds of Seasonable Flowers in stock.

WM. F. KASTING, Wholesale Commission Florist,
481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.

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WM. J. BAKER, WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.
Original Headquarters for CARNATIONS.
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Rose Hill Nurseries.

Palms, Orchids, Roses, Ferns AND FOLIAGE PLANTS.
Largest stock in America.
SIEBRECHT & SON, New Rochelle, N. Y.
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Nephrolepis Washingtoniensis

A magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house.

3 good plants from 2-in. pots, mailed for \$ 1.00
100 " " 3 " expressed " 40.00
100 " " 4 " extra fine, 60.00

JOHN H. LEY, GOOD HOPE, D. C.
Mention the Review when you write.

WE WOULD LIKE very much to have a complete and accurate list of the names and addresses of the florists of America and to this end will ask each subscriber to kindly send us an accurate list of those in the trade in his or her city or town. By complying with this request you will confer a great favor on the publishers.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon, variegated trailing, finest of all for baskets and vases, 3-inch, \$6.00 per 100. Rooted cuttings, \$2.00 per 100.

Greene & Underhill, Watertown, N. Y.

Abutilon Savitzii. A grand bedding plant. Grows dwarf and bushy. Capital plant to use with crotons. 3-inch, \$5.00 per 100.

The Cottage Gardens, Queens, N. Y.

4 varieties, 2½-in., doz., 75 cents; 100, \$6.00. Seawanhaka Greenhouses, Oyster Bay, N. Y.

ALTERNANTHERAS.

From frames, 25 cents a doz.; \$1.00 per 100. Seawanhaka Greenhouses, Oyster Bay, N. Y.

2½-inch pots, strong, \$2.00 per 100. C. Otto Schwabe, Jenkintown, Pa.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$5.00 per 100. Asparagus Sprengeri, 2-inch, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$4.00 per 100.

Geo. Wittbold, 1708 N. Halsted St., Chicago.

Asparagus plumosus nanus, extra fine plants from 2-inch pots, \$4.00 per 100, \$35.00 per 1000. Cash with order. B. Schroeter, 59 Miami Ave., Detroit, Mich.

Asparagus Sprengeri, 2-in., 24 for \$1.50, mailed; \$4 per 100, express. 2½-in., 24 for \$2.50, mailed, \$7 per 100, express.

A. Blanc & Co., Philadelphia.

Asparagus plumosa nana, per 100, 2½-in., \$6.00. Asparagus Sprengeri, 2-in., 24 for \$1.50, mailed. N. Smith & Son, Adams, Mich.

1000 A. plumosus nanus, 2½-in., \$2.00 per 100. Seymour & Kramer, Evanston, Ind.

Asparagus Sprengeri, 2½-in., 50 cents doz. C. Elsele, 11th & Jefferson Sts., Phila., Pa.

A. Sprengeri seed, 100, \$1.00; 1000, \$10.00. H. H. Berger & Co., 47 Barclay St., New York.

A. Sprengeri, 2½-inch, \$4.00 per 100. J. S. Cunningham, Delaware, O.

Asparagus plumosus, all sizes. A. S. MacBean, Lakewood, N. J.

AZALEAS.

Our Azaleas gave the best of satisfaction last season, and our stock will be equally as good and better this fall. Order early. These plants come packed 25, 50 and 100 in a case. Ready in October. Deutsche Perle, free-flowering, early, pure white, very double; Veraneana, very large rose, striped white, double; Docteur Moore, deep rose, 31, 33 violet, semi-double; Sigismund Ruckert, rose, bordered white, single; Bernhard Adams, Alba, white, double; Empress of India, white, salmon rose and crimson intermingled, double; Mme. Camille Van Langenhove, white, striped crimson, double; Mrs. Van der Crayssen, rose, semi-double; Simon Mardner, rose, double; Punctulata flore pleno, rose, orange color, very double; first size, 10 to 12 in. in diameter, per 100, \$40.00; select, 12 to 14 in. in diameter, per 100, \$50.00; extra, 14 to 16 in. in diameter, per 100, \$60.00. Second grade plants at less 10 per cent from above prices. We also supply specimen plants from \$1.00 each upwards. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

BEGONIAS.

Gloire de Lorraine, the unsurpassable winter blooming Begonia. I have to offer a limited number of imported plants in fine condition, in 2½-in. pots, ready for a shift, \$2.00 per dozen. W. W. Baker, Worcester, Mass.

Very strong plants, from 2-inch pots, \$2.00 per 100; Argentea guttata, Vernon (red and white), Alba picta, Thurstonii, rubra, or mixed sorts. Cash please. Edw. B. Jackson, Stamford, Conn.

5000 Begonia Rex. Assorted, 2½-inch, \$4.00 per 100; Same, \$5.00 per 100. Tuberous rooted, 2½-inch, \$5.00 per 100. Rooted cuttings: Rex, \$2.00 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D.

Greene & Underhill, Watertown, N. Y.

Begonia Vernon, 2½-in., doz., 50 cts; 100, \$3.50. Seawanhaka Greenhouses, Oyster Bay, N. Y.

Begonia Rex, full assortment. Mixed, 3-inch, \$4.00 per 100. Geo. M. Emmans, Newton, N. J.

BOUVDIARIS.

Fine stock ready by August 1. Single and double in best varieties, 2-inch pots, \$3.00 per 100. Nanz & Neuner, Louisville, Ky.

BULBS.

Freesias. White flowers and large bulbs are to be had from the stock quoted below. We always believe in selling this stock by samples and are ready to submit same for comparison as soon as stock arrives. Freesias are the earliest to come in store of the Fall bulbs. White flowered Bermuda: Mammoth, \$1.00 per 100; \$3.00 per 1000; Choice, 85 cents per 100; \$1.50 per 1000. French grown: Mammoth, \$2.00 per 100; \$15.00 per 1000; Choice, 85 cents per 100; \$7.50 per 1000; First quality, 75 cents per 100; \$7.50 per 1000. California grown (ready Aug. 1st): Choice, 85 cents per 100; \$7.50 per 1000; First quality, 60 cents per 100; \$7.00 per 1000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Freesias, large bulbs, white, yellow throat, 100, 65 cents; 1000, \$4.75. Pure white, 100, 90 cents; 1000, \$6.25. By mail or express free. Hyacinths, Roman, 12-13, 100, \$1.50; 1000, \$12.50; 13-15, 100, \$1.75; 1000, \$15.50. Lillium Harrisii, 5x7, 100, \$4.50; 7x9, 100, \$6.00; 9x11, 100, \$17.50. H. H. Berger & Co., 47 Barclay St., New York.

Freesia refracta alba, 3-8-inch diameter and up, \$2.00 per 100; 12-inch diameter and up, \$5.00 per 100. If the smaller bulbs are planted this month they will produce just as many and as large flowers as the larger bulbs. Chas. Amman, 7th Ave., cor. 129th St., New York.

Lillium Harrisii, St. David's Island, 5 to 7, per 100, \$4.75; per 1000, \$45.00; 7 to 9, per 100, \$6.50; per 1000, \$60.00. Wm. Elliott & Sons, 59 Dey St., New York.

Home grown lilies, about 50 kinds, also Trillium and other hardy bulbs and plants. F. H. Horsford, Charlotte, Vt.

Send in your list of wants for quotations. F. W. O. Schmitz, Jersey City, N. J.

CANNAS.

Cannas, mixed, 3-inch pots, \$2.00 per 100. Send for sample. Cash with order. Fred. Boerner, Cane May City, N. J.

CARNATIONS.

Best new and standard carnations, beautifully illustrated and accurately described in our trade list. Send for copy. W. P. Peacock, Atco, N. J.

If you are going to be short on carnations this fall and want good stock, I have over 25,000 to select from. Send for estimates. W. E. Hall, Clyde, Ohio.

Fine pot plants, and transplanted in soil. Only Meteor, Scott and Bon Ton left in quantity. \$20.00 per 1000. Harkett's Floral Nursery, Dubuque, I. wa.

Carnation Cuttings all sold. Field grown plants for fall delivery. F. Dörner & Sons Co., Lafayette, Ind.

Field grown plants, ready August 15, extra fine this year. We can fill orders for any variety if we get them soon enough.

H. F. Littlefield, Worcester, Mass.

Rooted Cuttings all sold. We are booking orders for field grown plants. Geo. Hancock & Son, Grand Haven, Mich.

Field plants in quantity ready in September. Write for prices and varieties. Jos. Renard, Unionville, Chester Co., Pa.

CHRYSANTHEMUMS.

We still have the following varieties in stock. Speak quick if you want them. New Varieties of 1889. Robt. Halliday, midseason yellow. Harry A. Parr, early yellow. Lady Harriett, early pink. Willow Brook, early white. John K. Shaw, early pink. Adele, early pink. Extra fine plants of the above six varieties in quantity at \$10.00 per 100, 12 plants any varieties \$15.00. Other new varieties of 1889. Phenomenal, Mrs. T. L. Park, Viola, Mayourmen, Silver Wedding, Mrs. F. A. Costable, Melle L. Faure, Mrs. N. Molyneux, October Sunshades, Zoraida, White Flyer, Independence, Admiral Dewey, Carna Bell, Mrs. Ferlat, Mrs. Senberger, 12 plants any variety for \$2.00. Novelties of 1889. Snow Queen, Autumn Glory, H. W. Longfellow, Pennsylvania, Solar Queen, Wm. H. Chadwick. Above six varieties \$5.00 per 100. Merry Xmas, latest of all whites, \$6.00 per 100. Standard Varieties: Harry Nanz, Wm. Simpson, Viviani-Morel, M. de Montmort, Golden Wedding, Mrs. Ferrin, Good Gracious, Wm. H. Lincoln, Mayflower, John Shrimpton, Mch. to glory of the Pacific, J. E. Lager, Merry Monarch, Marion Henderson, Madam Grant, Sun-totic. The above at \$3.00 per 100, 5 plants at 100 rates. We add extras enough to cover the express charges.

H. Weber & Sons, Oakland, MI.

Dolores, Frank Hardy, L. H. Spaulding, Yellow Fellow, Philadelphia, from 2½-inch pots, \$2.00 per 100.

Chillingford, Gladys Spaulding, Helen Bloodgood, Harry May, J. E. Lager, J. H. Troy, Laredo, Miss G. Pitcher, Marion Henderson, Major Bonaffon, Mrs. S. Humphreys, Mrs. M. K. Twombly, Marguerite Graham, Mrs. J. G. Whildin, Mrs. H. Robinson, Niveus, Thos. H. Brown, W. H. Lincoln, from 2½-inch pots, \$2.00 per 100; \$25.00 per 1000.

Ade Spaulding, Belle of Castlewood, Benj. M. Gloud, Chito, Dorothy Tolbr, Dorothy Devenis, Eureka, Golden Trophy, G. F. Atkinson, Golden Wedding, J. H. Woodford, Jora, Mme. Bergmann, Modesto, Minerva, Midge, Mrs. F. B. Douglas, Miss Helen Wright, Maud Adams, Mrs. S. T. Murdock, Miss M. M. Johnson, May Flower, Nemesis, Pitcher and Mania, Pink Ivory, River-Idle, Rose Owen, T. B. Morse, Western King, 2½-inch pots, \$4.00 per 100; \$20.00 per 1000.

Wood Bros., Fishkill, N. Y.

Leading Mums: Yellow-Bonaffon, Johnson, Jones, Golden Trophy, Emil Buttner, Sunderbruch, Rleman, Maud Adams, Pink-Perrin, Ivory, Jones, Viviani-Morel, Murdock, Glory of the Pacific, Marquis de Montmort, White-Geo. S. Kab, Ivory, Robinson, Jones, Iron Woodford, Gretchen Buttner, Schrimpton, Lottie Berry, Minnie Wana-maker, Fitzwygram, Bergman. 2½-in., \$2.50 per 100; \$20.00 per 1,000.

Poehlmann Bros., Morton Grove, Ill.

Surplus stock of Chrysanthemums, Daille-douze, Modesto, Mrs. Fred L. Button (early white), Mme. Andra, Harry Balsley, Mrs. Weeks, Frank Hardy, Glory of Pacific, Pink Ivory, Golden Wedding, Pennsylvania, Empress of India, Lady Fitzwygram, Major Bonaffon, Mrs. Henry Robinson, Jerome Jones, Yellow Jerome Jones, Mme. Bergmann, Merry Xmas and others. All the above in 2 and 3-inch pots and fine, 2½ cents each, or \$20.00 per 1,000. Cash with order. Joy & Son, Nashville, Tenn.

In good variety, from 2½-inch pots, \$2.00 per 100. Cash with order. R. Vincent, Jr. & Son, White Marsh, Md.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

CINERARIAS.

Cineraria hyb. max. grandiflora, grandiflora nana, plenissima, caerulea, kermesina nana, from flats, \$1.75 per 100; \$15.00 per 1000. Satisfaction guaranteed.
Paul Mader, East Stroudsburg, Pa.

Cineraria Maxima Grandi, Brillianta, Casrula Grandi Nana, strong, sturdy plants, from 2½-inch pots, \$2.50 per 100.
R. Insall, W. Moorestown, N. J.

COLEUS.

6,000 coleus, Verschaffeltii and Golden Bedder, 2 and 2½-inch, at \$1.50 per 100; \$12.00 per 1000. Cash with order.
Geo. L. Miller, Newark, O.

Verschaffeltii, Golden Bedder, etc., 2½-in., doz., 30 cents; 100, \$2.00.
Seawanhaka Greenhouses, Oyster Bay, N. Y.

Leading sorts, 2½-in., \$3.00 per 100.
Wood Bros., Fishkill, N. Y.

CYCLAMEN.

4 distinct varieties, September sown and in excellent condition, 2½-in., \$5.00 per 100.
N. Smith & Son, Adrian, Mich.

CYPERUS ALTERNIFOLIUS.

Trim sturdy seedlings; all a 3-inch pot now. 150 mailed free, \$1.00; 1000 by express, \$5.00.
John H. Ley, Good Hope, D. C.

Fine stock, 2½-in. strong, \$1.50 per 100; \$13 per 1000. Furrow Bros., Guthrie, Okla.

DAHLIAS.

Peacock's new Dahlias for 1899. Best new varieties, best old varieties. Send for our new illustrated trade list before ordering elsewhere. Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequaled record. Surplus stock of mixed Dahlias at right price. Also Dahlias under color. Correspondence solicited.
W. P. Peacock, Ateo, N. J.

DAISIES.

The two giant daisies, California Giant, white, and Etoile de Lyon, yellow, strong, 3-inch pots, \$1.50 per dozen. Cash.
P. M. DeWitt, Torresdale, Phila., Pa.

FERNS.

	Doz.	Hun.
Adiantum cuneatum, 3-in. pots....	\$1.00	\$8.00
Adiantum cuneatum, 4-in. pots....	1.50	12.00
Adiantum capillus-ven. Leb., 2-in....	50	4.00
Cyrtomium falcatum, 3-inch.....	1.00	8.00
Cyrtomium falcatum, 5-inch.....	2.00	....
Blechnum orientale, 2-inch.....	50	4.00
Lomaria Gibba, 4-inch.....	1.50	12.00
Pteris serrulata, 2-inch.....	50	4.00
Pteris umbrosa, 4-inch.....	1.50	12.00
Nephrolepis exaltata, 4-in.....	1.50	12.00
Nephrolepis pectinata, 3-in.....	1.00	8.00
Nephrolepis pectinata, 4-in.....	1.50	12.00
Nephrolepis Philippensis, 4-in.....	1.50	8.00

As we are continually being asked for Nephrolepis Bostonensis (Boston fern) would say that we have about 10,000 that will be ready for 5 and 6-inch pots this fall, and we will book orders for these at \$3.00 and \$5.00 per dozen, for delivery Aug. 1, but they are not yet ready for shipment.
Geo. Wittbold, 1708 N. Halsted St., Chicago.

Nephrolepis Washingtonensis, a magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house. Three good plants from 2-inch pots mailed for \$1.00; 100 good plants from 3-inch pots expressed for \$40.00; 100 extra fine plants from 4-inch pots, \$60.00.
John H. Ley, Good Hope, D. C.

Fern spores, fresh greenhouse collected. Alsophila australis or Australian tree fern. ½ trade pkt., 60c; trade pkt., \$1.00.
Floracraft Gardens, Morrisstown, N. J.

Boston Ferns. N. Exaltata Bostonensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; not less than 250 at 1,000 rate.
Wm. A. Bock, No. Cambridge, Mass.

Fern Balls, Japanese. Greatest money makers. Send for circular.
H. H. Berger & Co., 47 Barclay St., New York.

Pot and bench grown Boston ferns. Orders booked for fall delivery.
A. J. Baldwin, Newark, Ohio.

FUCHSIAS.

Double and single, 2½-inch, \$3.00 per 100.
Wood Bros., Fishkill, N. Y.

GARDENIAS.

Gardenias in 2½, 4, 5, 6 and 7-inch pots. My prices will surprise you. Ludwig Wild, Jackson and Bay View Aves., Jersey City, N. J.

GERANIUMS.

Assorted, 2½-inch, \$4.00 per 100; 3¼-inch, \$6.00 per 100; Mme. Sallerol, 2-inch, \$2.00 per 100; Sweet scented, Mrs. Pollock, Pansy, 2¼-inch, \$4.00 per 100; Mrs. Parker, 2¼-inch, \$6.00 per 100. Rooted cuttings: Assorted, \$1.50 per 100; mixed, \$1.25; Mrs. Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Silver Leaf, Rose scented, Ivy, \$1.50; Mrs. Parker, Freak of Nature, \$4.00; Mme. Sallerol, \$1.25. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Mme. Jaulin, the peach pink Bruant, 3-inch, \$8.00 per 100. Mme. de la Roux, the best single salmon bedding Bruant, 3-inch, \$8.00 per 100. The Cottage Gardens, Queens, N. Y.

Bedding geraniums, 4-inch pots, \$6.00 per 100; 3-inch, \$4.00 per 100. First class stock.
Crabb & Hunter, Grand Rapids, Mich.

1,000 Rose geraniums, 3-inch, to close out, \$3.00 per 100. Cash with order.
Geo. L. Miller, Newark, O.

4-inch, in full bloom, \$5.00 per 100.
C. Otto Schwabe, Jenkintown, Pa.

HARDY PLANTS.

Hardy shrubs, trees, vines, evergreens and perennials. A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap. Trade list free on application.
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Hardy Herbaceous Perennials. The most complete stock in America. Pseonies, Phlox, Iris, Delphiniums, etc., etc.
Jacob W. Manning, The Reading Nursery, Reading, Mass.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

Field grown Ampelopsis Viticella and Clematis Paniculata in large quantities. Orders booked now for fall.
The Elizabeth Nursery Co., Elizabeth, N. J.

Azalea Amoena, Hardy shrubs and trees in great variety. Send for price list.
Samuel C. Moon, Morrisville, Bucks Co., Pa.

HYDRANGEAS.

Hydrangea from 4-inch pots, in bloom, \$1.25 per dozen; \$8.00 per 100.
Fred Boerner, Cape May City, N. J.

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Cryptomeria Japonica (Japan cedar), a beautiful jardiniere evergreen, as handsome as Araucaria excelsa, for which it is often mistaken, but ten times cheaper. 4-inch pots, \$15.00 per 100. 2½-inch pots, \$9.00 per 100. 2½-inch for \$2.50, postpaid.
Jackson & Perkins Co., Newark, N. Y.

ORCHIDS.

Just arrived in fine condition, Cattleya labiata, C. Mossiae, C. speciosissima, C. Harrisoniae violacea, C. Warneri, C. granulosa, Laelia anceps, L. a. alba, L. Autumnalis, L. praestans, L. Dayana and Burlingtonia fragrans.
Lager & Hurrell, Summit, N. J.

Laelia majalis alba. A few plants of this beautiful and nearly extinct orchid for sale at low price of \$1.00 per bulb; eight to twenty bulbs to each plant. Guaranteed the true white majalis.
J. A. McDowell, City of Mexico.

PAEONIES.

10,000 Paeonies in twenty distinct varieties.
W. & T. Smith Co., Geneva, N. Y.

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WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS. Measurements from top of pot to top of tallest leaf.

	Pot H't. Char.	Each.	Doz.
Lantana Borbonica,	2 in. in.		\$.50
" "	3		1.50
" "	5 16-20 5-8	.50	5.00
" "	6 18-20 5-7	.75	9.00
" "	7 20-24 6-8	1.00	12.00
Cycas Weddelliana,	3 14-18 4-6	.25	3.00
Kentia Belmoreana,	3 5-7 3-4		2.00
" "	3 8-10 4-6	.25	3.00
" "	3 18-20 5-6	.75	9.00
" "	5 18-20 6-7	1.00	12.00
" "	6 20-25 5-7	1.50	18.00
" "	7 34-38 6-7	2.50	30.00
" Forsteriana,	5 20-24 4-6	.75	9.00
" "	5 25-28 4-6	1.00	12.00
" "	6 26-30 6-8	1.50	18.00
" "	7 36-40 5-6	2.50	30.00
Phoenix Reclinata,	5 14-16 5-8	.50	5.00
" "	6 16-18 7-10	.75	9.00
Pandanus Utilis,	3		1.50
" "	4 12-14		3.00
" "	5 14-16		5.00
Peperomia Agyrea,			1.50
Dracaena terminalis,	4		3.00
" Fragrans,	4 8-10		3.00
" "	5 10-12	.50	5.00
" "	6 14-16	.75	9.00
Geo. Wittbold, 1708 N. Halsted St., Chicago.			

Lantana borbonica, 4-inch, 25 cents. Aerea lutescens, 4-inch, 35 cents. Kentia Belmoreana and Forsteriana, 3-inch, 25 cents; 4-inch, 50 cents.
Geo. M. Emmans, Newton, N. J.

Lantana borbonica, 3-in., doz., \$1.25; 100, \$10.00; 5-in., doz., \$5.00; 100, \$40.00. Phoenix reclinata, 5-in., doz., \$7.50; 100, \$60.00.
Seawanhaka Greenhouses, Oyster Bay, N. Y.

Cycas Revoluta stems, from 6 to 15 inches long, \$9.00 per 100 lbs. Special prices on large lots. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Palms and Decorative Plants in quantity. Anton Schulthess, P. O. Box 73, College Point, Queens Borough, New York.

My entire stock of palms for sale at a bargain. New wholesale list ready. Send for it.
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Palms and Decorative Plants. Largest stock in America.
Siebrecht & Son, New Rochelle, N. Y.

Send for our list of Palms and Ferns.
Ellis & Pollworth, Milwaukee, Wis.

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P. utilis, fresh seed, doz 25 cts.; 100, \$1.25; 1000, \$10.00; 4½-livered H. H. Berger & Co., 47 Barclay St., New York.

POINSETTIAS.

2½-inch, good stock, \$4.00 per 100.
Stollery Bros., Argyle Park, Chicago, Ill.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

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Baby Primrose, the newest thing for Easter blooming. Flowers in thumb pots; grows rapidly, 6-in. pot, carry 50 to 100 sprays of rosy flowers, 12 to 18 in. long; lasts 4 weeks when cut and wholesale at \$2 per 100; grows finely in cool house; perpetual bloomer. 12 for \$15.00; \$10 per 100, express prepaid.

A. Blanc & Co., Philadelphia.

Chinese primroses, single mixed, per 100, 2-in., \$2.00; *Oboconica grandiflora*, 2-in., \$2.50; *Oboconica grandiflora rosea*, August 1, \$3.00; Forbesi, "Baby Primrose," 2-in., \$4.00. Cash, no C. O. D's.

Jos. H. Cunningham, Delaware, Ohio.

Baby Primrose, nice stock for fall and winter blooming, 75 cents per dozen, by mail; \$5.00 per 100, express paid. *Primula Oboconica*, new, large flowering, strong plants ready for 4-inch pots, \$2.50 per 100. E. Fryer, Berriman st. and New Lots av., Brooklyn, N. Y.

Chinese primrose, extra fine strain, 2½-inch pots, \$3.00 per 100.

Greene & Underhill, Watertown, N. Y.

Primula oboconica, extra strong, ready for 5-inch pots, \$6.00 per 100.

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50,000 Primulas and cinerarias ready August 1.

Morris Floral Co., Morris, Ill.

ROSES.

50,000 best quality Forcing Roses, ready for immediate planting. Fully equal to those sent out the last seven years, first class and healthy in every respect. Only selected growth from flowering shoots used in propagating. Wootton, Le France, American Beauty, Pres. Carnot, 3-inch pots, \$5.00 per 100; 4-inch pots, \$12.00 per 100. Meteor, Bridesmaid, Gontier, Bon Silene, Mermet, Perle, Kaiserin, Belle Siebrecht, Mme. Hoste, Bride, 3-inch pots, \$7.00 per 100; 4-inch pots, \$10.00 per 100. Grafted roses, Bridesmaid, Kaiserin, Pres. Carnot, 3½-inch pots, \$15.00 per 100.

J. L. Dillon, Bloomsburg, Pa.

Last offer of surplus stock. 1000 American Beauties, 3-inch, \$9.00 per 100. Papa Gontier, Perles, Woottons, Hermosa, La France, Mermets, 2½-inch, \$3.00 per 100. Gen. Jacqueminot, M. P. Wilder, Lord Raglan, Empress of India, 2½-inch, \$4.00 per 100. Suzanne Blanchet, Bougeret, Paquerette, Empress of China, Lagrange, Jules Engel, 2½-inch, \$2.50 per 100. White, Pink and Yellow Ramblers, Queen of Prairie, Baltimore Belle, Martha Washington, Seven Sisters, Tennessee Belle, 2½-inch, \$2.00 per 100; \$18.00 per 1000.

Nanz & Neuner, Louisville, Ky.

1,000 Beauties, just been potted up in 3-inch pots, \$6.00 per 100. 1,500 Brides, 7,000 Maids, 1,500 Meteors, 2-inch pots, \$3.00 per 100. 1,500 Brides, 1,000 Meteors, 3-inch pots, \$5.00 per 100. The above stock is all strictly first class. No order for less than 100 plants accepted at these prices. Plants will be shipped from our greenhouses at Hinsdale, Ill.

Bassett & Washburn, 76 Wabash Ave., Chicago.

This is not surplus stock; it has been grown especially for winter blooming and will give satisfaction to the most critical buyers. Perles, Bridesmaids, Woottons, Niphetos, Brides, Golden Gate, White Bougeret, Meteor, 2½-in., \$3.00; 3-in., \$5.00 per 100. Mrs. Garrett, new, 2½-in., \$10.00; 3-in., \$15.00 per 100. All in fine growing condition ready for immediate planting. Terms, cash with order.

H. W. Buckner, Rockford, Ill.

Bridesmaids, 2½-in., \$3.00 per 100; \$25.00 per 1000. Meteor, 2½-in., \$2.00 per 100. Bride, 2½-in., \$3.50 per 100. Golden Gate, 2½-in., \$3.00 per 100. Bridesmaids, 4-in., \$5.00 per 100. Meteor, 4-in., \$4.00 per 100.

Reinberg Bros., 51 Wabash Ave., Chicago.

Meteor, Carnot, Wootton, Kaiserin, from 3-inch pots, \$5.00 per 100. Mermet, Niphetos, Bride, Bon Silene, Perle, Duchess of Albany, Sunset, Bridesmaid, La France, Papa Gontier, from 3-inch pots, \$7.00 per 100.

Wood Bros., Fishkill, N. Y.

Hardy roses in great variety.

Ellwanger & Barry, Rochester, N. Y.

In 3 and 4-inch pots. Bride, Bridesmaid, Duchess de Brabant, Little White Pet, Marie Guillot, Meteor, Pink Souper, \$5.00 per 100; Maman Cochet and Marchal, Nid., \$7.50 per 100. Elizabeth Nursery Co., Elizabeth, N. J.

Fancy Rose stocks, 3½-in. potted back 3-in. Extra strong, select plants. July 15 and later delivery. \$6.00 per 100. Kaisersins, Brides, Meteors and Maids, 2½-in., \$3.50 per 100.

South Side Floral Co., Springfield, Ill.

M. Neil, Niphetos and Yellow Rambler from 4-inch pots, \$8.00 per 100. M. Neil and Niphetos from 3-inch pots, \$5.00 per 100. Perle de Jardin from 2½-inch pots, \$2.50 per 100.

Phoenix Nursery Co., Bloomington, Ill.

Beauties, 3-inch, \$5.50 per 100. Brides, 3½-inch, \$5.00 per 100. Brides and Maids, 4-inch, \$7.50 per 100, or \$7.00 per 100 for lots of 500 or more. Good stock and warranted to please.

Poehlmann Bros., Morton Grove, Ill.

To close out, 1,300 Perles, 800 Brides, 450 Maids, 750 Beauties and 1,500 Woottons, in 2½-inch pots; 600 Brides, 300 Maids, 700 Beauties, in 2-inch pots; 750 Woottons, in 3-inch. Speak quick.

Geo. A. Kuhl, Pekin, Ill.

Brides and Bridesmaids, fine plants from 3-inch pots, \$3.25 per 100. Meteors from 3-inch pots, \$4.50 per 100. Only a few left. Order at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

American Beauty, 3½-in. pots, \$7.00 per 100; \$60.00 per 1,000. Meteor, Maids and Brides, 3½-in. pots, \$4.00 per 100; \$35.00 per 1,000. Fine stock. Cash with order unless known.

Brant & Noe, Forest Glen, Ill.

Bride, Bridesmaid, Perle, Golden Gate, Wootton, Mme. Chateaux, 3 and 4-inch, \$5.00 per 100. All good strong stock fit for immediate planting.

Evenden Bros., Williamsport, Pa.

Strong 3-inch roses, best for late planting. Splendid stock, certain to please. Brides, Meteors and Maids at 5c. Send 25c for samples. W. H. Gullett & Sons, Lincoln, Ill.

Bride and Maid, 3-inch, strictly first-class plants, clean and healthy, \$5.00 per 100; from 2½-inch, \$2.50 per 100; \$20.00 per 1000. Jos. Bradbury, Irvington Ave., So. Orange, N. J.

300 Am. Beauty, 3-inch, \$6.00 per 100; 500 Meteor, 600 Bride, 500 Maid, 300 Perle, 3-inch, \$3.50 per 100. Good healthy stock grown for my own use. Joseph Labo, Joliet, Ill.

Perle, Meteor, Wootton, Bride, Bridesmaid, clean, healthy plants, 3-inch, \$5.00 per 100. Wootton and Perle, 2-inch, \$2.50 per 100.

Joseph Heintz, Jacksonville, Ill.

800 Brides, 200 Kaiserin, strong, healthy, 2½-inch. Will sell or exchange for Palms, Boston ferns or Hydrangea hortensis.

Isaac Miles, Oshkosh, Wis.

American Beauty, Bridesmaid, Perle, Bride, Sunset, Meteor, Morgan, Testout, Mermet, La France, 3, 3½ and 4-inch.

A. S. MacBean, Lakewood, N. J.

Surplus Brides and Maids, 3½-inch pots. Only 800 left; \$3.00 per 100; \$20.00 takes the lot. Cash with order.

C. F. Fairfield, Springfield, Mass.

5,000 Bridesmaids, from 3½-inch pots, \$6.00 per 100; \$50.00 per 1000. From 2½-inch pots, \$3.00 per 100.

Edw. J. Taylor, Southport, Conn.

Surplus roses, good stock. 1500 Brides and Maids, 2½-inch pots, \$2.50 per 100; or the lot for \$28.00 to clean up. Don't delay.

Hoffmeyer, Box A, Carnegie, Pa.

Maids in 3-inch pots; very strong, healthy plants, guaranteed to please you or your money back.

C. Humfeld, Clay Center, Kan.

400 Brides and 300 Maids, 3-inch, \$5.00 per 100. 100 Beauties, 3-inch, \$5.00. The 500 plants, \$30.00 cash.

J. Welsh Young, Germantown, Pa.

Brides, Maids, Kaisersins and Morgans, 2½, 3 and 3½-inch pots. Ludwig Wild, Jackson and Bay View Aves., Jersey City, N. J.

2500 Golden Gate, 2½ and 3-inch pots, \$4.00 and \$6.00 per 100. Cash. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

2000 Maids from 4-inch pots for sale at a very low figure. Clean, healthy stock.

P. Cosgrove & Son, Madison, N. J.

Surplus roses, Brides and Maids, first-class stock, from 3-inch pots, \$4.00 per 100.

Crabb & Hunter, Grand Rapids, Mich.

1000 Beauties, 15 cts. each; 1000 Brides and 1000 Maids, 6 cts. each. All A1 plants.

Louis M. Noe, Madison, N. J.

500 Bridesmaids, 700 Brides, 2½-inch, \$2.50 per 100. Good, healthy stock. Cash.

J. N. Kidd, Florist, St. Joseph, Mo.

50 Bridesmaids, 100 Brides, 2½-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, Ohio.

Bride and Mermet, extra strong, 3½-in., \$6.00 per 100. N. Smith & Son, Adrian, Mich.

40 acres of Hardy Roses.

Storrs & Harrison Co., Painesville, O.

Manetti stock for fall delivery.

Hiram T. Jones, Elizabeth, N. J.

H. P. Roses and Ramblers at reduced prices.

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Chinese Primrose seed. The finest large flowering, fringed varieties grown. Not at all like the cheap imported seed. Special packet of thirteen (13) varieties, single and double, mixed, 400 seeds, \$1.00; half packet, 50 cents. A packet of the new Forget-me-Not Jewel added to every order. Strictly cash prices.

Giant Pansy. Best large flowering varieties to be had; no finer offered; larger and finer this season than ever. All the seed plants critically selected. Per packet, 3,500 seeds, \$1.00; half packet, 50 cents.

John F. Rupp, Shiremanstown, Pa.

Calceolaria hyb., pkt, 25 cts. Cyclamen gigant., 100 seeds, 50 cts. Cineraria hyb., Giant, 500 seeds, 25 cts. *Primula*, white, red, rosy, blue, separate, 100 s, 20 cts; 500 s, 80 cts. Pansy, choicest German, Scotch, French strain, 1,000 seeds, 25 cts; 5,000 seeds, \$1.00. White, red, yellow, blue, bronze, black, striped, purple, separate, 1,000 s, 25 cts.

H. H. Berger & Co., 47 Barclay St., New York.

To exchange.—Pansy seed, extra fine strain, the best plants out of a field of 30,000 being selected for seed; for Daybreak, Scarlet or some of the newer Carnations from soil or field. Asparagus Sprengeri, Asparagus Plumosus or Adiantum Cuneatum. What have you? Frank L. Rumrey, Box 122, Stoughton, Mass.

Zirngel's Market and Fancy strains of pansies are unequalled for size and brilliancy of color and the most popular strains to date. New crop seed ready now. Trade packets of either strain at \$1.00 each. Full directions how to sow and cultivate with every packet.

Denys Zirngel, Needham, Mass.

Pansies, Mitting's Giant Flowering, \$4.00 per oz.; \$50.00 per pound; Mitting's Sky Blue, Purple, Yellow, White, \$2.00 per oz.; \$25.00 per pound. Morris Floral Co., Morris, Ill.

Fresh importation genuine English Mushroom Spawn, \$6.50 per 100 lbs. H. G. Faust & Co., 64 N. Front St., Phila., Pa.

Sweet pea seed, new crop. Unusually good mixed strain, 30 cts. per lb. Cash with order.

J. J. Dean, Moneta, Cal.

Wholesale price list for florists and market gardeners.

W. Atlee Burpee & Co., Philadelphia, Pa.

The Jennings' strain of pansy seed. New crop, \$1.00 per packet; \$6.00 per oz.

E. B. Jennings, Box 254, Southport, Conn.

Special seeds for the florist and gardener. Send for wholesale catalogue.

Johnson & Stokes, Philadelphia, Pa.

Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.

C. Soltau & Co., 199 Grant Ave., Jersey City, N. J.

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CLASSIFIED PLANT ADVERTISEMENTS CONTINUED.

SMILAX.

Smilax, 2 1/2-inch, \$1.25 per 100. Dracaena indivisa, 2-inch, \$3.00 per 100. Cyclamen persicum, 3c. 10 per cent off on 300. All good stock. Cash with order. W. G. Kraber, 35 Tremont St., New Bedford, Mass.

3,000, from flats, by mail, 50 cents per 100; \$4.00 per 1,000; from 2-inch pots, \$1.50 per 100; \$13.00 per 1,000. Cash with order. Fred Boerner, Cape May City, N. J.

Smilax, very strong bushy plants, 2-inch, ready for planting, \$1.50 per 100; \$12.00 per 1,000. These will surely please you. C. Humfeld, Clay Center, Kan.

2-inch pots, \$1.50 per 100; \$12.00 per 1000. Fine strong plants. Cash with order. Jos. Wood, Spring Valley, N. Y.

Smilax, extra strong, 2-in., \$1.00 per 100; \$8.00 per 1,000. South Side Floral Co., Springfield, Ill.

Smilax, strong, from 2 1/2-inch pots, \$2.00 per 100; \$15.00 per 1000. Cash. P. M. DeWitt, Torresdale, Phila., Pa.

Extra fine plants out of 4-inch pots, \$4.50 per 100; \$40.00 per 1000. Wm. Schweinfurth, Ridgewood, N. J.

Extra fine pot plants, only \$1.50 per 100. No order filled for less than 100. A. J. Baldwin, Newark, Ohio.

Fresh seed, oz., 40 cts.; pkt., 15 cts. H. H. Berger & Co., 47 Barclay St., New York.

Pot plants ready now, by the 100 or 1000, at \$1.50 per 100. A. M. Herr, Lancaster, Pa.

Fine, strong plants, \$2.50 per 100; \$20.00 per 1000. Wood Bros., Fishkill, N. Y.

Smilax, twice cut back, extra, 2-inch, \$1.50 per 100. Geo. M. Emmans, Newton, N. J.

Elegant stock, 2-inch, \$1.25 per 100; \$10.00 per 1000. Furrow Bros., Guthrie, Oklahoma.

Seedlings, from flats or transplanted. Write for prices. Geo. Souster, Elgin, Ill.

Flne 2 and 2 1/2-inch Smilax plants, \$2.00 and \$2.50 per 100. John Wolf, Savannah, Ga.

From 2 1/2-in., extra strong winter sown, \$2.50 per 100. N. Smith & Son, Adrian, Mich.

1000 Smilax, 2-inch, \$1.25 per 100. J. N. Kidd, Florist, St. Joseph, Mo.

1000 Smilax, 2 1/2-inch, \$1.25 per 100. Joseph Labo, Joliet, Ill.

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Celery plants, field grown from rich peat beds, sheaved and well hardened: W. Plumc, S. Blanching, Boston Market, H. H. Dward, G. Pascal, on order of 5000, \$2.00 per 1000, express prepaid. Small plants for transplanting, 7 cts. per 1000; 5000 order, 60 cts. per 1000. Cash with order. Henry W. Williams, 603 Ravine Ave., Peoria, Ill. For quick shipment address T. B. Long, Mgr., East Peoria, Ill.

Celery plants, extra strong selected; as good as transplanted ones, \$1.50 per 1000; 5000 for \$6.00. Ordinary extra strong, \$1.00 per 1000. Leading varieties. Wm. Herzog, Morristown, N. J.

Cabbage, celery and tomato plants, field grown, 15 cts. per 100; \$1.00 per 1000. If by mail add 10 cents per 100. R. Vincent, Jr. & Son, White Marsh, Md.

VERBENAS.

Verbenas, 2 1/2-inch, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

VINES.

Variogated trailing abutilon, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00 per 100. Manettia bicolor, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00. English ivy, 2 to 3 feet, \$5.00 per 100. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

VIOLETS.

Pot plants now ready of Marie Louise, Farquhar and Lady Campbell, free from disease, first class stock. Write for prices. Crabb & Hunter, Grand Rapids, Mich.

California Violets, well rooted runners from cold-frame, \$1.00 per 100; \$7.00 per 1000. Cash P. M. DeWitt, Torresdale, Phila., Pa.

Marie Louise violets. Potted plants, clean and healthy in every particular, \$5.00 per 100. Cash with order. Wm. J. Chinnick, Trenton, N. J.

Farquhar, 3-inch pots, from sand struck cuttings, \$5.00 per 100. R. Insall, W. Moorestown, N. J.

Marie Louise, 2 1/2-in., \$3.00 per 100; \$25.00 per 1000. Wood Bros., Fishkill, N. Y.

MISCELLANEOUS PLANTS.

Ageratum Pauline, 2 1/2-inch, \$4.00 per 100. Ageratum, blue and white, \$3.00. Cuphea platycentra, 2 1/2-inch, \$3.00. Heliotrope, 2 1/2-inch, \$3.00. Hydrangea Otaksa, 5-inch, bushy, in flower, \$5.00 per 100. Lantanas, fine varieties, \$4.00. Lemon Verbena, 2 1/2-in., \$3.00. Moon Flower, 2 1/2-in., \$4.00. Nierembergia gracilis, \$3.00. Wood Bros., Fishkill, N. Y.

Russellas multiflora and elegantissima. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy. 2 1/2-inch, \$2.50 per dozen. The Cottage Gardens, Queens, N. Y.

Lemon verbena, Impatiens Sultani, 2 1/2-inch, \$3.00 per 100. Salvia, 2 1/2-inch, \$4.00. Rooted cuttings: Impatiens Sultani, \$2.00. Lemon verbena, \$1.50. Greene & Underhill, Watertown, N. Y.

SPHAGNUM MOSS.

Sphagnum Moss, put up in new form. We are strictly headquarters on Sphagnum. A great improvement in baling Sphagnum Moss has been achieved in baling it more compressed than in the old method of the burlap bales. These bales contain the same amount of moss as burlap bales, but are only about one-third the size, making it much more convenient in handling and storing. Dry weight 30 to 40 lbs. This is strictly high grade moss, clean and free from sticks. Directions for Use:—Do not undertake to pull the Moss apart when dry. When opening the Moss for use, cut the wires and pour water on one of the sides of the bale covered by slats and you will find the fiber is uninjured, and that the Moss will shake out loose and fresh as when gathered from the marsh. The compactness of the bale excludes the air and makes the keeping qualities, as well as its convenience, far superior to the old methods of baling Moss. Jas. Vlek's Sons, Florists and Seedsmen, Rochester, N. Y., write us: "We followed your directions in cutting wires and wetting down the Moss, and it is the finest sample we have ever used, perfectly free from roots and other matter." Price per bale, \$1.00; 6 bales, \$5.00; 10 bales, \$7.50. Write for prices on large quantities. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We are now gathering Sphagnum Moss for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc. Z. K. Jewett & Co., Sparta, Wis.

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	Per oz.	Per lb.
Mitting's Giant Flowering	\$4.00	\$50.00
" " Sky Blue	2.00	25.00
" " Purple	2.00	25.00
" " Yellow	2.00	25.00
" " White	2.00	25.00

50,000 Primulas and Chierarias ready Aug. 1st.

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Full directions with every package how to sow and cultivate.

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Field Grown. 15c per 100, \$1.00 per 1000; if by mail add 10c per 100.

Chrysanthemums in good var., from 2 1/2-in. pots, \$2.00 per 100. Cash with order.

R. VINCENT, JR. & SON, White Marsh, Md.

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EXCURSION TO BOSTON VIA THE WABASH.

\$19.00 Round Trip from Chicago.

The Wabash Road will sell excursion tickets Aug. 11 and 12 at one fare for the round trip from Chicago. Are you interested? Send a postal card to the undersigned for maps, time tables and full particulars. F. A. Palmer, Asst. Gen. Pass. Agt., Wabash Railroad, 97 Adams street, Chicago, Ill.

Always mention the Florists' Review when writing advertisers.

MILWAUKEE.

The Milwaukee Florists' Bowling team rolled their regular series of games Friday evening. Some raw recruits were present which accounts for the low scores. Messrs. Edlefsen and Kennedy make their first appearance on the alleys. The team is improving and with a little more practice it may keep some of the teams at Detroit guessing, until the pins are all down.

J. A. Evans, the father of bowling among the craft, broke his own previous record by bowling 182.

An invitation was received from the Chicago club and the boys will probably go down in the near future.

The scores made are as follows:

	1st.	2nd	3rd.	Av.
Pollworth	170	171	178	173
Gregory	136	161	112	116
Holton	103	86	111	109
Zweifel	111	87	126	108
Edlefsen	97	91	108	99
Mathewson	116	116	125	122
Evans	94	117	182	131
Sylvester	132	81	110	108
Dunlop	129	152	94	125
Hunkel	90	109	116	105
Klokner	85	121	112	109
Kennedy	99	54	43	65
Ellis	161	128	144	

GEO. W.

J. AUSTIN SHAW.

J. Austin Shaw is spending a week at Detroit, representing the various houses in his line and mingling with the convention boomers and bowlers as his letters in this issue illustrate. He says this will be the banner convention of the society.

Mr. Shaw leaves for Cleveland, Buffalo and Rochester this week on his way to New York. His address will be 271 Broadway, New York city, until August 17th.

LAST CALL for advertisements for The Florists' Manual. Send order and copy soon or you may be too late.

BEGONIAS.

Extra strong plants, from 2-inch pots.

ARGENTIA GUTTATA	per 100.	\$2.00
VERNON, red or White	"	2.00
ALBA PICTA	"	2.00
THURSTONII	"	2.00
RUBRA	"	2.00

Mixed sorts, many varieties.

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PHOTO-PROCESS ENGRAVING
300-306 DEARBORN ST.
CHICAGO. + + + + +

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5000 BEGONIA REX.

POT PLANTS.

Abutilon Var, trailing, 3-inch	\$4.00 per 100	GERANIUMS—Assorted, 2½-in.	\$4.00 per 100
Begonia Rex, assorted, 2½-inch	4.00	" " 3½-in.	6.00
" " named	6.00	Mme. Sallerol	2.00
Lemon Verbena, 2½-inch	3.00	Sweet Scented, 2½-in.	4.00
Salvia, 2½-inch	4.00	Mme. Pollock	4.00
Impatiens Sultana, 2½-inch	3.00	Pansy	4.00
Begonia Tuberosa, 2½-inch	5.00	Mrs. Parker	6.00
Primrose, Chinese, Extra Fine strain, 2½-inch pots	3.00	English Ivy, 2 to 3 feet	5.00
		Verbena	2.00
		Manettia bicolor, 3-in.	6.00

ROOTED CUTTINGS.

Abutilon var, trailing	Per 100 \$2.00	Lemon Verbena	Per 100 \$1.50	Geraniums, Mrs. Parker	Per 100 \$4.00
Begonia Rex	2.00	Geraniums, assorted	1.50	Silver Leaf	1.50
" Incarnata Gigantea	2.00	Mixed	1.25	Rose Scented	1.50
" Flowering	2.00	Mars	3.00	Mme. Sallerol	1.25
Impatiens Sultana	2.00	Happy Thought	3.00	Freak of Nature	4.00
Manettia bicolor	2.00	Mme. Pollock	2.00	Ivy	1.50

Terms Cash or C. O. D.

GREENE & UNDERHILL, Watertown, N. Y.

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CRABB & HUNTER,
Violet Specialists.

Pot plants now ready of Marie Louise, Farquhar and Lady Campbell; free from disease. All stock, write for prices. Surplus Roses, Brides and Maids, first class stock, from 3-inch pots, at \$4.00 per 100. Bedding Geraniums, 4-inch pots, at \$6.00 per 100, from 3-in. pots, \$4.00 per 100. All first class stock.

GRAND RAPIDS, MICH.

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Wholesale Florists,

RICHMOND, INDIANA.

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IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE
DOES NOT INJURE THE MOST SENSITIVE PLANTS—ENDORSED BY PROMINENT FLORISTS—USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT—200 LBS. OF TOBACCO IN ONE PINT OF NIKOTEEN SOLD BY SEEDSMEN—CIRCULAR FREE—SKABCURA DIP CO. CHICAGO.
KILL AND SAVE THE BLOOMS! QUICKLY DOES IT.

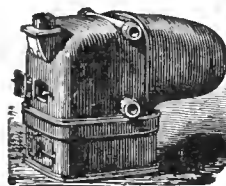
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or half soil and half JADOO FIBRE to grow your LILIES in this year.

Note the improvement over those grown last year in your ordinary compost.

IT WILL PAY YOU, as you will get MORE BLOOMS AND LARGER ONES.

Send for our New Catalogue.

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817 Fairmount Ave.
Philadelphia, Pa.

ESTABLISHED 1802

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JUST ARRIVED
IN FINE CONDITION.

Cycas Revoluta Stems,
from 6 to 15 inches long.
Price \$9.00 per 100 pounds.
Special Prices on large lots.

J.M. THORBURN & CO.
(Late of 15 John Street)
36 CORTLANDT STREET, NEW YORK

WE MAIL weekly to those who have their names on our lists

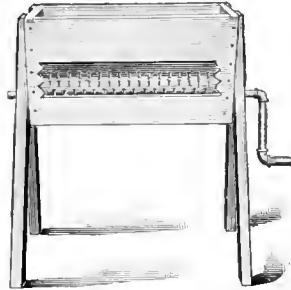
A Price-List of all kinds of PLANTS, BULBS, ROOTS, etc., offered by the best growers from all parts of the country.

Also, our quotations on GLASS, PIPE, VALVES and FITTINGS, BOILERS and all Greenhouse Construction Material.

It will pay you to place your name on our lists at once.

THE INTERNATIONAL GROWERS' EXCHANGE,
PITTSBURG, PA.
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HAVE YOU ANY SOD TO CUT ANY SOIL TO SIFT ANY MANURE AND SOIL TO MIX UP?



IF SO, you can save money by using one of our **Soil Crushing Machines**. It will pay for itself the first week. It can be regulated so as to make the soil fine or coarse as you wish. Stone and gravel have no effect on it, it is made very strong. We guarantee it will do the work far better and quicker than it can ever be done by hand. The Cylinder is framed with Iron Plates to prevent its wearing out.

(Patent applied for.) **Complete, only \$5.00.**

NORTH TONAWANDA, N. Y., July 15, 1899.

FLORISTS' SUPPLY CO.
Gentlemen:—I have used your Ground Crushing Machine ever since I first procured it from you and it does all you claim for it, pulverizing the earth finely and rapidly. I like it and find it a paying machine.
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Flowers in thumb pots; grows rapidly, 6-in. pot, carry 50 to 100 sprays of rosy flowers, 12 to 18 in. long; lasts 4 weeks when cut and wholesale at \$2 per 100; grows finely in cool house; perpetual bloomer. 12 for \$1.50, \$10 per 100, express prepaid.

New Fragrant \$1000 CALLA.

Very dwarf and free bloomer, has the fragrance of violets and lilies, \$1 and \$2 per 12, \$6 and \$12 per 100, mailed.

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of a second-hand nature which we guarantee in first-class condition. They are used extensively by greenhouse men as mains for hot water heating plants, and for sundry other purposes. We have all sizes and lengths. Note our prices: 2-in. diameter, per ft., 4c. 3-in. diameter, per ft., 5c. 4-in. diameter, per ft., 7c.

Write for Catalogue No. B 94. We can save you money on Pipe, Roofing, Lumber, Sash, Paint, Boilers, etc. In addition to the material secured in dismantling buildings, we are constantly buying entire stocks of merchandise and supplies at Sheriffs' and Receivers' Sales.

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When Writing Advertisers.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/2 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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Kasting, W. F.

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Cut Flowers—Kansas City.

Maplewood Cut Flower Co.

Cut Flowers—Milwaukee.

Ellis & Pollworth.

Cut Flower—New York.

Cut Flower Exchange.

Cut Flowers—Philadelphia.

Baker, W. J.
Pennock, S. S.

Cut Flowers—Pittsburg.

Kastling, W. F. & Co.
Pittsburg Cut Flower Co.

Cut Flowers—St. Louis.

Berning, H. G.
Ellison & Tesson.
Kuehn, C. A.

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Kuehn, C. A.
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Pittsburg Cut Flower Co.
Reed & Keller.
Rice, M. & Co.

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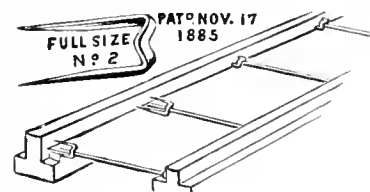
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Kennicott Bros. Co.
Kuehn, C. A.
McKellar & Winterson.
Reed & Keller.

PLEASE SEND US a correct list of the names and addresses of the florists who receive their mail at your postoffice and thereby oblige.

IF YOU DO a wholesale business, you should not fail to have an adv. in the Florists' Manual, by Wm. Scott. Write for circular giving rates, etc.



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No rights or lefts. Price per box of 1,000, 60c; by mail, 75c; in lots of 5,000 by Ex., 55c per 1,000.

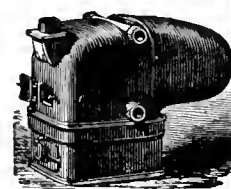
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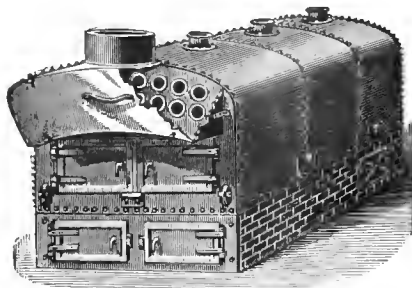
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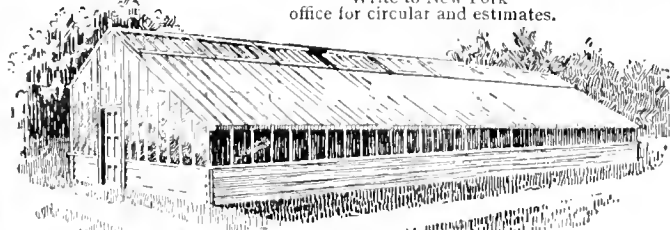
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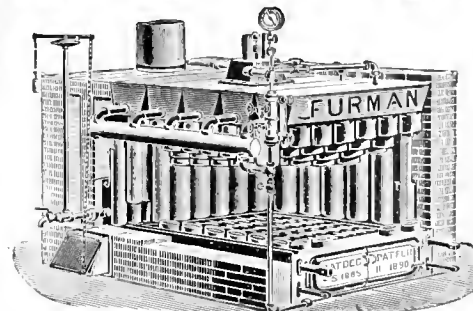
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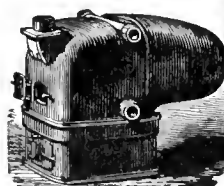
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CHICAGO AND NEW YORK, JULY 27, 1899.

No. 87.

DRACAENA FRAGRANS.

This handsome foliage plant is one of the true dracaenas, for it will be remembered by some of our readers that the majority of the plants we know as dracaenas in the trade are actually cordylines, these two closely allied families of plants having been

family of tropical plants, having been in cultivation for considerably over one hundred years, and was originally brought from Africa. But having been in cultivation for so long a period, this plant has now become widely distributed, and many of the stems used for propagation are now sent from the West Indies to Europe and

nearly buried in sand or light soil and kept constantly moist, under which conditions the dormant eyes soon start into growth and the young shoots are taken off as cuttings. The latter are by no means difficult to root, and should be potted off into small pots and kept well shaded and rather close until they become established and then shifted on into larger pots before they show signs of starvation, it being one of the essentials of successful dracaena culture that the young plants be kept moving along steadily.

Good turfy loam with a liberal proportion of dry cow manure and a sprinkling of bone dust forms a satisfactory compost for these dracaenas, and they require a shaded house, a moist atmosphere, and a temperature of 65 to 70 degrees at night to grow them rapidly. If allowed to become starved they soon lose that rich dark green color of the foliage and the tips of the leaves are likely to decay, beside the possibility that the plants may run to flower instead of continuing to grow.

In a well-grown specimen the leaves are very broad and of a leathery texture, and such specimens will endure house decoration for a considerable time before they grow shabby, but if the plants have been grown very soft by means of an extremely high temperature and close atmosphere they are likely to prove decidedly unsatisfactory to the decorator.

Our illustration gives a good idea of a sturdy young plant of *D. fragrans*, such as may be grown in a few months from the cutting, providing reasonable care be given to its culture. The plain green foliage of the type is not, however, the only form we have of this handsome plant, there having been at least two variegated forms of *D. fragrans* that have been distributed.

The first of these is that known as *D. Lindenii*, the habit of which is similar to that of the parent, and the



Dracaena fragrans.

much mixed in their nomenclature, and in consequence we find that the brightly colored cordylines that have mostly arisen from *C. terminalis* are more widely known as dracaenas.

Dracaena fragrans is one of the earliest introductions in this interesting

also to our own plant centers, where they are usually sold for so much per foot.

These stems, which range from half an inch to three times that diameter, are laid in a propagating bench where strong bottom heat can be maintained,

leaves also broad and drooping, but their beauty being enhanced by a series of stripes of creamy white or yellow on each side of the green center, our illustration giving some idea of the marking of the leaves as it appears in a young plant.

The second variegated form of *D. fragrans* is the admirable plant known as *D. Massangeana*, and of which we also present a photograph, the chief distinction between this form and *D. Lindenii* being found in the arrangement of the variegation, which in *D.*

Massangeana usually appears in a broad band of yellow or cream color throughout the center of each leaf.

These variegated forms of *D. fragrans* have possibly a little less vigor than appears in the type, but still it would be unfair to class them as very tender, for the endurance of a plant depends very greatly on the method by which it is grown, and given sensible treatment the plants in question will endure considerable exposure.

W. H. TAPLIN.



Hoeing.

Keeping the paths wet, the plants watered, weeds down and yourself cool are the chief occupations at present. Having occasion this very morning to start a man hoeing among a lot of geraniums and cannas that had been a stranger to the hoe for two weeks, and the late copious rains having induced a growth of pig-weed and others, I saw illustrated in the art of hoeing "How not to do it." And yet the man had worked for years in public parks and gardens, but not for me. He handled the hoe like a country school marm does the hay rake—body perpendicular and sideways and the left or lowest hand guiding the hoe handle between the index finger and thumb, precisely as an expert billiardist grasps, or rather poises, the cue. This is all right for sun-bonnet and petticoats, but a poor apology for hoeing by a gardener.

It is not alone to skim off the weeds that you are hoeing, it is to loosen up the soil. Bend your back, grasp the hoe handle firmly with the left hand and hoe deep. If you can't bend your back, go to a specialist and get your spine "rubberized." It is all the go. In after ages geologists will speak of the 19th and 20th centuries as "the great rubber age." Or if that is not convenient and you will never learn to hoe, get a job as sandwich man for advertising purposes. The straighter you are the better for that purpose.

Hoeing after a rain before the ground gets dry and hard again, in almost any texture of soil, should be a real pleasure to any gardener, whether he be workman or employer, and if his instinct does not teach him when to hoe and a little practice show him how to do it, he has mistaken his calling and had better turn drummer.

Poinsettias and Bouvardias.

A correspondent asks for some hints

on poinsettias and bouvardias. I will cover poinsettias at length in a separate article. Will just say that now is a grand time to propagate them. The cuttings made from the old plants outside are short and firm and if put into the sand with a few eyes will root in about two weeks. The cuttings want no bottom heat but should be copiously watered and when potted off kept shaded and moist till they begin to root in the 2½ or 3-inch pots. After once taking hold they want the lightest bench in the greenhouse and all the ventilation you can give them.

Bouvardias of all varieties should now be out of doors in some light, rich soil. They are propagated from small pieces of the sound roots in February and March and grown in small pots till time to plant out. The growth from which you expect flowers in the winter is all made after you plant them out, strong shoots springing from the base of the plants. If these young growths show flower buds pinch them down to within a few inches of the ground, but it is seldom that the young growths show buds before lifting time.

Unless we get rains the bouvardias should receive a soaking (not a sprinkling) once a week and a hoeing before the ground dries. They lift well but not nearly so easily as a carnation, and if they lose many of their young feeding roots will wilt for several days. They should be lifted about the middle of September and planted on a bench in 5 or 6 inches of light soil. If inclined to flower early pinch all the leading shoots at lifting time; you will get later flowers but more of them.

The bouvardia was for years one of our staple winter flowers and few flowers are prettier than the honeysuckle-like blossoms. It must have been the

rise to popular favor of the chrysanthemum, and perhaps the much improved varieties of carnations that put them in the shade. If wanted for pots they should be lifted with the roots entire if possible, and kept shaded and frequently sprayed till they have hold of their new surroundings. For cut flowers they are best planted on the bench.

Mignonette.

We were very successful one year in growing mignonette for Easter by starting in small pots and shifting on. Next time it did not answer so this year we shall revert to the orthodox plan and shall the first week in August sow a few hundred 5-inch pots with a sprinkling of seed, and when an inch or so high thin out to the three strongest plants. The soil should be a strong loam with a fourth of rotten cow manure and the soil should be firmly pressed down. It seems a good many months to grow this little familiar plant, but it is the only way. You can at no time force mignonette.

We grew a bench of first class mignonette last winter and I think it pays as well as anything. Customers find it out and send around for "a dozen of that big mignonette, if you please." When you hear that you know you have got something that every Jack, Bill and Joe has not. It should be a very light house for mignonette and if you can keep the temperature at 40 degrees in cold weather it will be high enough. Always sow where you are going to grow it. Drop a few seeds every foot and when large enough to be safe from slugs, etc., thin out to one plant. A foot apart is close enough and some of the specialists give it even more room.

Chrysanthemums.

You should not delay tying up your chrysanthemums. It is bad to let them flop about for want of support. There is nothing so cheap, expeditious, or answers the purpose so well as a wire across the bench near the row of plants and a corresponding wire near the roof, and from the bottom to the top wire a coarse, cheap brown string. Don't try to be saving and make one string do for two or three plants, for it won't; let each plant have a string.

I notice in looking around among my neighbors (a florist who is six miles away is your neighbor) one has a heavy shade on the glass over his mums; shade enough to suit the Killarney ferns. This is bad for chrysanthemums; they want the fullest light possible.

As they are growing very fast now they will take an abundance of water. If you are troubled by the ravages of a little green worm that is very fond of the leaves, and also the black and yellow fly, you can stop both by a careful application of tobacco extract and paris green, but don't put it on when the sun is shining. Towards evening, or on a dull day is the proper time. One ounce of paris green in four gallons of water to



Dracaena Lindenii.

which add one-fourth pint of the Rose Leaf extract of tobacco. Niko-teen is more powerful and will kill the fly quicker, and should be diluted with water at least 200 times, but it hasn't the sticky qualities of the Rose Leaf, which is a help in making the solution stick to the leaves, and unless the solution sticks on the leaves it won't reach the stomachs of the "chewers."

Some florists don't distinguish between their enemies the "chewers," and their enemies the "suckers." The worms are of course "chewers," and when they eat the leaf they swallow the dressing that you have kindly spread for them. The "suckers" are the aphides who can push their sucking apparatus through a layer of paris green with impunity and draw out the juices of the plant. But the breathing apparatus of the aphid cannot endure the fumes of nicotine which they get from the tobacco extract. Fumigating is the best of all where only the aphid troubles you. All aphids will succumb to it after two or at least three smokings.

Japan Lilies.

The Japan lilies are just coming in with us and very beautiful and useful they are. They also want an occasional smoking, for greenfly is very fond of them. They are much better when shaded and cool.

The Tussock Moth.

In many of the cities of our land the

shade trees have been sadly disfigured by the attacks of the Tussock moth. Perhaps, Mr. Florist, your customer has sent to you for a remedy, as you are the best informed man of his acquaintance and it is somewhat in your line. Tell him that to attempt to spray a large elm and wet all its leaves thoroughly is futile and absurd. It can't be done without the aid of a city steam fire engine, and if this could be done there is no need of it.

Send a boy up the trees to jar the branches. The worms will fall at once to the ground where you can kill them, and if any escape they will at once make a bee line (or rather worm line) for the stems of the trees. The same authority taught these short-lived worms their first journey to the tree stem that taught the humming bird to build its tiny nest the counterpart of that its parents built. A band of cotton batting around the tree just below the first branch will arrest their ascent and they will soon go into the cocoon state on the bark of the tree where they are easily destroyed by a rub with a wire brush. The cotton batting is not a necessity but it will help. The worms never go high in the tree to spin their cocoons. If this method was faithfully carried out during the months of July, August and September our cities would soon be rid of this picturesque worm that leaves our chestnuts and elms as if they had been through a fire.

WM. SCOTT.

PALM SEEDLINGS.

Would you be kind enough to let me know how I should treat my kentia seedlings as I have not much experience in this line.

I sowed two months ago 5,000 Kentia Belmoreana and Forsteriana in boxes about 20 inches long and a part of them are just coming up. Could I leave them in boxes until a year from now to save room? H. B.

The kentia seedlings may be left in the boxes for some months if necessary, without much injury to the plants unless they are quite close together. But in the latter case the young plants will be liable to draw up, and become rather spindly.

The best practice with kentia seedlings is to pot them off into 2-inch or 2½-inch pots by the time the second leaf is formed, using good, rich loam for a compost, and placing them in a shaded greenhouse where a night temperature of 60 degrees can be maintained during the winter. Do not allow them to become very dry at any time, and syringe freely every bright day.

Owing to the long and stiff roots formed by most seedling palms it is more convenient to use deep pots when potting them off, many growers using 2x3 inch pots for this purpose.

W. H. TAPLIN.

ROSE NOTES.

Insects are more numerous with us this season than usual and if they are not persistently hunted down do a great amount of damage. Caterpillars have given us a great deal of trouble. It is aggravating to come into the rose houses in the morning and find that several colonies of these insects have stripped the leaves from the best shoots and eaten the buds, or have lain up against some fine plump bud which would otherwise have produced a perfect specimen and chewed into the side or the top off as though some one had cut into it with a knife. Hand picking is the only way to get rid of them, but a preventive is to catch every butterfly that appears and place him in a collection, either in a case or in a pile on the greenhouse walk minus his head.

The lively grasshopper will help you to disbud a great deal of the stock. He'll sit upon a tender shoot about four inches from the end and chew it near enough through for the end to lop over, but his work is rarely thorough, as the end usually hangs to the stock; so with all others who do not do their work properly, he should be banished from the rose houses. When you see a hopper don't let him get away, but chase him relentlessly till you capture and decapitate him.

There is no excuse for red spider now, as one can syringe every day and oftener if necessary during this hot bright weather. Thrip is causing a great amount of damage in some places. I see the effects of much of

it in the misshapen and crumpled buds. All buds that are so infested should be cut off and burned. When the weather is cooler I believe persistent fumigating with tobacco stems with a handful of red pepper thrown into the fumigator is beneficial. It is very hot, though, these evenings, to close up the house for fumigating and if syringing is faithfully attended to greenfly will not make it necessary

to do so until later in the season. I have seen very little of this pest this season.

I need not say keep the ventilators wide open, for if you are working in the houses you will do so for your own comfort, and you will be so glad to get out in the evening you will not likely think of them except in case of a storm.

A. O. T.

ting sheds where designs are often made up; these sheds are mere junk-boles, unfit for a customer to see; how very little it would require to make these places presentable and cozy little offices where people could be inspired with confidence in your ability and good taste. We hear a good deal about judge the girl by the condition of her house. Well we might apply the maxim to the florist and his houses, and particularly his office.

Camellias are destined to become popular again. No one grows them near civilization at present. Try a batch of them. If you grow enough white ones to make a wreath of, well you can offer it at a good big price, besides they will be worn in the hair again, as they were in the long ago. Yes grow a few camellias, they'll sell.

When you decorate the lunch table, with sweet peas for instance, don't bunch them like a head of cabbage and then cover them with maiden-hair fern. Use a low bowl, spread the flowers loosely and use a few of their own vine tips; if other greens are used keep them beneath the flowers. The rule to adopt is this: when small delicate flowers are used they should be arranged with their own foliage and in the manner peculiar to their form of growth, though greens must always be subservient—more of a neutral than an emphasizing element. You see, particularly when we use a variety of colors, there would be many jarring contrasts were it not for the neutrality of green, and it is most effective when arranged underneath and between other colors. (We are personally very fond of green and delight in seeing it above the red and all other colors, but here we are discussing art.) The trouble is that some people cover flowers with adiantum, which withers very quickly and spoils everything. Green is an elegant background for any color, and if you have any space to cover use plenty of it.

Cannas are coming into bloom, and they are grandly gorgeous and yet delicate enough for any place, and suitable for most work. Cannas should be cut in the morning and if wanted for the night should be put away in the ice-box till then. Now suppose we have a customer who wants continuous changes or leaves all to your judgment. You can give them a surprise with Cannas. You will not get them at the wholesalers', because like many other lovely flowers they are too delicate to maul about. Suppose you want a "pink table," well the Marlborough canna is just the shade of Laing or Luizet roses, and it's grand when arranged with soft green. Of course you cannot use the canna foliage; it is too clumsy. Any of the ferns or fine greens will go beautifully with all the wide range of color in cannas, and if we wish contrasts, why just get some fine tips of *Prunus Pissardii* and use them for a background or foundation for yellow cannas, of which Eldorado is best. Yellow and plum colors are strong and



What's the latest in flowers to wear on the streets? Well, fashionable flowers cover a wide range in this country, because we have such a mixture of ideas of taste, and yet the whole can readily and harmoniously be constructed into one of those incomparable degrees of American art. Fashions in flowers are like those in dressmaking and in millinery. In the summer light, cool, yet bright effects are demanded. Many, in fact most of the great artists have a fondness for quietness or modesty in colors. You will never see any of them wearing anything approaching brilliancy. And yet they love to see others do so. The human eye needs variety of subject and color, we love to see a girl wear something bright, if it's only a piece of ribbon, it adds to beauty, which gives us delight. We find pleasure in the contrast of colors. It is true we will often see the most daring, very often most inharmonious combinations in the ultra-fashionable milliner's window, or worn by the heiress to millions. Many times these be only experiments to attract attention.

The other day we met a young lady renowned for her wealth and beauty, and she was dressed in white, her face was white and she wore an enormous bunch of white sweet peas at the waist. Well she had the appearance of a caricature of a corpse. Had she worn a few red roses, or even pink sweet peas, the effect would have been entirely different. The fashion in flowers must be governed a good deal by the color of cloth worn, and here is where the florist can do much to establish a reputation; by suggesting the most suitable color in flowers.

At this time of the year bright garden flowers, such as sweet peas, blue

and yellow cornflowers, ipomeas, nasturtiums, just a cluster of some small flower of one color is most suitable. Very little or no greens should be used, the flowers arranged loosely and the cluster should be small and light, and of a color to harmonize or contrast well with the dress. They are worn at the waist, but if the lady be riding on a wheel or coach get two or three roses or carnations, or some substantial flower that will stand contact with the wind, tie them compactly; the stems must be short for they are to be worn on the lapel of her coat or on the breast. A gentleman's morning boutonniere is some simple flower without any "fixin'." In the evening, however, the lady should wear red roses or a fine spray of *Cattleya gigas* across the top of her décolleté gown. No greens should be used, just the flowers in their rich simplicity. The men should wear lily of the valley made compactly, small leaf behind, if the lady wears orchids; a red rose or white carnation if otherwise. The custom of wearing white flowers in the evening is dying out and it should do so. The time will surely come again when the present black dismal evening wear will be replaced by modifications of the picturesque Louis XV period.

We expect to see many good things offered this coming season in the way of new baskets, vases, ribbons, etc. We shall give a careful review of the latest and best before it is time for you to buy. Don't stock up with rubbish because you can buy it cheap; your store should not have the appearance of a second hand furniture shop. When you are cleaning up and repainting this summer, remove the eyesores. We know of numerous pot-



Dracaena Massangeana.

agreeable. Then get some tips of golden philadelphus or elder and use them as above for scarlet or crimson cannas. These arrangements are used only when we wish to create pleasing items here and there in large decorations. The best way to use these flowers is to put them in water. There can be nothing finer on the table nor in any part of the house than a vase of canna blooms; this is particularly the case in summer homes where the bright and sunshiny tone of everything requires richness and brilliancy in flowers.

We are often compelled to smile at the general estimation the public has of the florist, and indeed that the florists have of themselves. It seems to be the settled opinion that no taste, no knowledge of beauty nor art is required to be a florist. Well, it is quite true that many are satisfied to wrap loose flowers up and will never be able to accomplish much more. And then again the present tendency of the majority is to dispense with everything requiring technical knowledge, because that is a scarce article and very hard to acquire. The average florist is a better copyist or imitator than originator, and there are many employers who would rather scoff and deride than pay the good artist.

Of course there are exceptions, and the day is soon to be here when the exception will win and rule. The beauties of our trade will yet be fully recognized, and a still higher knowledge will be exacted from decorators. Often we have gone into palaces and witnessed some cheap, ignorant florist

desecrate some gem with a rough garland of laurel or a bunch of terrible flowers. Just imagine gladiolus and sunflowers against a Rembrandt or a Meissonier; some priceless picture is often made a background for a vase of flowers, which spoils the effect, may degrade, the work of art. The real artist will never disfigure the work of another. Beauty appeals to his thoughts, and if he cannot enhance, he will not destroy.

Here, for instance, there is hanging a very delicate and refined water color. Anything coarse would never do near it. That spike of light blue delphinium, a few poppies or nasturtiums will be better, and arrange them at one side and underneath.

There's a picture of roses; put some near it, just the same color as the painted ones, and let them fall gracefully. Don't put white flowers near a sad picture, a little green is best. The only way to decorate in a gallery or studio is to put your flowers in vases on tables. Don't indulge in formal monstrosities. A few fine palms or ferns, some delicate and natural vines and cut flowers in either glass or old-fashioned and soft-hued vases are the only materials permissible where valuable works of art are displayed.

IVERA.

CHRYSANTHEMUM NOTES.

Feeding.

Feeding is a matter about which everyone must judge for themselves, being guided by the condition of the plants, quantity of manure in the soil

when the plants were benched, and many other points about which the outsider knows nothing. As long as the plants are making good, sound wood and healthy foliage, we always say, don't feed. Plants will always show to the observant cultivator when they need feeding and then and not till then is the time to apply it.

In the case of plants that were benched in May, and some of the pot plants that are well rooted, a weak liquid of cow or sheep manure will be beneficial. Once a week is often enough to start with and don't get it strong by any means. There is lots of time to increase the strength between now and next October. If any plants are starved and getting stunted, nitrate of soda applied at the rate of a pound to fifty gallons of water will soon start them moving. We dissolve two pounds in a fifty gallon barrel of water and then apply with the Kinney pump which dilutes it to the proper strength and, by the way, this little pump is one of the greatest things for "taking up the white man's burden" that I ever came across. Applying liquid with a can is far too slow for present day requirements, yet many a hard-working florist still does it.

Of course the best scheme of all for getting a supply of liquid is to have a tank built up above the houses, so that the liquid can run down and distribute itself naturally through the pipes, but unless the houses are built on a hillside this is expensive. A tank under the bench, or even barrels, answers just as well for the Kinney pump, only you need one portion screened off, so that the manure will not clog the pump. I am not writing a free advertisement, but just simply describing an invention that has saved me and many another florist a sight of hard work. If the benches are shallow, and so full of roots that they dry out quickly, the best plan would be to give the bed a sprinkle of bone dust and then top dress with an inch of cow manure. This will retain the moisture and in a week the roots will be found running all through it. Wherever the feed is the roots will go to find it. We used to mulch with tobacco stems, and they can be recommended for this purpose. They have some fertilizing value and also keep down the black-fly.

Specimens.

Specimens should not be stopped again now, if the best results are looked for. If they are in pots and well rooted a good top dressing will start them away vigorously. Put in a few stakes and tie up the main shoots to keep them from splitting off. Don't crowd them if you are looking for shapely plants. BRIAN BORU.

TRENTON, N. J.—Carl E. Taube has purchased the establishment of the Mercer Floral Co. and will devote the whole 40,000 feet of glass to the growing of cut flowers.

SOCIETY OF AMERICAN FLORISTS.

The fifteenth annual meeting of the above society will be held at Detroit, Mich., August 15, 16, 17 and 18. The preliminary program has been issued. Any one who did not receive it may obtain a copy by addressing the secretary, Wm. J. Stewart, 67 Bromfield St., Boston, Mass.

NEW YORK TO DETROIT.

The committee in charge of the transportation for New York and vicinity has made definite arrangements to go by the celebrated Black Diamond Express, Lehigh Valley railroad, leaving foot of Cortlandt street, New York, at 12 o'clock (noon) on Monday, the 14th of August, reaching Detroit the next morning at 6:55 a. m. The beautiful scenery of the renowned Lehigh and Susquehanna valleys by daylight, in a special car, will, we feel sure, induce many to go who otherwise would not.

The rates are one full fare going and one-third fare returning, on the certificate plan, or \$13.50 for the fare going and \$4.50 for the return; in addition the sleeping car fare from Buffalo to Detroit is \$2. Delegates wishing to save themselves trouble may secure tickets both for train and sleeper by remitting \$15.50 to John N. May, Summit, N. J.

The committee's work will be greatly facilitated by delegates notifying in advance and as soon as possible their intention of going.

As the New York Florists' Club has decided to invite the S. A. F. to New York in 1900, the members will realize the great importance of having a full delegation at the forthcoming convention.

For the New Jersey delegates who may prefer to board the train en route, it stops at Newark at 12:28 p. m., South Plainfield at 12:51 p. m., and South Bethlehem at 2:06 p. m.

W. J. Stewart, P. O'Mara, John N. May, Committee.

CHICAGO TO DETROIT.

The Chicago Florists' Club have made arrangements to use the Wabash railroad on their trip to the Detroit convention, to be held August 15-18, 1899. The party will leave Chicago on the Wabash Continental Limited at 12:00 o'clock noon, August 14, and will arrive at Detroit at 8:10 p. m. the same day. The committee have arranged for a certain number of reclining chair cars to be set aside for their exclusive use.

The rate will be a fare and one-third for the round trip, on the certificate plan. You pay full fare going, \$7.75, and get a certificate from the ticket agent which entitles you to a rate of one-third fare (\$2.60) returning. This makes the rate \$10.35 for the round trip. Be sure and ask your ticket agent for a certificate showing that you have paid full fare going. Tickets will be good on any

regular trains of the 14th and 15th of August, and will be good returning until August 21st. Free reclining chair cars on all trains.

The club hereby extends a cordial invitation to all Florists' Clubs and those going who reside in the west and northwest to join them on the trip as their guests, promising them a pleasant time on the road. The Wabash railroad authorities promise to do all in their power to make their trip a pleasant one.

Correspondence is solicited for further particulars from all who think of going. Join us in a grand turn-out to honor and escort our western president of the Society of American Florists, and to make the meeting a memorable one.

For further particulars address any member of the committee as below:
Edgar Sanders, 1639 Belmont Ave.
P. J. Hauswirth, 318 Wabash Ave.
W. N. Rudd, Mt. Greenwood, Ill.

BOSTON TO DETROIT.

Arrangements have been made whereby those who so desire may travel together on special buffet sleeping car from Boston. The train selected is the "Continental Limited," leaving Boston 11 a. m. Monday, August 14, due in Detroit Tuesday at 7 a. m. The route is via Fitchburg R. R. to Rotterdam Junction, West Shore to Utica, New York Central to Buffalo and Wabash R. R. to Detroit. Connecting train leaves Worcester at 11:45 a. m. Monday. It is hoped that the New York party will arrange to connect with the Boston party at Rotterdam Junction. The fare is one and one-third full rate for round trip from all points, which makes the Boston rate \$22, exclusive of sleeping car berths. Meals will be provided for all passengers on the Boston car without charge. Stopover allowed at Niagara Falls both going and coming. Those who intend to go with the Boston party are requested to communicate with Wm. J. Stewart.

DETROIT HOTELS.

Below is given a list of the hotels in Detroit, with capacity and rate of each:

Hotel.	Cap.	American Plan.	European Plan.
Cadillac	200	\$3.00-3.50	
Russell House	200	3.00-4.00	
Normandie	100	2.00-3.00	
Griswold (good)	100	2.00-3.00	
Oriental (good)	100		\$1.00-1.50
(Bath included).			
Metropole	50		1.00-1.50
Wayne	100	2.00-3.00	1.00-1.50
Barclay	100	1.00-1.50	
Franklin House	75	1.50-2.00	
Library Park			1.00-1.50

S. A. F. TRADE EXHIBIT.

Any one having anything to sell to florists should secure space for the trade exhibit at Detroit in connection with the S. A. F. convention on August 15 next. Address

GEO. A. RACKHAM, Supt.,
880 Van Dyke Ave., Detroit, Mich.

NEW YORK.

Convention—That's the sole topic of conversation and consideration hereabouts just now, and it's assured that a jolly crowd will go from New York. Kind reader, they may not be a multitude, but they will be a stout hearted detachment, brimful of fun and yet with a set purpose in view—that's to bring the convention here in 1900. Help them for old times' sake. We had purposed giving a general list of reasons why the convention should be held here, but really they became so bewilderingly numerous that we could not find space for them; but sure most of you know them.

New York is not given to boasting only when she claims her Americanism. She has been and will continue to be the gateway of all the country's prosperity. Hers is the hand which rocked and nursed all your greatness; your great cities are all her children, and when mother speaks this time, remember she comes first. New York does not beg of you to consider her as against any rival, her request is whole-hearted and she wants a whole-hearted response—a unanimous response or none. Your action will not merely have the effect of cementing together the powerful local bodies in and surrounding New York, but the National Society will be placed upon a higher pedestal, a new spirit will be infused into its life—your own life—which will benefit all. Yourself and your family need a trip to New York to see its greatness, and delight in its glories, 'tis the oldest city and yet the newest, 'tis the humblest because of its mightiness. Vote for New York in a manly way; you'll not be sorry.

The committee appointed to invite the convention to hold its next meeting in this city will meet in the New York Florists' Club rooms at 3 p. m., on Monday, July 31, and after this meeting the bowling alleys will be attended to.

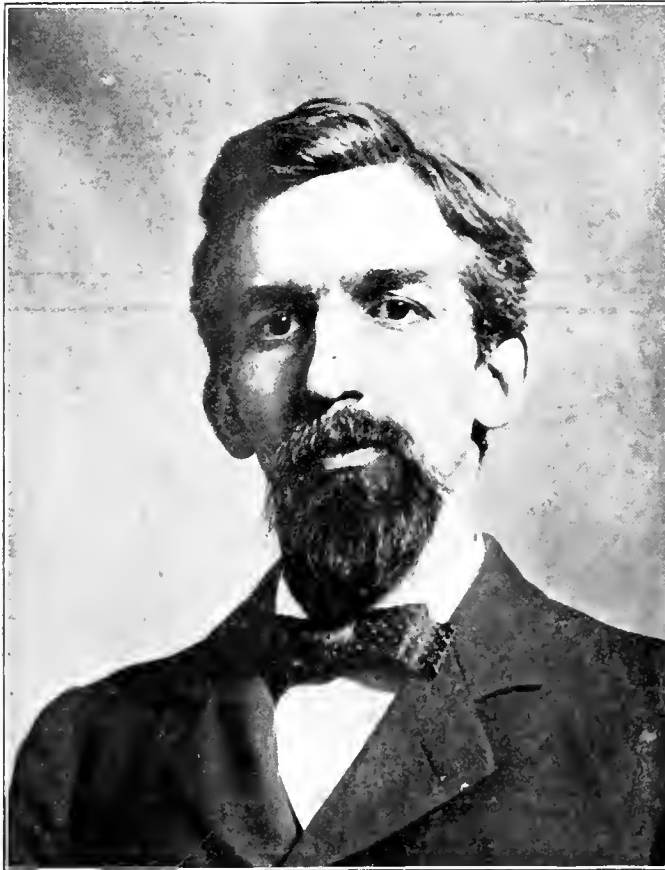
There is not much doing around town these days. Most of the boys are away on vacations; the last to go was Gus Bergmann, who has gone up to the Catskills with his family. John Hogan, at one time identified with the florists' business here, was drowned at Fire Island, July 21st. Hogan was a member of the Life-Saving crew and lost his life in a heroic endeavor to save the life of a bather. He was a good natured boy and all regret his tragic and untimely end.

The big Greek Moscopoulos, better known as "Royal," once a flower peddler, later politician and interpreter at the Barge Office, has been fired because he couldn't be a gentleman.

Bowling Monday, July 24th, ran as follows:

	1.	2.	3.	4.
Roehrs	170	173	147	180
O'Mara	152	160	152	154
Atkins	119	132	140	112
Traendly	136	151	146	145
Schenck	164	143	153	139
Stewart			81	139
Donlan			105	103

IVERA.



The late E. H. Hunt.

OBITUARY.

E. H. Hunt.

Elisha Hubbard Hunt, the well known wholesale florist of Chicago, died last Tuesday morning, July 25, at his residence in Park Ridge, Ill., aged 41 years. Mr. Hunt had been suffering from lung trouble for the past two years, and since last November had been in New Mexico and Colorado, where it was hoped the climate would prove beneficial. He appeared to be progressing favorably and hopes were entertained of his restoration to health, but of late he failed rapidly and death came to him Tuesday morning at his home in Park Ridge, to which he had returned from Denver only last Friday.

Mr. Hunt was born in Loda, Ill., Jan. 5, 1858, but when he was very young his parents returned to the old home in Sunderland, Mass. Here he was educated, finishing with a course at the Massachusetts Agricultural College at Amherst, and in 1877 he came to Chicago to take a position with the late Myron A. Hunt. Later he was in the employ of J. C. Vaughan and in 1889 purchased the wholesale cut flower department of the latter's business, thus coming into possession of the oldest established wholesale

cut flower commission business in the west. Afterward he added seeds and a full line of florists' supplies and succeeded in building up a large business.

Mr. Hunt was a man of the strictest integrity, whose word was always as good as his bond, and his business methods won for him the respect and good will of all. His reputation as a man of honor in all his relations was of the highest. He made friendships less readily than some, though always genial and ever gentlemanly, but was exceedingly loyal to his friends when once admitted to that relationship. Of a somewhat retiring disposition he found more enjoyment at his fireside than in more public places and was not so frequently seen in trade gatherings as those who knew him best would wish, but in any movement for the general good his support, both moral and financial, could always be depended upon.

A good man has gone in his early prime. We have lost one who could not well be spared, for the world was better for his having lived. By his wish his mortal remains were taken to the old Massachusetts home, and he will sleep beside his fathers. May he rest well.

The business that he had built up will by his wish be continued by Mrs.

Hunt upon the lines marked out by him in the past, the full staff of employees being retained. And his death will have no noticeable effect in this direction, as during his long illness the management of the business had devolved almost entirely upon his staff, headed by his step-son, Mr. Chas. Dickinson.

ST. LOUIS.

The Picnic.

The event of the season among the craft and their friends came off at Priesters Park, near Belleville, Ill., on Thursday, July 20, it being the sixth annual picnic of the St. Louis Florists' Club. Two special cars which were in waiting at the east end of the big bridge started at 10 a. m. and about 100 florists, with their wives, children and sweethearts, were on board, and the afternoon cars brought about as many more.

The committee of arrangements, consisting of J. W. Kunz, Julius Koenig, Jr., and F. W. Ude, Jr., had everything in readiness for a good time. The jubilee singers and cake walkers, who have always been one of the features of the picnic, were again with us and gave us delightful music for the dancing, which was participated in by the younger ones. After dinner the first event was a 100-yard dash for young men not over 19, which was won by young Halstedt, son of Dr. Halstedt, of Belleville; a fine knife was the prize. Bud Kunz had all the best of it in the 50-yard run for boys; the prize was a League ball. Miss L. Weber won the 50-yard run for young ladies; the prize a beautiful fan. Miss Juengel also won a fan by winning the 50-yard dash for girls. Mrs. Horn won a silk umbrella for being the best runner in the fat ladies' race; weight not given. Ladies' race, any class, fat, lean, tall, or short, was won by Mrs. Kraft; the prize a set of gold buttons. Fred Ammann had everything his own way in the fat man's race, a fine walking cane being the prize. The last event on the program was the most exciting, it being the tug of war. The teams were selected by John Kunz and J. J. Beneke, they being captains. On Kunz's team were Robert Beyer, J. Koenig, Charles Juengel, E. W. Guy and Dr. Halstedt. Beneke's team was composed of all heavy weights: Max Herzog, C. A. Kuehn, C. C. Sanders, F. H. Weber and F. J. Fillmore. Carew, Sanders and F. C. Weber acted as referees. After a hard pull, to the great surprise of all Kunz's team won. The prize was a box of cigars, which the winning team generously divided with the losers. The rest of the day was spent dancing, boating, shooting, and bowling. At 9 p. m. the cars were in waiting and everybody went home with a smile, and not one could be found who did not have a good time.

The Market.

Trade conditions are still unchanged. First-class stock still sells, especially

Brides and Beauties. Maids are also in demand. Trade, of course, is quiet. Good roses bring from \$2 to \$4 and some very fair stock is coming in; most of it short stemmed, being cut from young stock. Carnations are mostly field grown and vary in price from 50 cents to \$1; sweet peas are still very plentiful, 25 cents per 100 for the best, which are the only ones that sell; tuberose stalks are more plentiful, price \$5 per 100 for Armstrong's everblooming; others sell cheaper; gladiolus from \$2 to \$5, but do not sell well, and a great many of them are coming in; asters are fine, especially white; the large ones bring \$1.50; others \$1 per 100; smilax remains the same as last week.

Various Notes.

George Angermuller, bookkeeper for C. A. Kuehn, is off on a vacation for two weeks.

Fred Ammann, of Edwardsville, is going to Detroit with the boys, so look out for him in the fat man's race.

I see by the last issue of The Review that our friend J. Austin Shaw has been in the convention city, and in his bowling notes I read that the Detroit boys in figuring out the bowling contest place St. Louis among the "also ran." I think after the smoke of the battle is cleared they will find the teams line up thus: St. Louis, first; Buffalo, second; Philadelphia, third, with Chicago, Omaha and New York close up. Keep this in mind, boys, and see if I am not right.

Bowling.

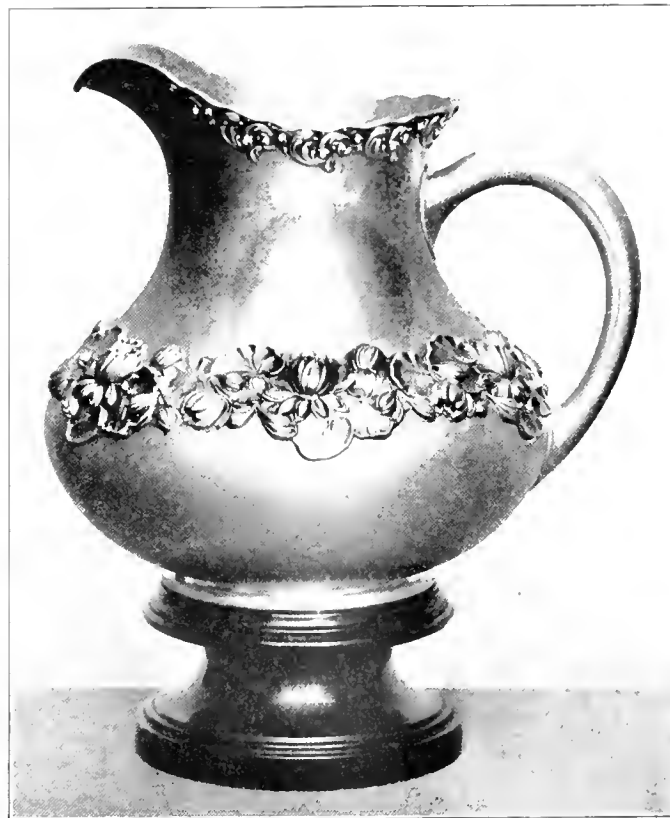
The members of the Florists' Bowling Club rolled four games on Monday night and ten members put in their appearance. Henry Berning, our new member, rolled for the first time. The scores below will show a little improvement, perhaps enough to keep us out of the "also ran" class.

	1.	2.	3.	4.	Tot.	Av.
J. J. Beneke.....	175	191	137	163	666	166
C. A. Kuehn.....	183	142	163	163	651	163
C. C. Sanders.....	146	173	159	131	612	153
John Young.....	113	112	214	439	146	
J. W. Kunz.....	155	128	121	163	567	142
E. W. Guy.....	146	135	129	469	136	
Emil Schray.....	121	153	130	404	125	
F. C. Weber.....	111	126	127	132	506	126
F. H. Weber.....	106	128	109	363	121	
H. G. Berning.....	80	88	104	93	365	91
						J. J. B.

TROPHY FOR THE CRACK SHOTS.

We present herewith an engraving of the beautiful trophy offered by the Lockland Lumber Co. to the best shots at the Detroit convention of the S. A. F. It is a solid silver pitcher with ebony base, standing about thirteen inches high and is eight inches wide over all. Following are the conditions governing the contest:

Each team is to consist of six members, one of whom shall serve as captain.
 Every member of each team to be a member in good standing of S. A. F. and, if not a florist, be engaged in some line of business that is related to the florist business.
 All members of teams must be amateur shooters—professional shooters barred.
 The first contest will be at Detroit, Mich., in August, 1899, during the convention, and subsequent contests at subsequent conventions until the same club shall win the trophy twice, when it shall become their property.



The Lockland Lumber Co.'s Trophy for the Gun Clubs at Detroit.

The captains of teams winning the trophy but once to deliver it in good condition at next convention, or see that it is so delivered.

Members of teams need not all be from the same city, but two men from one place, or two members of any local florists' club, may associate with themselves four others from another place, or other places, and thus form a team.

On every team that contests for the trophy after having once won it there must be at least two members of the original team, one of whom to act as captain.
 Each man to shoot at at least twenty-five targets.

Contests to be according to the revised rules of the American Shooting Association, if no other rules are made by the majority of the captains of the different teams.

CHICAGO.

The Market.

There is practically no change from last week in the trade conditions and nothing new can be said. We are in the midst of the midsummer dullness and it is very apparent when one visits the wholesalers. We hear good reports of the condition of roses and there is nothing to be desired in this direction.

Various Items.

The death of E. H. Hunt last Tuesday morning was a severe shock to his many friends in the trade.

Arrangements for the trip to Detroit have been completed and full details will be found elsewhere in this issue.

Mr. L. Becker, Rogers Park, has added four new houses, each 25 feet 8 inches wide and 155 feet long, all for carnations. Mr. Winandy was the builder and is entitled to credit for the excellence of his work. The heating is by the low water system, there being many flows and but two returns. This system makes it possible to heat up quick when necessary. Mr. Becker now has 12 houses, all devoted to carnations, and has 2½ acres of plants for housing, all in splendid condition.

Henry Roman, who was suspected of plotting to murder his employer, John Schoepfle, the florist, and take possession of his property on a forged bill of sale, has been found guilty of forgery and sentenced to the penitentiary.

Recent visitors: Peter Lundblad, with E. Nagel & Co., Minneapolis; C. C. Pollworth, Milwaukee; J. A. Evans, Richmond, Ind.; Elmer Law, of Law Bros. & Day, Butte, Mont.

Mr. Joseph Reeve, who has been with Mr. A. McAdams for some years, has taken a position with Mr. J. C. Murray, Peoria, Ill., as manager of his rose and plant growing houses, and will leave for Peoria Aug. 1.

Club Outing.

The Florists' Club was favored with a very pleasant day for its second

outing, a trip to Heim Bros', at Blue Island, yesterday (Wednesday). A party of about a hundred gathered at the pleasant grounds of the hosts of the occasion and enjoyed themselves most thoroughly. A splendid lunch was served the visitors and the hospitality of the Heim boys was unbounded.

There were games of all sorts. Foot races were run by children, by unmarried ladies, married ladies, young men, old men, and there was a gorgeous race by the fat men. There was also a hot ball game by two teams, captained by Ed. Winterson and Phil. Hauswirth, Mr. Winterson's team winning by a score of 16 to 7.

Bowling.

The bowlers had some practice games at Anson's new alleys last Friday evening and rolled up some very respectable scores, which follow:

	1st.	2d.	3d.	4th.	5th.	6th.	Avg.
F. Stollery ..	151	210	135	189	153	143	163
E. Winterson ..	137	148	150	167	162	183	158
G. Stollery ..	189	136	115	166	129	169	150
Geo. Asmus ..	130	192	158	146	107	...	140
P. Hauswirth ..	137	141	...	...	...	...	139
J. S. Wilson ..	120	124	157	134	99	141	129
W. Kreiting ..	126	129	109	117	158	124	127
G. Lange ..	97	129	136	125	84	...	114
M. Barker ..	110	105	111	...	...	...	108

The last set of the series of handicap prize games will be played next Friday evening.

MILWAUKEE.

The following scores were made by the Milwaukee Florists' Bowling Club at the regular meet Friday:

	1.	2.	3.	4.
C. C. Pollworth.....	179	137	175	168
Wm. Edlfsen ..	132	99	106	156
John Evans ..	71	82	108	107
O. Sylvester ..	139	76	134	117
W. A. Kennedy.....	83	81	72	77
J. A. Mathewson.....	131	120	150	156
N. Zweifel ..	95	113	120	121
Fred Holton ..	154	79	106	110
Alex. Klokner ..	129	83	92	113

GEO. W.

ESTABLISHED 1802

THORBURN'S SEEDS

WHOLESALE PRICE LIST OF

Bulbs and Florists' Flower Seeds
 [Now ready and mailed on application.]

J.M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention the Review when you write.

Forcing Roses!

This is not Surplus Stock.

It has been grown specially for Winter Blooming, and will give satisfaction to the most critical buyers.

	Per 100.		Per 100.	
	2½-in.	3-in.	2½-in.	3-in.
PERLE	\$3.00	\$5.00	BRIDE	\$3.00 \$5.00
BRIDESMAID	3.00	5.00	GOLDEN GATE ..	3.00 5.00
WOOTTON	3.00	5.00	WHITE BOUGERE	3.00 5.00
NIPHETOS	3.00	5.00	METEOR.....	3.00 5.00

MRS. GARRETT (new), 2½-in., \$10.00; 3-in., \$15.00 per 100.

All in fine growing condition ready for immediate planting. Terms: **Cash with order.**

Address.... **H. W. BUCKBEE, ROCKFORD, ILL.**
FOREST CITY GREENHOUSES.

GREEN-HOUSE CONSTRUCTION.

This has been a specialty with us for many years and to us is due the credit for many of the great improvements that have been made in the construction of wooden green-houses. To those that buy our

Clear Cypress Building Material

we furnish, free of cost, complete detail drawings from which any intelligent workman can put up the material correctly. We have plenty of time to write letters ABOUT OUR BUSINESS, and we will be glad to hear from those contemplating building.

LOCKLAND LUMBER Co.

LOCKLAND, OHIO.

Write for Circulars or Estimates.

M. RICE & CO.

NEW ILLUSTRATED CATALOGUE FOR THE ASKING.

Exclusive Importers and Manufacturers of

Florists' Supplies

918 Filbert Street,

PHILADELPHIA, PA.

ATTENTION FLORISTS.....

The Clover Leaf Route will make a very low rate from St. Louis to Detroit and return, August 12th, 13th and 14th, for those attending the meeting of the Society of American Florists.

For further particulars call on or write

J. E. DAVENPORT,
 Dist. Pass. Agt.,
 505 Olive St., St. Louis.

PEACOCK'S New Dahlias

For 1899 - Best New Varieties. - Best Old Varieties.

Send for our New Illustrated Trade List before ordering elsewhere.

Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequalled record.

Best New and Standard Carnations— Beautifully illustrated and accurately described in our Trade List. Send for copy.

Surplus Stock of Mixed Dahlias— At right price. Also Dahlias under color. Correspondence Solicited.

W. P. PEACOCK, - Atco, N. J.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Active young man who has had two or three years' experience in commercial greenhouses, 65 Wendell Street, Battle Creek, Mich.

SITUATION WANTED—By an up-to-date, all round florist; long experience and best of references; strictly temperate. D. Honaker, Knoxville, Tenn.

WANTED—A small second-hand boiler for a 100x16 house; also 300 feet 4-inch pipe. Address J. C., care Florists' Review.

WANTED—A good A1 florist to take charge; \$20.00 per month, board and room; will pay more if he proves himself steady; steady place; give reference and experience. C. Humfeld, Clay Center, Kan.

FOR SALE—A bargain, if taken at once. \$150.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

FOR SALE OR RENT—Four greenhouses and dwelling; good retail stand. A. Claus, Springfield, Ill.

SITUATION WANTED—By young man, age 24, in retail or wholesale florist store; 5 years' experience in greenhouse and store; speaks German and English; best of references. Address A. B., 156 Gratiot Ave., Detroit, Mich.

WANTED—Gardener and florist, Sept. 15, 1899; man now filling the place leaves me to go on his own farm, after having been in my employ over ten years; required to care for cow and horse, as well as garden and small greenhouse; must be sober, steady and able to meet well the requirements; wages \$25.00 per month with board and room; situation permanent for the proper party. Address G. E. Dilley, Palestine, Texas.

Sago Palms.

We have a very fine lot of this popular Palm in all sizes from \$4.00 up to large plants. All well grown, perfect plants.

Can be sent by freight safely anywhere where they will get through inside of six days. Will send one dozen assorted sizes up to the best for \$10.00; half doz., \$5.50. This is a money maker for Summer and Fall sales.

LATANIA BORBONICA.

Nice stock, 2 1/2-inch pots, ready to shift into 3-inch pots, \$5.00 per 100; 3-inch, ready for 4-inch, \$7.50 per 100; 4-inch, ready for 5 or 6-inch, showing 2 to 3 character leaves, \$15.00 per 100. Will make very fine stock for Fall sales.

Cash with order, please. Satisfaction guaranteed.

CRITCHELL'S, 110 East 4th St., CINCINNATI, O.

B. P. CRITCHELL, Manager.

PANSY SEED, The Famous DIAMOND STRAIN.

The best strain in the world of the German type of Pansy; largest in size and greatest variety of rich and odd colors. A trial will prove it. I have received hundreds of testimonials from florists who use this strain, of which the following are samples:

From S. T. MAYNARD, Professor of Horticulture at the Mass. Agricultural College and Director of the Horticultural Department of the Hatch Experiment Station, Amherst, Mass.—"It gives me pleasure to say that your Pansy seed, Diamond strain, is the finest we have ever grown."

From HARVEY BROS., Salmon Falls, N. H.—"Please send us the price of your Diamond strain Pansy seed by the ounce. The plants we bought from you last fall were very fine, the fanciest colors we ever saw. All our patrons said they were the best they had ever seen."

Price, all colors mixed, \$5.50 per oz.; \$3.00 per 1/2 oz.; \$1.75 per 1/4 oz.; \$1.00 per 1/8 oz. Cash with order.

L. W. GOODELL, Pansy Park, Dwight, Mass.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.



51 Wabash Avenue,

W. S. HEFFRON, Mgr.

CHICAGO.

PRICE LIST--Taking Effect July 27.

ROSES.

Beauties, long, per doz.....	\$2.50—\$3.00
" medium, "	1.50—2.00
" short, " .....	.75—1.25
	Per 100
Meteors, Maids, Brides, Kaiserins.....	\$3.00—\$4.00
Perles.....	3.00—4.00
Roses, seconds.....	2.00

CARNATIONS

ARE OUR SPECIALTY.

Ordinary Varieties.....	Per 100 \$1.00—\$1.50
-------------------------	-----------------------

Miscellaneous.

Marguerites	Per 100, \$.50
Sweet Peas.....	" .15
Valley	" 5.00

Store open from 7:00 A. M., until 5:00 P. M. Sundays and Holidays closed at noon.

During July and August we close at 5:00 P. M.

Mention the Review when you write.

Decorative.

ASPARAGUS.	
Per string.....	\$.50
FERNS.	
Per 100, 15c	per 1000, 1.00
Maiden Hair.....	per 100, 1.00
IVY.	
English	per 100, 20 cents; per 1000, \$1.50
SMILAX.	
Common.....	per doz., \$1.25

ALL OTHER FLOWERS IN SEASON.

Above quotations are subject to change without notice. P. and D. at cost.

Extra select and inferior qualities charged for according to value.

Regardless of prices quoted all stock will be billed at lowest market rates.

PRIMROSE AND PANSY SEED.

CHINESE PRIMROSE. The finest large flowering fringed varieties grown. Not at all like the cheap imported seed. Special pkt. of thirteen (13) varieties, single and double, mixed, 400 seeds, \$1.00; half pkt., 50c.

GIANT PANSY. The best large flowering varieties to be had. No finer offered; larger selected. Per pkt., 3,500 seeds, \$1.00; half pkt., 50c. A pkt. of the new Forget-Me-Not "Jewel" added to every order. Strictly cash prices.

The Home of Primroses. JOHN F. RUPE, SHIREMANSTOWN, PA.

Mention The Review when you write.

1899 CONTRACTS 1899

Now I am open to quote prices on all Bulbs, Plants and Roots for next season. Send in your list of wants for quotations.

F. W. O. SCHMITZ, JERSEY CITY, N. J.

Mention The Review when you write.

DREER'S PRIZE STRAINS OF.... Cineraria, Cyclamen, Primula, Etc.

ARE THE STANDARD OF EXCELLENCE throughout the United States, and are yearly grown by the largest florists with the most satisfactory results.

CINERARIA.

Dreer's Prize Dwarf	1/2 trade pkt.	tr. pkt.
" " Tall	.....	.....
" " Choice Dwarf	.....	.....
" " Tall	.....	.....
" " Double	.....	.....

CALCEOLARIA.

Hybrida grandiflora, self colors	.....	.....
" " Tigrida	.....	.....

CYCLAMEN.

Persicum, an extra choice stock, trade pkts.	30 cts.
oz.	\$1.25.
Persicum giganteum, white	100 seeds. 1000 seeds
" " white, dark eye	.....
" " rose	.....
" " blood-red	.....
" " choicest mixed	.....

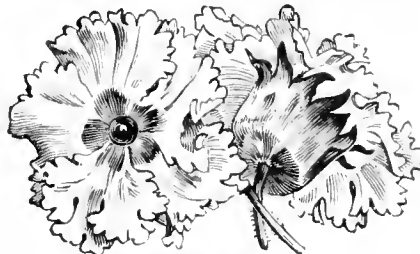
DAISY. (Bellis perennis.)

Double White	trade pkt.	oz.
Snowball, extra fine	.....	.....
Longfellow, rose	.....	.....
Maxima, red	.....	.....
Double Choicest Mixed	.....	.....

MYOSOTIS.

(Forget-Me-Not.)

Alpestris Victoria, blue	.....	.....
" " Eliza Funruebert, blue	.....	.....
Palustris	.....	.....
" " semipriferens	.....	.....



MIGNONETTE.

Maebel, extra select stock	trade pkt.	oz.
Dehance, very large spikes	.....	.....

PANSY.

Royal Exhibition, the finest mixture imported	.....	.....
Premiam, a grand mixture of good colors	.....	.....
Giant Trimardeau, mixture of very large flowers	.....	.....
Very Fine Mixed, excellent	.....	.....

PRIMULAS.

DREER'S Prize Mixed, Fringed. This can be depended upon to give a large variety of colors of the largest size	1/2 trade pkt.	tr. pkt.
Alba, white	.....	.....
Alba Magnifica, the finest white	.....	.....
Chilwick Red, bright scarlet	.....	.....
Holhorn Blue, unique color	.....	.....
Kermesina splendens, deep crimson	.....	.....
Punctata, crimson, spotted white	.....	.....
Rosy Morn, soft rosy pink	.....	.....
Rubra, deep red	.....	.....
Fern Leaved, mixed	.....	.....
Double White	.....	.....
Double Mixed	.....	.....

NOTE. — Our Trade Packets of Primulas contain from 500 to 1,000 seeds each, according to variety.

Our Wholesale Catalogue for July has been mailed to all Florists, if you did not receive a copy please notify us and we will mail you another. It contains a complete list of PALMS, FERNS and other DECORATIVE STOCK, BULBS, FLOWER and VEGETABLE SEEDS, etc.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

ZIRNGIEBEL GIANT PANSIES.

Market and fancy strains. Unequaled as yet for size and brilliancy of colors, and the most popular strains to date. New colors added every season. **NEW CROP SEED READY NOW.** Trade Packages of either strain at One Dollar each.

Full directions with every package how to sow and cultivate.

DENYS ZIRNGIEBEL, NEEDHAM, Mass.

Mention The Review when you write.

Pansies WORTH RAISING....

Excellent Seed, 3-16-oz. \$1.00; 1-oz. \$4.00. Cash with order.

G. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.

Mention the Review when you write.

SEND IN YOUR ORDER NOW

for a copy of the

FLORISTS' MANUAL.

PANSIES

The Jennings Strain of finest American Grown Pansies are considered by many florists to be the leading strain to date. All large flowering and of the most brilliant colors, and are sure to give satisfaction. Finest mixed seed. \$1 pkt. \$3 per 1/2 oz. \$5 per oz. Finest white, yellow, black and blue, 50c pkt. of 1500 seeds. Cash with order.

E. B. JENNINGS, Southport, Conn. Lock Box 254. Grower of the Finest Pansies.

Mention the Review when you write

Special Low Offer

Latania Borbonica, 6-inch pots, \$7.50 per dozen. CASH.

JOHN WELSH YOUNG, - Germantown, Pa.

Mention The Review when you write.

FERNS! FERNS!

Nice Young Thrifty Stock. Ad. Cuneatum, \$1.00 and \$5.00 per 100. Will exchange for seedling Pandanus Utilis and Areca Lutescens Palms.

TITUS BERST, - - - Erie, Pa.

Always Mention the....

Florists' Review

When Writing Advertisers

ASPARAGUS PLUMOSA NANA,

2 1/2-inch pots, \$3.00 per 100.

ASPARAGUS SPRENGERII, 2-in. pots, \$5.00 per 100.

CYCLAMEN, 4 distinct varieties, Sept. sown and in excellent condition, 2 1/2-in. pots, \$5.00 per 100.

PRIMULA OBCONICA. Extra strong, ready for 5-inch pots, \$6.00 per 100.

ROSES. The Bride and Mermet, extra strong, 3 1/2-inch pots, \$6.00 per 100.

SMILAX, from 2 1/2-inch pots, extra strong Winter sown, ready to run as soon as planted, \$2.50 per 100.

NATHAN SMITH & SON, Adrian, Mich.

The Annual Meeting of the Members of the Florists' Hail Association

will be held at Harmonie Hall, Detroit, Mich., on August 15th, 1899, at 2:30 P. M., for the purpose of electing two Directors and transacting necessary business.

JOHN G. ESLER, Sec'y.

Cabbage, Celery and Tomato Plants.

Field Grown. 15c per 100, \$1.00 per 1000; if by mail add 10c per 1.0.

Chrysanthemums in good var., from 2 1/2-in. pots, \$2.00 per 100. Cash with order.

R. VINCENT, JR. & SON, White Marsh, Md.

Mention The Review when you write.

E. H. HUNT
 THE "OLD RELIABLE" FOR
**Wholesale
 Cut Flowers**
 Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
 Mention the Review when you write.

CINCINNATI.

The Market.

Not much can be said regarding business now, as the usual summer dullness prevails, though trade is as good, if not better, than usual for this season. We all would do more if good stock could be obtained; but few of our growers make any effort to produce summer blooming stock, with the exception of outdoor white, of which there is always an abundance.

The Outing.

The annual outing (Jones' picnic) took place at Coney Island, Thursday, July 20. As usual, there was a large attendance, and everybody had a good time. In the ball game the store boys were badly defeated by the growers. Only six innings were played and the result was a free coinage score of 16 to 1 in favor of the greenhouse boys. The five-mile bicycle road race was won by J. T. Crane, time 15 minutes. The howling contest was the most interesting feature of the day. The winning team scored 718 points. Liberal prizes were awarded to the winners in the above games.

Notes.

The next regular meeting of the society will be held on Thursday, August 10, at the residence and greenhouses of Mr. Wm. Murphy.

Messrs. George & Allan will erect a new house this fall especially adapted for forcing Harrisii lilies.

Fred Gear has a special palm sale with a big sign over the window stating that he gives the earth with each plant.

W. A. Mann and wife are spending their vacation at Louisville.

D. Rusconi, the bulb man, will occupy new quarters at Fourth and Walnut streets on or about August 1.

J. A. Peterson is busy watching his new dwelling house go up and will miss the convention this year. B.

STAMFORD, CONN.—Geo. L. Waterbury reports the past season a very good one. He contemplates making extensive alterations in some of his houses.

REINBERG BROS.
 Wholesale Growers of
Cut Flowers
 We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine
AMERICAN BEAUTIES.
51 Wabash Ave., CHICAGO
 We now close at 5:30 p. m. Sundays and Holidays at noon.
 Mention The Review when you write.

800,000 FEET OF GLASS.
 No charge for packing.

Wholesale Price List.

AMERICAN BEAUTY	
24-inch stem	per doz. \$2.50
20 " " " " " " " "	" " 2.00
15 " " " " " " " "	" " 1.50
12 " " " " " " " "	" " 1.25
8 " " " " " " " "	" " 1.00
METEOR per 100, 3.00 to 4.00	
BEIDESMAID " 3.00 to 4.00	
BRIDE " 3.00 to 4.00	
PERLE " 2.00 to 3.00	
CARNATIONS " 1.00 to 1.50	

Quotations subject to change without notice. All other stock at lowest market prices.

Bassett & Washburn
 Wholesale Growers of and Dealers in **CUT FLOWERS**
 76 Wabash Ave., CHICAGO, ILL.
 Greenhouses at Hinsdale, Ill.
 Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
 Wholesale Florist
 Wholesale Growers of and Dealers in **CUT FLOWERS**
 76 Wabash Ave., CHICAGO, ILL.
 Greenhouses at Hinsdale, Ill.
 Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
 Mention The Review when you write.

W. E. LYNCH
 Wholesale Florist,
 19-21 E. Randolph St. CHICAGO.
 Mention The Review when you write.

H. Berning
 WHOLESALE FLORIST,
 1322 Pine Street, ST. LOUIS, MO.
 Mention the Review when you write.

A. L. RANDALL
 Telephone 1496 Wholesale Florist
 4 Washington St., Chicago.
 In our new and enlarged quarters we are better prepared than ever to handle your orders.
 Mention the Review when you write.

ELLISON & TESSON,
 WHOLESALE SHIPPING
FLORISTS
 3134 Olive Street, ST. LOUIS, MO.
 ...Home Grown Stock...
 Mention the Review when you write.

BENTHEY & CO.
 F. F. BENTHEY, Mgr.
 WHOLESALE AND COMMISSION Florists. Consignments Solicited.
 41 Randolph St., CHICAGO.
 Mention the Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
 Growers of **CUT FLOWERS** at Wholesale.
 Regular shipping orders given special attention. We have the largest plant west of Chicago.
 Store: 906 Grand Ave., KANSAS CITY, MO.
 Greenhouses; Pleasant Hill, Mo.
 Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
 37-39 Randolph St., CHICAGO, ILL.
 Mention The Review when you write.

Cincinnati Cut Flower Co.
 W. A. MANN, FRANK W. BALL.
 416 Walnut St. CINCINNATI, O. Wholesale Florists
 Consignments Solicited. Special Attention Given to Shipping Orders.
 Mention The Review when you write.

IF WE HAVE NOT GOT IT
YOU MAY BE SURE IT IS NOT TO BE HAD.

KENNICOTT BROS. CO.

CHICAGO.

42 AND 44 RANDOLPH STREET.

Fine Strong Plants FOR STOCK

Geranium Mme. Jaulin, 3-in., \$8.00 per 100. The Peach Pink Bruant.

Mme. de la Roux, — All sold.

Abutilon Savitzii, 3-in., \$5.00 per 100. A grand bedding plant, grows dwarf and bushy—capital plant to use with Crotons.

Russelias Multiflora and Elegantissima,

2½-in., \$2.50 per doz. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy.

Browalia Gigantea, all sold.

Acalypha Sanderii, all sold.

READY NOW.

THE COTTAGE GARDENS, Queens, N.Y.

Mention The Review when you write.

WIRE Rose Stakes,

Straight or Looped and Pointed.

ALSO

THE MODEL EXTENSION CARNATION SUPPORT.

Lancaster, Pa., June 17, 1899.
Mr. Theron Parker.

Dear Sir: Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other specialties are as good they should make another addition to the money-makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on application to

The Model Plant Stake Co.

226 No. Ninth Street,
BROOKLYN. N. Y.

Mention the Review when you write.

Always Mention the...

Florists' Review

When Writing Advertisers.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES:

We have the
LARGEST WHOLESALE
House in Chicago.

Orchids, High-Grade Roses,
Carnations and Violets.

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

WESTERN HEADQUARTERS FOR.....

FLORISTS' SUPPLIES,

PALMS, FERNS,

WIRE WORK, CUT FLOWERS, ETC.

Use MASTICA for Building and Repairing your Greenhouses.

Write for samples and prices of our

Improved Folding Cut Flower Box.

ELLIS & POLLWORTH, - MILWAUKEE, WIS.

Mention The Review when you write

We are now gathering our new

Sphagnum Moss

for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.

Z. K. JEWETT & CO., - SPARTA, WIS.

GOLD FISH and AQUARIUM SUPPLIES.

Send for
Price List.

KEENAN'S
SEED
STORE.

6112 and 6114
Wentworth Avenue,
CHICAGO

CARNATION Cuttings ALL SOLD.

Field-grown Stock for Fall Delivery.

F. DORNER & SONS CO., La Fayette, Ind.

Mention The Review when you write.

Rooted Cuttings of Carnations ALL SOLD.

We are booking orders for
Field Grown Plants.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention the Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii. A grand bedding plant. Grows dwarf and bushy. Capital plant to use with crotons 2 1/2-in., \$5.00 per 100.
The Cottage Gardens, Queens, N. Y.

4 varieties, 2 1/2-in., doz., 75 cents; 100, \$6.00.
Seawanhaka Greenhouses, Oyster Bay, N. Y.

ALTERNANTHERAS.

From frames, 25 cents a doz.; \$1.00 per 100.
Seawanhaka Greenhouses, Oyster Bay, N. Y.

2 1/2-inch pots, strong, \$2.00 per 100.
C. Otto Schwabe, Jenkintown, Pa.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 60 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$5.00 per 100. Asparagus Sprengeri, 2-inch, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$4.00 per 100.

Geo. Wittbold, 1708 N. Halsted St., Chicago.

Asparagus plumosus nanus, extra fine plants from 2-inch pots, \$4.00 per 100; \$35.00 per 1000. Cash with order.
B. Schroeter, 59 Miami Ave., Detroit, Mich.

Asparagus Sprengeri, 2-in., 24 for \$1.50, mailed; \$4 per 100, express. 3 1/2-in., 24 for \$2.50, mailed, \$7 per 100, express.
A. Blanc & Co., Philadelphia.

Asparagus plumosa nana, per 100, 2 1/2-in., \$6.00; Asparagus Sprengeri, 2-in., \$5.00.
N. Smith & Son, Adrian, Mich.

Sprengeri, 2 1/2-in., \$3.50 per 100. Cash.
J. G. Elsele, 20th & Ontario Sts., Phila. Pa.

Asparagus Sprengeri, 2 1/2-in., 50 cents doz.
C. Elsele, 11th & Jefferson Sts., Phila., Pa.

A. Sprengeri seed, 100, \$1.00; 500, \$4.00.
H. H. Berger & Co., 47 Barclay St., New York.

A. Sprengeri, 2 1/2-inch, \$4.00 per 100.
Jos. H. Cunningham, Delaware, O.

Plumosus and Sprengeri, 3 1/2-in., \$7.00 per 100.
Morris Floral Co., Morris, Ill.

AZALEAS.

Our Azaleas gave the best of satisfaction last season, and our stock will be equally as good and better this fall. Order early. These plants come packed 25, 50 and 100 in a case. Ready in October. Deutsche Perle, free-flowering, early, pure white, very double; Vervaeneana, very large rose, striped white, double; Doctor Moore, deep rose, shaded violet, semi-double; Sigismund Rucker, rose lilac, bordered white, single; Bernhard Andreas Alba, white, double; Empress of India, white, salmon rose and crimson intermingled, double; Mme. Camille Van Langenhove, white, striped crimson, double; Mme. Van der Cruysen, rose, semi-double; Simon Mardner, rose, double; Punctulata flore pleno, rose, orange color, very double; first size, 10 to 12 in. in diameter, per 100, \$40.00; select, 12 to 14 in. in diameter, per 100, \$50.00; extra, 14 to 16 in. in diameter, per 100, \$60.00. Second grade plants at less 10 per cent from above prices. We can supply specimen plants from \$1.00 each, upwards.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

BEGONIAS.

5000 Begonia Rex. Assorted, 2 1/2-inch, \$4.00 per 100; Named, \$6.00 per 100. Tuberosus rooted, 2 1/2-inch, \$5.00 per 100. Rooted cuttings: Rex, \$2.00 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D.

Greene & Underhill, Watertown, N. Y.

10 flowering varieties, mixed, \$2.00 per 100.
Morris Floral Co., Morris, Ill.

Very strong plants, from 2-inch pots, \$2.00 per 100; Argentea guttata, Vernon (red and white), Alba picta, Thurstonii, rubra, or mixed sorts. Cash please.
Edw. B. Jackson, Stamford, Conn.

Begonia Vernon, 2 1/2-in., doz., 50 cts; 100, \$3.50.
Seawanhaka Greenhouses, Oyster Bay, N. Y.

Begonia Rex, full assortment. Mixed, 3-inch, \$4.00 per 100. Geo. M. Emmans, Newton, N. J.

BOUVARDIAS.

Fine stock ready by August 1. Single and double in best varieties, 2-inch pots, \$3.00 per 100.
Nanz & Neuner, Louisville, Ky.

BULBS.

Freesias. White flowers and large bulbs are to be had from the stock quoted below. We always believe in selling this stock by samples and are ready to submit same for comparison as soon as stock arrives. Freesias are the earliest to come in store of the Fall bulbs. White flowered Bermuda: Mammoth, \$1.00 per 100; \$9.00 per 1000; Choice, 85 cents per 100; \$7.50 per 1000. French grown: Mammoth, \$2.00 per 100; \$15.00 per 1000; Choice, 85 cents per 100; \$7.50 per 1000; First quality, 75 cents per 100; \$6.50 per 1000. California grown (ready Aug. 1st): Choice, 85 cents per 100; \$7.50 per 1000; First quality, 60 cents per 100; \$5.00 per 1000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Freesias, large bulbs, white, yellow throat, 100, 65 cents; 1000, \$4.75. Pure white, 100, 50 cents; 1000, \$6.25. By mail or express free. Hyacinths, Roman, 12-13, 100, \$1.50; 1000, \$13.50; 13-15, 100, \$1.75; 1000, \$15.50. Lillium Harrisii, 5x7, 100, \$4.50; 7x9, 100, \$9.00; 9x11, 100, \$17.50.
H. H. Berger & Co., 47 Barclay St., New York.

Lillium Harrisii, St. David's Island, 5 to 7, per 100, \$4.75; per 1000, \$45.00; 7 to 9, per 100, \$9.50; per 1000, \$90.00. Wm. Elliott & Sons, 56 Dey St., New York.

Freesias. Extra large, \$6.00 per 1000; medium, \$3.00 per 1000. Cash with order.
L. J. Krummel, Cor. 52nd and 15th Ave., Brooklyn, N. Y.

Wholesale price list of bulbs now ready and mailed upon application. J. M. Thorburn & Co., 36 Cortlandt St., New York City.

Home grown lilies, about 50 kinds, also Trillium and other hardy bulbs and plants.
F. H. Horsford, Charlotte, Vt.

California grown bulbs. Send for our special trade list.
California Nursery Co., Niles, California.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Send in your list of wants for quotations.
F. W. O. Schmitz, Jersey City, N. J.

Dutch bulbs, French bulbs, Japan bulbs.
Eoblink & Atkins, Rutherford, N. J.

CANNAS.

Cannas, mixed, 3-inch pots, \$3.00 per 100. Send for sample. Cash with order.
Fred. Boerner, Cane May City, N. J.

CARNATIONS.

Best new and standard carnations, beautifully illustrated and accurately described in our trade list. Send for copy.
W. P. Peacock, Atco, N. J.

If you are going to be short on carnations this fall and want good stock, I have over 25,000 to select from. Send for estimates.
W. E. Hall, Clyde, Ohio.

Carnation Cuttings all sold. Field grown plants for fall delivery.
F. Dorner & Sons Co., Lafayette, Ind.

Field grown plants, ready August 15, extra fine this year. We can fill orders for any variety if we get them soon enough.
H. F. Littlefield, Worcester, Mass.

Rooted Cuttings all sold. We are booking orders for field grown plants.
Geo. Hancock & Son, Grand Haven, Mich.

Wm. Murphy, Wholesale Carnation Grower, Sta. P., Cincinnati, O.

CHRYSANTHEMUMS.

We still have the following varieties in stock. Speak quick if you want them. New Varieties of 1899. Robt. Halliday, midseason yellow. Harry A. Parr, early yellow. Lady Harriett, early pink. Willow Brook, early white. John K. Shaw, early pink. Adele, early pink. Extra fine plants of the above six varieties in quantity at \$10.00 per 100, 12 plants any varieties \$1.50. Other new varieties of 1899. Phenomenal, Mrs. T. L. Park, Adula, Mayouneen, Silver Wedding, Mrs. F. A. Constable, Melle L. Faure, Mrs. N. Molyneux, October Sunshine, Zoradia, White Flyer, Independence, Admiral Dewey, Carrie Bell, Mme. Perlat, Mrs. Seuberger, 12 plants, any variety for \$2.00. Novelties of 1898. Snow Queen, Autumn Glory, H. W. Longfellow, Pennsylvania, Solar Queen, Wm. H. Chadwick. Above six varieties \$5.00 per 100. Merry Xmas, latest of all whites, \$6.00 per 100. Standard Varieties: Harry Nanz, Wm. Simpson, Viviani-Morel, M. de Montemor, Golden Wedding, Mrs. Perrin, Good Gracious, Wm. H. Lincoln, Mayflower, John Shrimpton, Modesto, Glory of the Pacific, J. E. Lager, Merry Monarch, Marion Henderson, Madam Carnot, Sunstone. The above at \$3.00 per 100. 5 plants at 100 rates. We add extras enough to cover the express charges.
H. Weber & Sons, Oakland, Md.

Dolores, Frank Hardy, L. H. Spaulding, Yellow Fellow, Philadelphia, from 2 1/4-inch pots, \$6.00 per 100.

Cullingfordi, Gladys Spaulding, Helen Bloodgood, Harry May, J. E. Lager, J. H. Troy, Laredo, Miss G. Pitcher, Marion Henderson, Major Bonaffon, Mrs. S. Humphreys, Mrs. McK. Twombly, Marguerite Graham, Mrs. J. G. Whildin, Mrs. H. Robinson, Niveus, Thos. H. Brown, W. H. Lincoln, from 2 1/4-inch pots, \$3.00 per 100; \$25.00 per 1000.

Ada Spaulding, Belle of Castlewood, Benj. M. Groud, Chito, Dorothy Toler, Dorothy Devens, Eureka, Golden Trophy, G. F. Atkinson, Golden Wedding, J. H. Woodford, Iora, Mme. Bergmann, Modesto, Minerva, Midge, Mrs. R. Douglas, Miss Helen Wright, Maud Adams, Mrs. S. T. Murdock, Miss M. M. Johnson, May Flower, Nemesis, Pitcher and Manda, Pink Ivory, Riverside, Rose Owen, T. B. Morse, Western King, 2 1/4-inch pots, \$4.00 per 100; \$30.00 per 1000.

Wood Bros., Fishkill, N. Y.

Surplus stock of Chrysanthemums, Daille-douze, Modesto, Mrs. Fred L. Button (early white), Mme. Andre, Harry Balsley, Mrs. Weeks, Frank Hardy, Glory of Pacific, Pink Ivory, Golden Wedding, Pennsylvania, Empress of India, Lady Fitzwygram, Major Bonaffon, Mrs. Henry Robinson, Jerome Jones, Yellow Jerome Jones, Mme. Bergmann, Merry Xmas and others. All the above in 2 and 3-inch pots and fine, 2 1/2 cents each, or \$20.00 per 1,000. Cash with order.
Joy & Son, Nashville, Tenn.

Pink Ivory, Ivory, Bergman, Mayflower, Jones, Bonaffon, Lincoln, Helen Bloodgood, Cullingfordi, Yellow Queen, Whildin, J. E. Lager, J. H. Troy. Prices on application.
Trowbridge & Holmes, Fishkill Village, N. Y.

In good variety, from 2 1/4-inch pots, \$2.00 per 100. Cash with order.
R. Vincent, Jr. & Son, White Marsh, Md.

CINERARIAS.

C. hybrida, mixed, 2 1/4-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS CONTINUED.

COLEUS.

Verschaffeltii, Golden Bedder, etc., 2 1/2-in., doz., 30 cents; 100, \$2.00.
Seawanhaka Greenhouses, Oyster Bay, N. Y.
Leading sorts, 2 1/2-in., \$3.00 per 100.
Wood Bros., Fishkill, N. Y.

CYCLAMEN.

4 distinct varieties, September sown and in excellent condition, 2 1/2-in., \$5.00 per 100.
N. Smith & Son, Adrian, Mich.

CYPERUS ALTERNIFOLIUS.

Trim sturdy seedlings; fill a 3-inch pot now. 150 mailed free, \$1.00; 1000 by express, \$5.00.
John H. Ley, Good Hope, D. C.

Fine stock, 2 1/2-in. strong, \$1.50 per 100; \$13 per 1000.
Furrow Bros., Guthrie, Okla.

2 1/2-inch, \$3.00 per 100. Wm. Schlatter & Son, 437 Bay St., Springfield, Mass.

DAHLIAS.

Peacock's new Dahlias for 1899. Best new varieties, best old varieties. Send for our new illustrated trade list before ordering elsewhere. Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequaled record. Surplus stock of mixed Dahlias at right price. Also Dahlias under color. Correspondence solicited.
W. P. Peacock, Atco, N. J.

DRACÆNAS.

D. indivisa, 3-in., \$3.00 per 100.
Wm. Schlatter & Son, 437 Bay St., Springfield, Mass.

FERNS.

	Doz.	Hun.
Adiantum cuneatum, 3-in. pots...	\$1.00	\$ 8.00
Adiantum cuneatum, 4-in. pots...	1.50	12.00
Adiantum capillus-ven. Leb., 2-in.	50	4.00
Cyrtomium falcatum, 3-inch.....	1.00	8.00
Cyrtomium falcatum, 5-inch.....	2.00	....
Blechnum orientale, 2-inch.....	50	4.00
Lomaria Gibba, 4-inch.....	1.50	12.00
Pteris serrulata, 2-inch.....	50	4.00
Pteris umbrosa, 4-inch.....	1.50	12.00
Nephrolepis exaltata, 4-in.....	1.50	12.00
Nephrolepis pectinata, 3-in.....	1.00	8.00
Nephrolepis pectinata, 4-in.....	1.50	12.00
Nephrolepis Philippiensis, 4-in.....	1.50	8.00

As we are continually being asked for Nephrolepis Bostonensis (Boston fern) would say that we have about 10,000 that will be ready for 5 and 6-inch pots this fall, and we will book orders for these at \$3.00 and \$5.00 per dozen, for delivery Aug. 1, but they are not yet ready for shipment.
Geo. Wittbold, 1708 N. Halsted St., Chicago.

Nephrolepis Washingtonensis, a magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house. Three good plants from 2-inch pots mailed for \$1.00; 100 good plants from 3-inch pots expressed for \$40.00; 100 extra fine plants from 4-inch pots, \$60.00.
John H. Ley, Good Hope, D. C.

Boston Ferns. N. Exaltata Bostonensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rate.
Wm. A. Bock, No. Cambridge, Mass.

Nice growing, thrifty stock. Adiantum cuneatum, \$4.00 and \$5.00 per 100. Will exchange for seedling Pandanus utilis and Areca lutescens palms.
Titus Berst, Erie, Pa.

Fern spores, fresh greenhouse collected. Alsophila australis or Australian tree fern. 1/2 trade pkt., 60c; trade pkt., \$1.00.
Floracraft Gardens, Morristown, N. J.

1,000,000 ferns in flats, assorted, ready for pots, \$2.00 per flat, containing 100 to 140 ferns.
Bobbink & Atkins, Rutherford, N. J.

Pteris tremula, Pteris serrulata, 2 1/4-in., \$3.00 per 100. In fine condition.
Wm. Schlatter & Son, 437 Bay St., Springfield, Mass.

Fern Balls, Japanese. Greatest money makers. Send for circular.
H. H. Berger & Co., 47 Barclay St., New York.

A fine assortment from 2 and 2 1/2-inch pots. Selaginella Emiliiana. Cash.
J. G. Eisele, 20th and Ontario Sts. Phila, Pa.

Pot and bench grown Boston ferns. Orders booked for fall delivery.
A. J. Baldwin, Newark, Ohio

FUCHSIAS.

10 varieties, mixed, 2 1/4-in., \$2.00 upper 100.
Morris Floral Co., Morris, Ill.

Double and single, 2 1/4-inch, \$3.00 per 100.
Wood Bros., Fishkill, N. Y.

GARDENIAS.

Gardenias in 2 1/2, 4, 5, 6 and 7-inch pots. My prices will surprise you. Ludwig Wild, Jackson and Bay View Aves., Jersey City, N. J.

GERANIUMS.

Sweet scented, Mrs. Pollock, Pansy, 2 1/4-inch, \$4.00 per 100; Mrs. Parker, 2 1/4-inch, \$6.00 per 100. Rooted cuttings: Assorted, \$1.50 per 100; mixed, \$1.25; Mrs. Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Silver Leaf, Rose scented, Ivy, \$1.50; Mrs. Parker, Freak of Nature, \$4.00; Mme. Sallerol, \$1.25. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

First-class assortment, from 2-in. pots, \$3.00 per 100; 3 1/2-in. pots, \$6.00 per 100; 4-in. pots, \$8.00 per 100. Geranium Mars, stock plants, \$3.00 per doz. John Reek, Bridgeport, Conn.

Bedding geraniums, 4-inch pots, \$6.00 per 100; 3-inch, \$4.00 per 100. First class stock.
Crabb & Hunter, Grand Rapids, Mich.

Mme. Jaullin, the peach pink Bruant, 3-inch, \$8.00 per 100.
The Cottage Gardens, Queens, N. Y.

4-inch, in full bloom, \$5.00 per 100.
C. Otto Schwabe, Jenkintown, Pa.

20 varieties, 2 1/4-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

HARDY PLANTS.

Hardy shrubs, trees, vines, evergreens and perennials. A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap. Trade list free on application.
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Evergreens. An immense stock of both large and small sized Evergreen Trees, in great variety. Also Evergreen Shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

Field grown Ampelopsis Veltchil and Clematis Paniculata in large quantities. Orders booked now for fall.
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Rare collected seeds of American Woody and Herbaceous plants. Ask for list and discounts. Pinehurst Nurseries, Otto Katzenstein, Mgr., Pinehurst, N. C.

Azalea Amoena, Hardy shrubs and trees in great variety. Send for price list.
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Hydrangea from 4-inch pots, in bloom, \$1.25 per dozen; \$8.00 per 100.
Fred Boerner, Cape May City, N. J.

Hydrangeas, mixed, 2 1/4-in., \$3.00 per 100.
Morris Floral Co., Morris, Ill.

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Cryptomeria Japonica (Japan cedar), a beautiful jardiniere evergreen; as handsome as Araucaria excelsa, for which it is often mistaken, but ten times cheaper. 4-inch pots, \$15.00 per 100. 2 1/2-inch pots, \$9.00 per 100. 2 1/2-inch for \$2.50, postpaid.
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Just arrived in fine condition, Cattleya labiata, C. Mossiae, C. speciosissima, C. Harrisoniae violacea, C. Warneri, C. granulosa, Laelia anceps, L. a. alba, L. Autumnalis, L. praestans, L. Dayana and Burlingtonia fragrans.
Lager & Hurrell, Summit, N. J.

Laelia majalis alba. A few plants of this beautiful and nearly extinct orchid for sale at low price of \$1.00 per bulb; eight to twenty bulbs to each plant. Guaranteed the true white majalis.
J. A. McDowell, City of Mexico.

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10,000 Paeonies in twenty distinct varieties.
W. & T. Smith Co., Geneva, N. Y.

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WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS. Measurements from top of pot to top of tallest leaf.

	Pot	H't.	Char.	Each.	Doz.
	in.	in.	lvs.		
Latania Borbonica,	2			\$.50	5.00
" "	3			1.50	15.00
" "	5	16-20	5-8	.50	6.00
" "	6	18-20	5-7	.75	9.00
" "	7	20-24	6-8	1.00	12.00
Cocos Weddelliana,	3	14-18	4-6	.25	3.00
Kentia Belmoreana,	3	6-7	3-4		2.00
" "	3	8-10	4-5	.25	3.00
" "	3	18-20	5-6	.75	9.00
" "	5	18-20	6-7	1.00	12.00
" "	6	20-25	5-7	1.50	18.00
" "	7	34-38	6-7	2.50	30.00
" " Forsteriana,	5	20-24	4-6	.75	9.00
" "	5	25-28	4-6	1.00	12.00
" "	6	28-30	5-8	1.50	18.00
" "	7	36-40	5-6	2.50	30.00
Phoenix Reclinata,	5	14-16	5-8	.75	9.00
" "	6	16-18	7-10	.75	9.00
Pandanus Utilis,	3			1.50	3.00
" "	4	12-14		3.00	6.00
" "	5	14-16		5.00	10.00
Peperomia Agyrea,				1.50	3.00
Dracaena terminalis,	4			3.00	6.00
" " Fragrans,	4	8-10		3.00	6.00
" "	6	10-12		.50	6.00
" "	6	14-16		.75	9.00

Geo. Wittbold, 1708 N. Halsted St., Chicago.

Sago Palms. A fine lot of this popular palm in all sizes, from \$4.00 up. All well grown perfect plants. Can be safely sent by freight to any point which can be reached inside of 6 days. Will send 1 doz., assorted sizes, up to the best for \$10.00; 1/2 doz., \$5.50. Latania Borbonica, per 100, nice 2 1/2-in., ready for 3-in., \$5.00. 3-in., ready for 4, \$7.50. 4-in., ready for 5 or 6-in., showing 2 to 3 character leaves, \$15.00. Will make fine stock for fall sales. Cash with order. Satisfaction guaranteed.
Critchell's, 110 East 4th St., Cincinnati, O.

Latania borbonica, 4-inch, 25 cents. Areca lutescens, 4-inch, 35 cents. Kentia Belmoreana and Forsteriana, 3-inch, 25 cents; 4-inch, 60 cents.
Geo. M. Emmons, Newton, N. J.

Latania borbonica, 3-in., doz., \$1.25; 100, \$10.00; 5-in., doz., \$5.00; 100, \$40.00. Phoenix reclinata, 5-in., doz., \$7.50; 100, \$60.00.
Seawanhaka Greenhouses, Oyster Bay, N. Y.

Palms and Decorative Plants in quantity. Anton Schulthess, P. O. Box 78, College Point, Queens Borough, New York.

Palms and Decorative Plants. Largest stock in America.
Siebrecht & Son, New Rochelle, N. Y.

Finest stock of Kentias in the west. Send for our list of Palms and Ferns.
Ellis & Pollworth, Milwaukee, Wis.

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P. utils, fresh seed, doz. 25 cts.; 100, \$1.25;
1000, \$10.00; delivered, H. H. Berger & Co.,
47 Barclay St., New York.

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2½-inch, good stock, \$4.00 per 100.
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Baby Primrose, the newest thing for Easter
blooming. Flowers in thumb pots; grows rap-
idly, 6-in. pot, carry 50 to 100 sprays of rosy
flowers, 12 to 18 in. long; lasts 4 weeks when
cut and wholesale at \$2 per 100; grows finely
in cool house; perpetual bloomer. 12 for \$1.50;
\$10 per 100, express prepaid.

A. Blanc & Co., Philadelphia.

Baby Primrose, healthy, young stock to
grow on for fall and winter blooming, 75c per
dozen, by mail; \$5.00 per 100, express paid.
Nice stock transplanted in flats, \$3.00 per 100.
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Chinese primulas, single mixed, per 100,
2-in., \$2.00; *Obconica grandiflora*, 2-in., \$2.50;
Obconica grandiflora rosea, August 1, \$3.00;
Forbesi, "Baby Primrose," 2-in., \$4.00. Cash,
no C. O. D's.

Jos. H. Cunningham, Delaware, Ohio.

Chinese Primulas: Alba, Rubra, Mixed
Fern Leaf, Choicest Mixed, Japonica, Alba,
Florbunda (yellow), all 2½-in., each \$2.00 per
100. Auricula, mixed, 2½-in., \$2.50.

Morris Floral Co., Morris, Ill.

Chinese primrose, extra fine strain, 2¼-inch
pots, \$3.00 per 100.

Greene & Underhill, Watertown, N. Y.

Primula *obconica*, extra strong, ready for
5-inch pots, \$6.00 per 100.

N. Smith & Son, Adrian, Mich.

ROSES.

Last offer of surplus stock. 1000 American
Beauties, 3-inch, \$9.00 per 100. Papa Gontier,
Perles, Woottons, Hermosa, La France, Mer-
mets, 2½-inch, \$3.00 per 100. Gen. Jacqueminot,
M. P. Wilder, Lord Raglan, Empress of India,
2½-inch, \$4.00 per 100. Suzanne Blanchet, Bou-
gère, Paquerette, Empress of China, La-
marque, Jules Finger, 2½-inch, \$2.50 per 100.
White, Pink and Yellow Ramblers, Queen of
Prairie, Baltimore Belle, Martha Washington,
Seven Sisters, Tennessee Belle, 2½-inch, \$2.00
per 100; \$18.00 per 1000.

Nanz & Neuner, Louisville, Ky.

50,000 first quality Forcing Roses, ready for
immediate planting. Fully equal to those sent
out the last seven years, first-class and
healthy in every respect. Only selected growth
from flowering shoots used in propagating.
La France, Beauty, Carnot, 3-inch, \$8.00 per
100; 4-inch, \$12.00. Meteor, Bridesmaid, Mer-
met, Perle, Kaiserin, Hoste, Bride, 3-inch, \$7.00
per 100; 4-inch, \$10.00. Grafted roses, Brides-
maid, Kaiserin, Carnot, 3½-inch pots, \$15.00
per 100.

J. L. Dillon, Bloomsburg, Pa.

This is not surplus stock; it has been
grown especially for winter blooming and will
give satisfaction to the most critical buyers.
Perles, Bridesmaids, Woottons, Niphotos,
Brides, Golden Gate, White Bougère, Meteor,
2½-in., \$3.00; 3-in., \$5.00 per 100. Mrs. Gar-
rett, new, 2½-in., \$10.00; 3-in., \$15.00 per 100.
All in fine growing condition ready for im-
mediate planting. Terms, cash with order.

H. W. Buckbee, Rockford, Ill.

American Beauties, Woottons, Perles, Brides
and Maids, in 2½, 3 and 4-inch pots. Plants
fine. Prices very low.

Cole Bros., Box 577, Peoria, Ill.

Bride and Bridesmaid, extra fine plants, 3½
and 4-inch pots, \$5.00 per 100. James E. Beach,
776 Park Ave., Bridgeport, Conn.

Bridesmaids, 2½-in., \$3.00 per 100; \$25.00 per
1000. Meteor, 2½-in., \$2.00 per 100. Bride,
2½-in., \$3.50 per 100. Golden Gate, 2½-in.,
\$3.00 per 100. Bridesmaids, 3-in., \$5.00 per
100. Meteor, 3-in., \$4.00 per 100.

Reinberg Bros., 51 Wabash Ave., Chicago.

Meteor, Carnot, Wootton, Kaiserin, from 3-
inch pots, \$8.00 per 100. Mermet, Niphotos,
Bride, Bon Silene, Perle, Duchess of Albany,
Sunset, Bridesmaid, La France, Papa Gontier,
from 3-inch pots, \$7.00 per 100.

Wood Bros., Fishkill, N. Y.

In 3 and 4-inch pots, Bride, Bridesmaid,
Duchess de Brabant, Little White Pet, Marie
Guillot, Meteor, Pink Souper, \$6.00 per 100;
Maman Cochet and Marechal Niel, \$7.00 per
100. Elizabeth Nursery Co., Elizabeth, N. J.

Fancy Rose stocks, 3¼-in. potted back 3-in.
Extra strong, select plants, July 15 and later
delivery, \$6.00 per 100. Kaiserins, Brides, Me-
teors and Maids, 2½-in., \$3.50 per 100.

South Side Floral Co., Springfield, Ill.

M. Neil, Niphotos and Yellow Rambler from
4-inch pots, \$8.00 per 100. M. Neil and Niphe-
tos from 3-inch pots, \$5.00 per 100. Perle de
Jardin from 2½-inch pots, \$2.50 per 100.

Phoenix Nursery Co., Bloomington, Ill.

To close out, 1,300 Perles, 800 Brides, 450
Maids, 750 Beauties and 1,500 Woottons, in 2½-
inch pots; 600 Brides, 300 Maids, 700 Beauties,
in 2-inch pots; 750 Woottons, in 3-inch. Will
close out above stock at 25 per cent discount.

Geo. A. Kuhl, Pekin, Ill.

Brides and Bridesmaids, fine plants from 3-
inch pots, \$3.25 per 100. Meteors from 3-inch
pots, \$4.50 per 100. Only a few left. Order at
once. M. A. Hunt Floral Co., Box 235, Terre
Haute, Ind.

American Beauty, 3½-in. pots, \$7.00 per 100;
\$60.00 per 1,000. Meteor, Maids and Brides,
3½-in. pots, \$4.00 per 100; \$35.00 per 1,000. Fine
stock. Cash with order unless known.

Brant & Noe, Forest Glen, Ill.

Strong 3-inch roses, best for late planting.
Sulendid stock, certain to please. Brides,
Meteors and Maids at 5c. Send 25c for sam-
ples. W. H. Gullett & Sons, Lincoln, Ill.

300 Bride, 200 Maid, 300 Perle, 200 Kaiserin,
extra strong, 3½ and 4-inch, \$5.00 per 100, or
\$50 for the lot F. O. B. in Boston.

J. Newman & Sons, Winchester, Mass.

Surplus roses, good stock. 1500 Brides and
Maids, 2½-inch pots, \$2.50 per 100; or the lot
for \$28.00 to clean up. Don't delay.

Hoffmeyer, Box A, Carnegie, Pa.

800 Brides, 200 Kaiserin, strong, healthy,
2½-inch. Will sell or exchange for Palms,
Boston ferns or Hydrangea hortensis.

Isaac Miles, Oshkosh, Wis.

3000 first-class Am. Beauties, 2½-in.-h., \$6.00
per 100; \$50.00 per 1000; 4-inch, \$8.00 per 100;
\$75.00 per 1000. Cash with order.

DePew Bros., Nyack, N. Y.

50 Maids, 50 Brides, 125 Perles, 150 Niphotos,
good, healthy surplus stock, cheap. Chas.
Fruch & Son, 1116 Hoyt St., Saginaw, Mich.

3000 good healthy plants in 4½-inch pots.
Beauty, Bride and Maid.

M. McNulty, Care W. Tilden, Madison, N. J.

Brides, Maids, Kaiserins and Morgans, 2½,
3 and 3½-inch pots. Ludwig Wild, Jackson
and Bay View Aves., Jersey City, N. J.

2500 Golden Gate, 2½ and 3-inch pots, \$4.00
and \$6.00 per 100. Cash. J. R. Freeman, 612
13th St., N. W., Washington, D. C.

Bride and Mermet, extra strong, 3½-in.,
\$6.00 per 100. N. Smith & Son, Adrian, Mich.

Manetti stocks for fall delivery.

Hiram T. Jones, Elizabeth, N. J.

H. P. Roses and Ramblers at reduced prices.
W. & T. Smith Co., Geneva, N. Y.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

50 Bridesmaids, 100 Brides, 2½-in., \$2.50 per
100. Jos. H. Cunningham, Delaware, Ohio.

Surplus roses, Brides and Maids, first-class
stock, from 3-inch pots, \$4.00 per 100.
Crabb & Hunter, Grand Rapids, Mich.

500 Bridesmaids, 700 Brides, 2½-inch, \$2.50 per
100. Good, healthy stock. Cash.

J. N. Kidd, Florist, St. Joseph, Mo.

SEEDS.

Chinese Primrose seed. The finest large
flowering, fringed varieties grown. Not at all
like the cheap imported seed. Special packet
of thirteen (13) varieties, single and double,
mixed, 400 seeds, \$1.00; half packet, 50 cents.
A packet of the new Forget-me-Not Jewel
added to every order. Strictly cash prices.

Glant Pansy. Best large flowering vari-
eties to be had; no finer offered; larger and
finer this season than ever. All the seed
plants critically selected. Per packet, 3,500
seeds, \$1.00; half packet, 50 cents.

John F. Rupp, Shreemanstown, Pa.

Primula *Simensis* Finbriata, Fine mixed,
extra trade pkt., 25c, crop '99; pure white,
rose, alba rosea, bright red, velvet red, violet
red, bright rose, giant bright rose, trade pkt.,
50c; mauve blue, gray blue, 100 seeds 50c.
Emperored Emperor, 100 seeds, \$1. Cineraria,
E dwarf, mixed, trade pkt., 50c. N. B.—I
offer these seed at half price on account of
coming late this year. Astrar Plants, \$2.50 per
1000, not less than 500 at that rate.

Beaulieu, Walker Ave., Woodhaven, N. Y.

The Jennings strain of American grown
pansies is considered by many florists to be
the leading strain to date. All large flower-
ing and of the most brilliant colors and are
sure to give satisfaction. Finest seed, mixed,
\$1.00 per pkt.; \$2.00 per ½ oz.; \$5.00 per oz.
Finest White, Yellow, Black, Blue, 50c for pkt.
of 1500 seeds. Cash with order.

E. B. Jennings, L. B. 254, Southport, Conn.

Calceolaria hyb., pkt, 25 cts. Cyclamen
gigant., 100 seeds, 50 cts. Cineraria hyb., Gi-
ant, 500 seeds, 25 cts. Primula, white, red,
rosy, blue, separate, 100 s, 20 cts; 500 s, 80
cts. Pansy, choicest German, Scotch, French
strain, 1,000 seeds, 25 cts; 5,000 seeds, \$1.00.
White, red, yellow, blue, bronze, black, strip-
ed, purple, separate, 1,000 s, 25 cts.

H. H. Berger & Co., 47 Barclay St., New York.

The famous Diamond strain is the best of
the German type of pansy. Largest in size
and greatest variety of rich and odd colors.
All colors, mixed, \$5.50 per oz.; \$3.00 per ½
oz.; \$1.75 per ¼ oz.; \$1.00 per 1-8 oz. Cash
with order.

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Zirngel's Market and Fancy strains of
pansies are unequalled for size and brilliancy
of color and the most popular strains to date.
New crop seed ready now. Trade packets of
either strain at \$1.00 each. Full directions
how to sow and cultivate with every packet.

Denya Zirngel, Needham, Mass.

Pansies, Mitting's Glant Flowering, \$4.00
per oz.; \$50.00 per pound; Mitting's Sky Blue,
Purple, Yellow, White, \$2.00 per oz.; \$25.00
per pound. Morris Floral Co., Morris, Ill.

See Dreer's special offer of Florists' Seeds in
display advs., including Cineraria, Calceolaria,
Cyclamen, Daisy, Myosotis, Mignonette, Pansy
and Primula.

Wholesale price list of florists' flower seed—
now ready and mailed upon application.
J. M. Thorburn & Co., 36 Cortland St., New
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Sweet pea seed, new crop. Unusually good
mixed strain, 30 cts. per lb. Cash with order.

J. J. Dean, Moneta, Cal.

Wholesale price list for florists and market
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W. Atlee Burpee & Co., Philadelphia, Pa.

Special seeds for the florist and gardener.
Send for wholesale catalogue.

Johnson & Stokes, Philadelphia, Pa.

Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash
with order.

C. Soltau & Co.,
199 Grant Ave., Jersey City, N. J.

Cabbage and Cauliflower seed specialist.
Francis Brill, Hempstead, L. I., N. Y.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

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Smilax, 2½-inch, \$1.25 per 100. *Dracaena indivisa*, 2-inch, \$3.00 per 100. *Cyclamen persicum*, 3c. 10 per cent off on 300. All good stock. Cash with order. W. G. Kraber, 35 Tremont St., New Bedford, Mass.

3,000, from flats, by mail, 50 cents per 100; \$4.00 per 1,000; from 2-inch pots, \$1.50 per 100; \$13.00 per 1,000. Cash with order. Fred Boerner, Cape May City, N. J.

4000 Smilax, extra strong, healthy, 2½-in., \$1.75 per 100; \$15.00 per 1000. Cash with order. Sample if desired. H. P. Owen, Toughkenamon, Pa.

Smilax, extra strong, 2-in., \$1.00 per 100; \$8.00 per 1,000. South Side Floral Co., Springfield, Ill.

Smilax, strong, from 2½-inch pots, \$2.00 per 100; \$15.00 per 1000. Cash. P. M. DeWitt, Torresdale, Phila., Pa.

Extra fine pot plants, only \$1.50 per 100. No order filled for less than 100. A. J. Baldwin, Newark, Ohio.

Extra strong, 2½-inch, \$2.00 per 100 from flats, 50c per 100. Morris Floral Co., Morris, Ill.

Fresh seed, oz., 40 cts.; pkt., 15 cts. H. H. Berger & Co., 47 Barclay St., New York.

Pot plants ready now, by the 100 or 1000, at \$1.50 per 100. A. M. Herr, Lancaster, Pa.

Fine, strong plants, \$2.50 per 100; \$20.00 per 1000. Wood Bros., Fishkill, N. Y.

Smilax, twice cut back, extra, 2-inch, \$1.50 per 100. Geo. M. Emmans, Newton, N. J.

Elegant stock, 2-inch, \$1.25 per 100; \$10.00 per 1000. Furrow Bros., Guthrie, Oklahoma.

Seedlings, from flats or transplanted. Write for prices. Geo. Souster, Elgin, Ill.

From 2½-in., extra strong winter sown, \$2.50 per 100. N. Smith & Son, Adrian, Mich.

Smilax. Prices on application. Trowbridge & Holmes, Fishkill Village, N. Y.

1000 Smilax, 2-inch, \$1.25 per 100. J. N. Kidd, Florist, St. Joseph, Mo.

Strong smilax, \$3.00 per 100. McCrea & Cole, Battle Creek, Mich.

VEGETABLE PLANTS.

Celery plants, field grown from rich peat beds, sheaved and well hardened: W. Plume, S. Blanching, Boston Market, H. H. Dwarf, G. Pascal, on order of 5000, \$2.00 per 1000, express prepaid. Small plants for transplanting, 75 cts. per 1000; 5000 order, 60 cts. per 1000. Cash with order. Henry W. Williams, 603 Ravine Ave., Peoria, Ills. For quick shipment address T. B. Long, Mgr., East Peoria, Ills.

Cabbage, celery and tomato plants, field grown, 15 cents per 100; \$1.00 per 1000. If by mail add 10 cents per 100. R. Vincent, Jr. & Son, White Marsh, Md.

VINES.

Variegated trailing abutilon, rooted cuttings, \$2.00 per 100. *Manettia bicolor*, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00. English Ivy, 2 to 3 feet, \$5.00 per 100. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

VIOLETS.

Marie Louise, strong, healthy, \$2.00 per 100. \$18.00 per 1000. The same out of 2½-inch pots, \$3.00 per 100; \$27.50 per 1000, if taken soon. Cash with order. C. F. Bahret, Poughkeepsie, N. Y.

Pot plants now ready of Marie Louise, Farquhar and Lady Campbell, free from disease, first class stock. Write for prices. Crabb & Huater, Grand Rapids, Mich.

California Violets, well rooted runners from cold-frame, \$1.00 per 100; \$7.00 per 1000. Cash P. M. DeWitt, Torresdale, Phila., Pa.

Violets my specialty. Am now prepared to take orders for flat planting. F. Boulon, Sea Cliff, L. I., N. Y.

Marie Louise, 2½-in., \$3.00 per 100; \$25.00 per 1000. Wood Bros., Fishkill, N. Y.

Marie Louise violets, strong plants, \$1.50 per 100. C. O. Lewis, Lockport, N. Y.

Violets. Prices on Application. Trowbridge & Holmes, Fishkill Village, N. Y.

MISCELLANEOUS PLANTS.

Petunias, dbl. fringed, mixed, 2½-in., \$3.00 per 100; dbl. ruffled, mixed, \$2.00. *Lycopodium denticulatum*, 2½-in., \$2.00. Morris Floral Co., Morris, Ill.

Ageratum Pauline, 2½-inch, \$4.00 per 100. *Ageratum*, blue and white, \$3.00. *Cuphea platycentra*, 2½-inch, \$3.00. *Heliotrope*, 2½-inch, \$3.00. *Hydrangea Otakisa*, 5-inch, bushy, in flower, \$5.00 per 100. *Lantanas*, fine varieties, \$4.00. *Lemon Verbena*, 2½-in., \$3.00. *Moon Flower*, 2½-in., \$4.00. *Nierembergia gracilis*, \$3.00. Wood Bros., Fishkill, N. Y.

Russellias multiflora and *elegantissima*. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy, 2½-inch, \$2.50 per dozen. The Cottage Gardens, Queens, N. Y.

Lemon verbena, *Impatiens Sultan*, 2½-inch, \$3.00 per 100. Rooted cuttings: *Impatiens Sultan*, \$2.00. *Lemon verbena*, \$1.50. Greene & Underhill, Watertown, N. Y.

SPHAGNUM MOSS.

Sphagnum Moss, put up in new form. We are strictly headquarters on Sphagnum. A great improvement in baling Sphagnum Moss has been achieved in baling it more compressed than in the old method of the burlap bales. These bales contain the same amount of moss as burlap bales, but are only about one-third the size, making it much more convenient in handling and storing. Dry weight 30 to 40 lbs. This is strictly high grade moss, clean and free from sticks. Directions for Use:—Do not undertake to pull the Moss apart when dry. When opening the Moss for use, cut the wires and pour water on one of the sides of the bale covered by slate and you will find the fiber is uninjured, and that the Moss will shake out loose and fresh as when gathered from the marsh. The compactness of the bale excludes the air and makes the keeping qualities, as well as its convenience, far superior to the old methods of baling Moss. Jas. Vick's Sons, Florists and Seedsmen, Rochester, N. Y., write us: "We followed your directions in cutting wires and wetting down the Moss, and it is the finest sample we have ever used, perfectly free from roots and other matter." Price per bale, \$1.00; 6 bales, \$5.00; 10 bales, \$7.50. Write for prices on large quantities. McKellar & Waterson, 45, 47, 49 Wabash Ave., Chicago.

We are now gathering Sphagnum Moss for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc. Z. K. Jewett & Co., Sparta, Wis.

5,000 Begonia Rex and 5,000 Primroses, EXTRA FINE.

POT PLANTS.

Begonia Rex, assorted, 2½-inch \$4.00 per 100
 " named, 6.00 "
 Begonia Tuberosa, 2½-inch 5.00 "
 Lemon Verbena, 2½-inch 3.00 "
 Impatiens Sultan, 2½-inch 3.00 "
 Primrose, Chinese, 2½-in., Extra Fine strain 3.00 "

English Ivy, 2 to 3 feet \$5.00 per 100
Manettia bicolor, 3-in. 6.00 "

GERANIUMS—2½-in. Sweet Scented.
 Mrs. Pollock, Pansy, 4.00 "
 Mrs. Parker 6.00 "

ROOTED CUTTINGS.

GERANIUMS—Assorted \$1.50 per 100
 Mixed 1.25 "
 Mars, Happy Thought, 3.00 "
 Mrs. Pollock 2.00 "
 Mrs. Parker 4.00 "
 Silver Leaf, Rose Scented, Ivy 1.50 "
 Mme. Sallerol 1.25 "
 Freak of Nature 4.00 "

Abutilon Var. Trailing \$2.00 per 100
 Begonia Rex 2.00 "
 " Incarnata Gigantea 2.00 "
 " Flowering 2.00 "
 Impatiens Sultan 2.00 "
Manettia bicolor 2.00 "
 Lemon Verbena 1.50 "

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Extra strong plants, from 2-inch pots.
ARGENTIA GUTTATA per 100, \$2.00
VERNON, red or White " 2.00
ALBA PICTA " 2.00
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RUBRA " 2.00

Mixed sorts, many varieties.
 CASH PLEASE.
EDWARD B. JACKSON
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SOCIETY OF AMERICAN FLORISTS.
 Plant Registration.
 W. A. Manda registers *Dendrobium nobile* Mrs. Geo. B. Wilson. Bulbs very strong, rather thick, closely set with light green leaves. The flowers are nearly double the size of the ordinary form, with sepals and petals of a rich, deep crimson, lip very large, yellowish, with maroon blotch.
 WM. J. STEWART, Sec'y.

CLEVELAND.

The cut flower market is about the same as at last writing, nothing doing outside of funeral work. Some Egyptian lotus blossoms attracted a good deal of attention in one of the downtown stores. They were fully open and sold well, bringing 35 to 50 cents each.

Mr. L. F. Darnell and family have returned from a short trip to Detroit.

Mrs. J. M. Gasser and Miss Helen Roberts have taken a trip up the lakes on the steamer North-West. They will stop for a short time in St. Paul and Chicago.

Mr. Fred Bletcher is enjoying a few days' rest at Columbus, Ohio.

Mr. and Mrs. Ed. Fetters have extended their stay in Detroit two weeks.

The local club is making arrangements to receive the visitors stopping on their way to the convention.

Mr. Salmon, of Akron, was a visitor this week.

The box firm, The Dayton Folding Box Co., had a representative in the city this week. O. A. C. O.

MINNEAPOLIS.

The Twin City Florists' Bowling Club have not been bowling for a month or two and are out of practice, but intend from this on to make up for lost time. John Monson received the medal for the highest single score. The following are the scores:

	1st.	2d.	3d.	4th.	5th.	6th.
Wiel	145	150	103	146	151	105
Monson	135	111	115	157	122	119
Nagel	136	125	121	106	114	136
Lynes	85	97	154	145	118	129

N.

BOWLING PRIZE.

The special prize of a set of six lignum vitae balls offered by the bowling supply department of the Crawford, McGregor & Canby Co., Dayton, O., will be awarded to the team making the highest score in any one game at Detroit. Thus every team will have a chance at this prize until the last game has been played.

MARION, IND.—Gunnar Teilmann reports an excellent trade this year, especially in plants. He has put up a windmill, with a 200-barrel tank, a new barn, and expects to rebuild one of his propagating houses.

CHARLEVOIX, MICH.—F. J. Meech & Son have sold their greenhouses to B. B. Blair, of Otsego, who took possession at once and will continue the business.

A ZEESE & CO.
PHOTO-PROCESS ENGRAVING
300-306 DEARBORN ST.
CHICAGO. + + + + +

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Primroses Now Ready

	Per 100.
PRIMULA CHINESE, Alba. 2 1/4-in.	\$2.00
“ “ Rubra	“ 2.00
“ “ Fern Leaf, mixed	“ 2.00
“ “ Choicest mixed	“ 2.00
“ JAPONICA, Alba	“ 2.00
“ FLORIBUNDA, Yellow	“ 2.00
“ AURICULA, Mixed	“ 2.50

	Per 100
Cinerarias, Hybrid, mixed	\$2.00
Petunias, Dbl. Fringed, mixed	3.00
“ “ Ruffled,	2.00
Geraniums, 20 varieties,	2.00
Fuchsias, 10	2.00
Hydrangeas, mixed	3.00

	Per 100		Per 100
Asparagus Plumosus,	3 1/2-in.	Asparagus	\$2.40
“ Sprengerii		“	7.00
Lycopodium Dent.	2 1/4-in.	“	2.00
Smilax, extra strong		“	2.00
“ from flats		“	.50
Begonias, Flowering, 10 varieties, mixed,		“	2.60
“ mixed		“	1.50

NEW PANSY SEED.

	Per oz.	Per lb.
Mitting's Giant Flowering	\$4.00	\$50.00
“ Sky Blue	2.00	25.00
“ Purple	2.00	25.00
“ Yellow	2.00	25.00
“ White	2.00	25.00

200,000 Pansy Plants, Ready in September.
5 Plants at 100 Rates. Cash, NO DISCOUNT.

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Violet Specialists.

Pot plants now ready of Marie Louise, Farquhar and Lady Campbell; free from disease. All stock; write for prices. Surplus Roses, Brides and Maids, first class stock, from 3-inch pots, at \$4.00 per 100; Bedding Geraniums, 4-inch pots, at \$6.00 per 100; from 3-in. pots, \$4.00 per 100. All first class stock.

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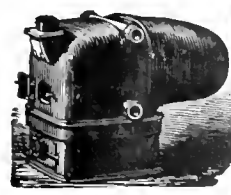
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A little sap in lumber to be used for interior finish in dwellings won't hurt. But in greenhouse material it is a FATAL defect.

The moisture inside the greenhouse makes the difference.

The sappy piece is the first to decay and is the weak link in the chain.

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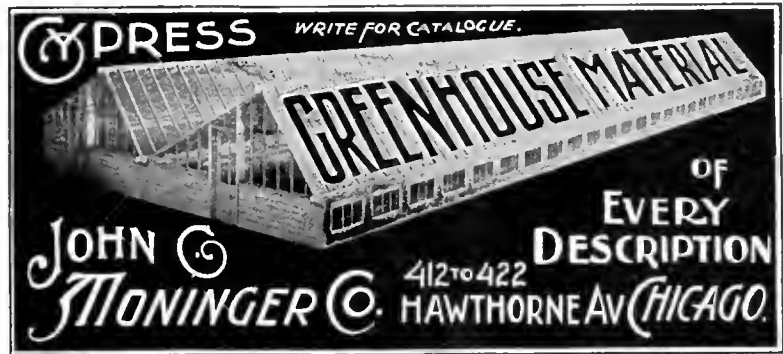
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May we have it?

Write us about it.



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Flowers in thumb pots; grows rapidly, 6-in. pot, carry 50 to 100 sprays of rosy flowers, 12 to 18 in. long; lasts 4 weeks when cut and wholesale at \$2 per 100; grows finely in cool house; perpetual bloomer. 12 for \$1.50, \$10 per 100, express prepaid.

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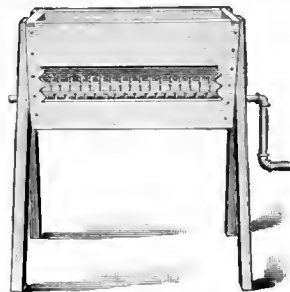
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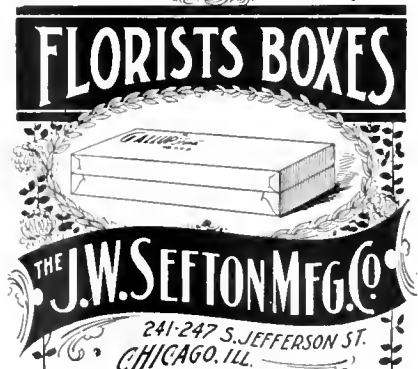
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G. L. GRANT, EDITOR AND MANAGER.

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Mrs. Newham—"Oh, John, there was such a tender-hearted tramp here today!" Mr. Newham—"Tender-hearted?" Mrs. N.—"Yes, I asked him to weed the garden to pay for the dinner I had given him, and he said he was a botanist, and that it hurt his feelings to destroy living plants."—Brooklyn Life.

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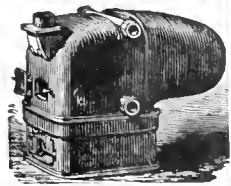
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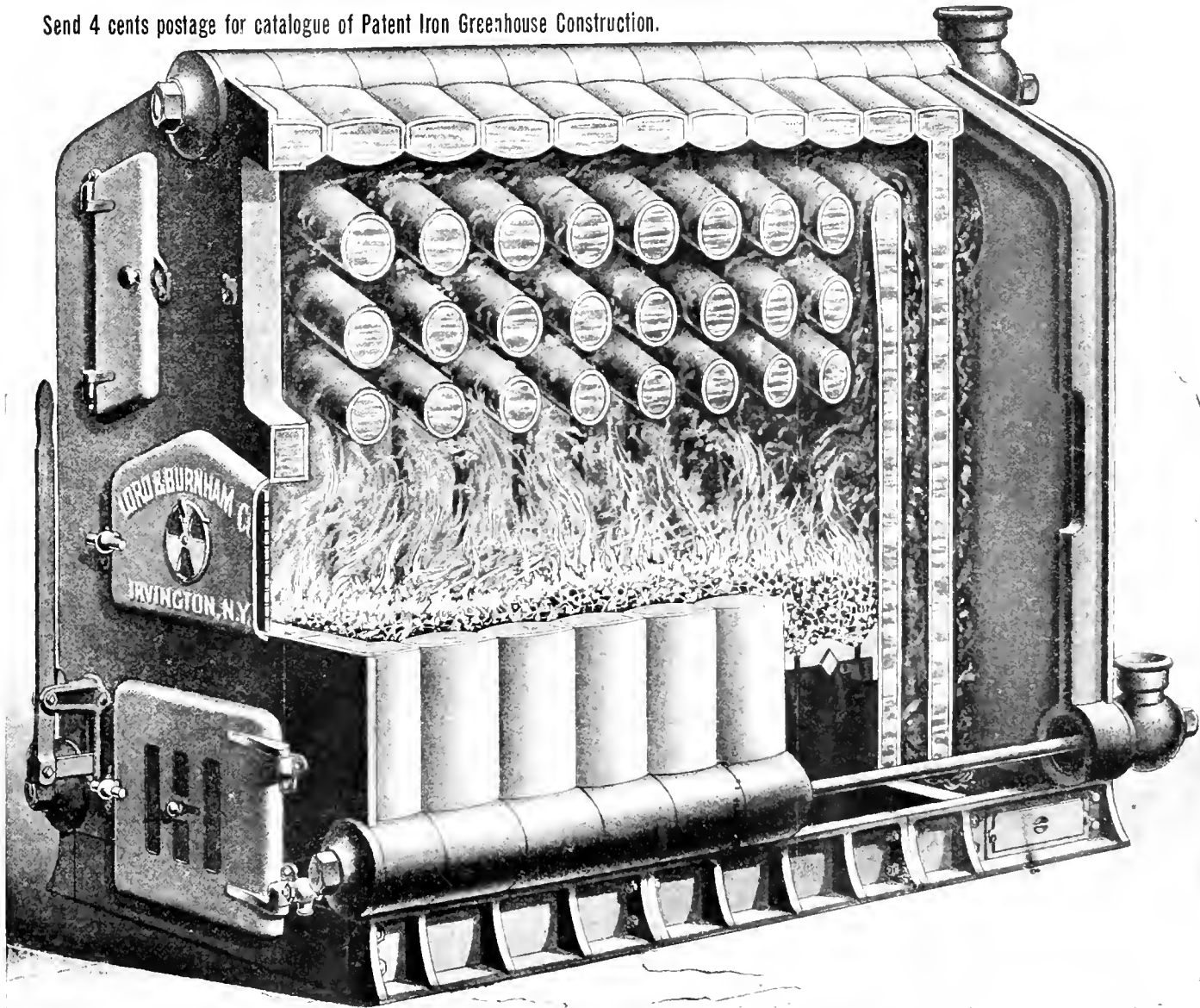


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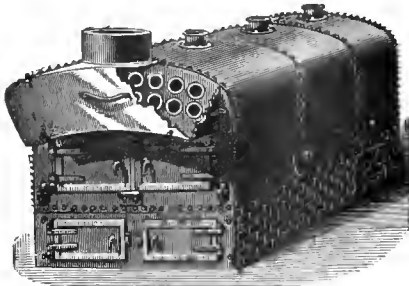
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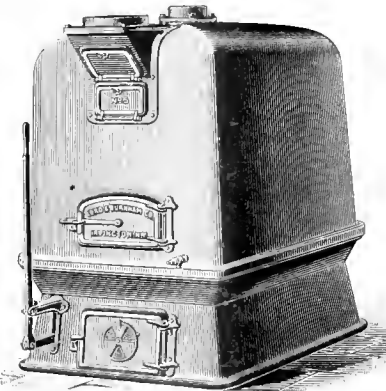
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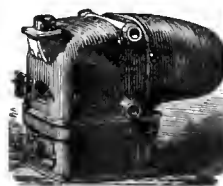
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No. 88.

THE RETAIL FLORIST.

At the Convention.

It is very much to be regretted that the retail florists of America will have no organized representation in the way of exhibits at the Detroit conven-

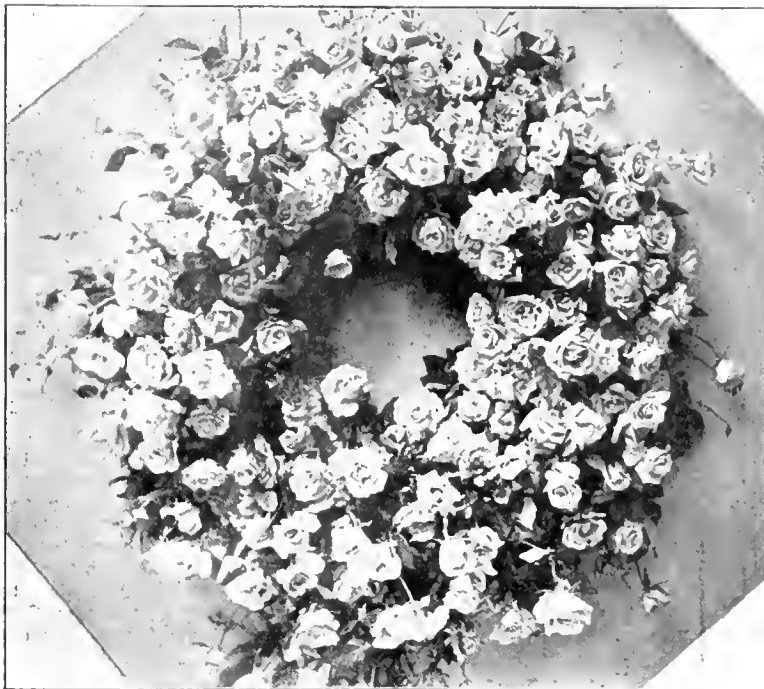
men puzzle their brains with schemes to entertain and instruct the crowd. We will be told in the old way that the retailers are too jealous of each other, and too indifferent to bother with in regard to exhibitions.

Well, it is a pity they don't show

of that most of the growers either retail or are willing to, and that the retail florist is the mainspring of the business—the element in fact that makes these annual conventions possible and successful. Then why shouldn't this important branch of the trade have a fair representation. 'Tis true some little thing is done for them once in a while, but that is merely some private effort. Le Moutt made an exhibit of his work at the Philadelphia convention, which cost him several hundred dollars; since then we have seen nothing at these gatherings but a few photos and heard an occasional paper devoted to retailing. This year we are to have an exhibition of floral photographs, and it is to be hoped that it will be a creditable one. Copyright your photos and send them on; some day we might adopt means of preserving such photos to show our progress and what we can do in this country. Perhaps in the next generation we may have some hall in New York devoted to floriculture and where can be seen and consulted the records and illustrations we have scattered about today.

But to return to the S. A. F. convention. We would like to see exhibits from the retailers at these gatherings. There is lots to show—delivery systems and stock goods, but most important of all, examples in designs and decorative work. If the convention is held in a city where flowers are scarce, or jealousy is rampant, and fair inducements to exhibit are ignored; then let the S. A. F. invite say six of the best artists in that particular city to give demonstrations in decorating and in "making up." Very few good men will refuse, providing material is supplied. This would be better than essays, it would be an educational feature of great value to beginners, and even "the fellow who knows it all" would be in attendance to get pointers.

Floral art is not a limited or worn



Wreath arranged by Ivera for Magician Kellar and sent to the funeral of the late Robert Ingersoll.

tion. It seems strange that this, the most important annual gathering of florists held on the continent, should come and go without leaving any impression beyond that of a glad handshake or an essayist. What lost opportunities! And yet year after year

more enthusiasm, but we think much of the fault lies in their lack of representation on committees. Special provisions are carefully made to satisfy growers in every way; the whole convention, exhibits and all, is for their benefit. The fact is lost sight

out subject. The best can always learn something new. It is a matter which depends on the capacity of intellect, the evolving of ideas. There is nothing to compare with the beauty resulting from proper application of thought and material, and if it is now too late to show anything at Detroit, let the opportunity not be ignored next year.

Seasonable Flowers.

Extra fine flowers are scarce at present. Roses are poor; there are few or no Beauties; Maids and Brides are small; Meteors are short; Victorias are about the best rose obtainable, but they are not suitable for everything. Yes, it's fairly between crops on roses and it's difficult to convince the average customer that good roses are very scarce; still roses must be got and we must make the best of what there is.

If you send them loose, a little hard grown *Adiantum* will add much to them. If you make them up they must be arranged closely to look like anything, and if you can add a bunch of valley at any time do so, for it hides much of their poor quality. Good valley can be had and it's about the choicest flower seen on the market. Valley, Meteors and *Adiantum* is a combination that is very popular and it's the proper thing for most occasions.

Orchids, too, are scarce; here and there some one may have a few cattleyas, but they're like the bird in the bush when you want them most. Still, they can be got and they are worth from \$9 to \$12 per dozen retail. *Lapagerias* are in this month, but they are not grown as a commercial cut flower, more's the pity. Dave Allan made them famous in Boston. They are grand flowers for decorative work and they make the choicest bouquets. The white one will go well with valley or by itself for either corsage or bride's bouquet or head spray. Of course their own foliage cannot be used when in bouquets, and the best green to go with them is *Adiantum Farleyense*. When arranging these flowers don't have them flat; put them one above the other. There are few things finer than a good bouquet of pink *lapagerias*. If used in decoration put the vines down and across the mirror, where their waxy bell-shaped flowers will show all their loveliness.

Hydrangeas are at present the queen of flowers at all our seaside resorts. They are grand and finer and more plentiful this year than ever. At Newport they are the old standby of everything floral; there one is always prepared for any emergency if he has hydrangeas or sweet peas, and the same applies to every florist in the country. The dinner tables of the most exclusive set amongst the millionaires at Newport are very often decorated with baskets of hydrangeas, either pink or blue, or sweet peas.

Tuberous begonias make a very effective table decoration. You can either mix or keep the colors separate. The best way is to use the plants; take them out of the pots if necessary, and

arrange them in some low dish or zinc pan wherein you can keep them soaked; no stakes should be seen and a few fine blooms on the cloth will finish off nicely.

A few pretty flowers on the breakfast or lunch table is all right providing they are not laboriously "fixed." Just a low vase of nasturtiums or some garden flower loosely arranged and one or two that have fallen out, is all that's needed. When flowers are put in a sitting room, particularly at a lady's desk, be very careful that their odor is neither oppressive nor repugnant. Bright or sweet flowers are the only ones you should use in such cases.

Window Displays.

There is not very much difference in the window displays at present. In Boston, Philadelphia and New York *aspidistras* and vases or baskets are the principal items used. Here and there we noticed some fine displays of gladiolus, and once in a while we see a picturesque old vase filled with auratums. At Saratoga we saw a fine vase of lotus. At Newport sweet peas form the principal window flowers. On Broadway, New York, Thorley, Small and Fleischmann keep very neat windows. It isn't the quality of material they use, it's the artistic way they arrange it. Very few flowers are needed to make Small's windows pretty, because the bottom is of green tiling, which we recommend to every florist. In one window on Broadway a feature is a water dish filled with Venus fly trap (*Dionaea muscipula*). Small's window this week is very artistic though made up of the commonest flowers. One feature is a mound of wild carrot flowers (*Seseli osseum*), topped and fringed with palms and a cluster of red gladiolus at one side; it's an example of what can be done with the simplest materials.

Wild Flowers.

And whilst we are on wild flowers we wish to emphasize the importance of a closer acquaintance with many of our native flowers. Many of them are very beautiful and should be cultivated for commercial use. No florist need be short of material if he is in, or within easy reach, of the country. Wild carrot is good for "ground work," the tall Meadow Rue (*Thalictrum polygamum*) is splendid for vases with other flowers, or good for "base work." *Eryngium planum*, or *E. coeruleum*, makes elegant foliage for blue corn flowers. *Carex stricta* is a grass we could often use to advantage with gladiolus and such flowers. The grey-headed cone flower (*Ratibida pinnata*) is a lovely yellow flower fine for vases. Nearly all the *rudbeckias* are useful. *Brauneria purpurea* is the most showy flower out at present; they are good for vases; its orange and lavender flowers are very odd. *Penstemon barbatus* is very beautiful and useful for table, vases or baskets.

Asclepias tuberosa is the grandest

orange colored flower to be had; it ought to be forced for winter use along with *Asclepias pulchra*. There is not a finer little white flower than *Euphorbia corollata*; it's grand, and lasts a long time; fine for funeral work. These flowers are valuable now because others are either monotonous or scarce, and it's our desire to see more variety grown. Nowadays if one wishes anything novel or choice the market is not the place to search for it; visit some old-fashioned garden, herbaceous grounds or wild meadows; you are sure to find something interesting, and when you see a good thing don't forget it, but have some grown for another season. *Pancretiums* are extra good for funeral work, and if arranged judiciously will pass for white orchids.

Plants.

It's a good time to figure on how you will have your plants fixed for next season. There will not be much that's new in the way of decorative plants, but growers are anxious to find out what will go best. The American public is becoming more critical in the matter of house plants; the days of cheap hurry-up-grown stock are fast declining. The man who grows good hardy palms will get a good price for them. Every fall you will notice that a lot of rushed-up-stock is dumped on the market through the auction marts; there are what may be called "consumptives." Retailers should be careful to avoid much of this class of stock; some of it is O. K. if you have glass under which to nurse it, but beware of it for the store.

In the way of palms, kentias will always lead here because they stand the dust and other difficulties in house culture. The best large kentias are scarce and they will bring good prices. Try a few made-up plants; this style of having your plants furnished well to the pot is becoming very popular. Don't mix the varieties and don't wait till the last day to fix them; have them specially grown and ready. There will always be a demand for *Areca lutescens*, because it is the most beautiful of all palms, especially when in large specimens. The trouble with this palm, however, is that it is not grown cold enough. There is one firm near Philadelphia that makes a specialty of arecas, and it's a pleasure to look at the stock grown there. *Cocos Weddeliana*, unless intended for ferneries, should be grouped 3 or 4 in a pot; they sell better that way. There is an abundance of small *Cycas revoluta* on the market; these are useful where they can be cut up for funeral work. *Livistona rotundifolia* will be in demand; last year it was very scarce; it is a splendid little palm, suitable for table work or where low effects are wanted, and will stand well if cool grown; if 'tis not, it's precarious stock to handle.

Branched ficus will be good to have on hand; the long, spindly ones are seldom wanted nowadays. Phoenix



Views in Clark Park, Detroit.

rupicola, or some of the others, for instance *P. reclinata* and *P. canariensis*, are fine when large for either cool or hot places. We have successfully grown phoenix where 'twas impossible to grow anything else, right over a hot radiator. Plenty of water and frequent syringing was all that was necessary. *Latania borbonica* is being supplanted by the Boston fern, but there will always be a call for them where space has to be filled or shade wanted. The Boston fern is one of the best plants grown, for you can use it anywhere. Good plants were scarce late last season because growers were too anxious to dispose of it.

Asparagus Sprengerii will be popular

the coming season, especially in the form of hanging baskets. It's a grand thing, and don't be afraid if you have a good stock of it. The only trouble with this plant is we don't get the vines long enough; the plant requires strong feeding. Get *A. Sprengerii* with 3 or 4 foot vines and it surpasses anything in the decorative line. Don't have your plants in too big pots, use careful judgment in this respect, because your plants look poor in big shoes, and then they are hard to hide and difficult to handle. Growers should in a way be as careful to give the retailer what he wants, as the retailer must be in supplying his customer.

IVERA.

BUFFALO.

Butted Glass.

It is hardly worth while speaking of business as there is little except what is wanted for the inevitable, and that with some firms is the leading article. Asters are coming in but not extra in quality. Carnations are getting fewer and small. There are enough good roses to go around. Mr. Guenther, of Hamburg, N. Y., is sending in some fine Kaisers and Meteors from his model and modest beginning and his butted glass.

Speaking of butted glass. It was amusing to see a contemporary ask a number of florists their opinion of butted glass. The gentlemen who were consulted stand high in the profession, are first class men in every respect, but they have no knowledge of how to lay butted glass. If any one of them ever gave it a trial it was in a small and prejudiced way. The only exception to that was the testimony of Mr. C. W. Ward, who told me he had butted glass on several of his houses. Most probably he did not lay it the right way or he would not be now altering it.

Why was not John H. Dunlop asked? He has ten times as much butted glass as all of those put together who were asked. It would have been fair and a saving of words and a better guide to prospective builders if the great majority who were asked had replied in this way: "Don't know, never gave it a fair trial." Harry Dale, the only man of the lot who was in favor of butted glass, comes out square and in no mincing manner. Says Harry in part, "Anyone laying lapped glass in this district would be looked upon as a back number. I have tried both ways and I know that butted glass has saved me hundreds of dollars, the almighty kind." Well done my blooming, auburn, honest, modest but clever Canadian. That little paragraph is worth a column of windy stuff from a man who assumes to tell you how to lay butted glass and yet condemns it. And remember, this is the evidence of a man who has 175,000 feet of glass, has many thousand feet of the long span to the south whose north side is the most unfavorable style for butted glass, and who is located in the cold icebound, snowdrifting town of Brampton, Ont. And I, who won't pretend to know, have been told by the best growers and largest commission men of the country, that Mr. Dale grew the finest roses on this continent. I like the word continent so much better than country, for we are all the same, or should be.

I was amused a few days ago when two men entered my store and said they intended to build and were looking for points. They had been out to our Botanic Gardens, but had not found the amiable professor at home, but the gardeners there had kindly given the advice "that if these men

butted the glass in their houses they would never butt another." Now to hear that provokes an irritation of the epidermis; it's beyond the smiling, nearer the boiling point. Those good gardeners are no more an authority on butted glass than they are on the most feasible way of altering the course of the river Euphrates. The little piece of butted glass at the Botanic Gardens was never laid right, it's a botch all round, but it must not be condemned because there and in many places they went about laying it entirely ignorant of the first knowledge of the system.

It is not necessary to butt glass in a botanic garden or in a private place or near a city or large town where you will get much smoke, but for the commercial man away from smoke I can only agree with Mr. Dale and a little more so. I have only ten houses butted but would no more think of lapping glass in future than I would of heating with brick flues. None of you had better condemn or praise butted glass till you know how to lay it and have given it a fair trial.

To Detroit.

We are so glad to hear that Boston and New York arrive in Buffalo on the Monday night and will travel hence by Wabash, which leaves here at 12:15, middle of the night. So there will be time to shake the dust off outside and wash it off inside if by neglect any has been allowed to lodge in the vocal organs. I trust we will have a good many to join the party and that Gov. Westcott will bring his numerous brigade this route.

Various Items.

The papers a few days ago announced the safe arrival at Antwerp of the ship containing the live body of Mr. C. F. Christenson and son. How we do look forward to the verbal description of the voyage and the impressions of the liquids, cigars, etc., of his native Denmark. We think we can hear him saying to the natives, "Oh, my dear boy, they do not measure out the stuff to us in dear old America; they give us the bottle. Your cigars? I guess not. I thought you had good tobacco. Yes, my child, it is cheap enough the Lord knows, but give me our old Buffalo three for a quarter, they're good enough. Yes, I like your gin all right, but your whiskey is what we Yankees call forty-rod. I have not seen the sun shine since I was here; is it always so dull? And the palace gardens that I used to tell the boys so much about; they look so small. Well, well, we must be going. Come, come, my boy, where is that place I called in yesterday where they had such good mineral water, etc."

Mr. J. Austin Shaw is in town. How soft the summer breezes rustle the poet's locks; his verse is ever cheery when toiling among the pots.

Mr. Mott, of Riverton, of a more prosaic dollar and cents build, has been

and gone; and left his usual lot of ferns and palms among the craft of the city and surrounding territory.

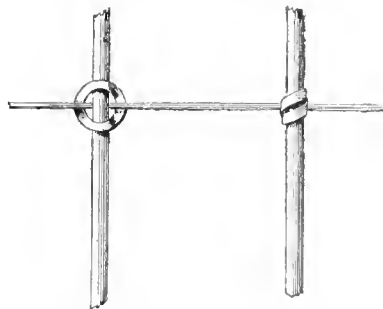
The bowling club meets Wednesday afternoon to practice and select the teams to carry off the numerous handsome prizes at Detroit. They will be exhibited at one of the retail stores on their return from Detroit, and it is a question whether we should lay them out on a piece of black velvet or suspend them with silver wires. In justice to the small boys in the crowd, banging them up would give all the best view. W. S.

TYING ROSE STAKES.

Your correspondent A. O. T. in his rose notes in the Review for July 29 recommends tying stakes to wires running lengthwise of the beds. Now I should like A. O. T. to try my system of fastening rose stakes, published in your late prize competition. We have found it a practical thing here and I'm sure A. O. T. and other up-to-date rose growers will find it the same. The washers can be got very cheap and the extra cost over string is more than counterbalanced in time saved besides having a firm and neat job. HARRY McNAUGHTON.

[We reprint herewith the engraving and description referred to by Mr. McNaughton.—Ed.]

Rose stake tyer. Place a half-inch rubber washer (can be cut from a



Method of Fastening Rose Stakes

half-inch hose) behind horizontal wire, bend over top and bottom of washer, push stake through the two holes thus made, stick end of stake into soil. If your washers are small enough your stake will be secured with sufficient firmness. If the washers are a little large, or you need an extra firm tie, push stake nearly way through, give it a half turn and then stick into soil and your stake is positively immovable. S.

HYDRANGEAS.

A subscriber asks: "How shall I treat my hydrangeas in pots? I have some now in 3-inch pots. Should they be pinched and repotted so as to have them nicely in bloom by Easter time? Should they be shaded or not?"

The hydrangea has been written up at length by more than one pen in the

columns of The Review. It is late now to have fine plants for Easter, but you can begin at once. They want no shade, not the slightest. Pinch out the leading shoot at once and shift them into 5-inch pots. If they are well rooted in the 3-inch they will take a 5-inch; if not so strong, shift them into a 4-inch.

Give them a good rough loam with a fourth of rotten manure and plunge in a frame outside with room for them to grow. And let the sun and light all around them. Leave them there until after the first few light frosts and look in the columns of the Review for future instructions.

WM. SCOTT.

BOSTON.

The Market.

During the fore part of the week the demand for all classes of flowers was quite unexceptionable for this time of the season; during the last two or three days, while the trade can hardly be called slow, there was quite a different feeling.

Roses, outside of Beauties, are in ample supply for the demand, with the quantity of real first-class stock reduced to a minimum.

Brides and Maids run anywhere from \$2 to \$8 per 100; Kaiserins, good quality, will go as high as 12½ cents; Meteors about the same. Beauties are scarce and are all sold as fast as they come in at prices ranging from 75 cents to \$3 per dozen. Carnations have been good property for some time, and are not over plentiful; \$1 per 100 is the average figure; peas are also in a short supply as compared with former seasons, 15 to 20 cents per 100 is the price; asters are good property, selling quickly at from 75 cents to \$1.50 per 100; odds and ends plenty, put up in 25-cent bunches.

The Saturday Show.

The exhibition this week was devoted to hardy phlox, antirrhinums and natives, and considering the unusual dry season, was quite good. For a collection of 12 named varieties of perennial phlox, 1st prize was awarded to W. N. Craig; 2nd, Geo. Hollis. For antirrhinums, thirty vases, not less than ten varieties, 1st, E. J. Milton; 2nd, John Jeffries. For collection of hardy native flowers, 1st, Mrs. W. S. Eager; 2nd, Miss Alice Grinnell; 3d, Miss Edith Noyes. Gratuities were awarded to Mrs. E. M. Gill and E. C. Lewis for displays of seasonable flowers; to W. N. Craig for collection of cannas and sweet peas; to Mrs. John L. Gardner for perennial phlox, and to Rea Bros. for a collection of perennials.

The News.

Chas. Malone, of Galvin's Tremont street store, is enjoying a short vacation at Narragansett Pier, while Jim McMann has taken a cottage at Hough's Neck.



In front of the City Hall, Detroit.

N. F. McCarthy and family anticipate spending the month of August at Bar Harbor. P.

DETROIT.

The meeting of the Detroit Florists' Club last week was, as usual, an "overflow" gathering, all the chairs being occupied, and much interest was shown in the completion of the convention arrangements. It is remarkable to note the good will and unanimity of these meetings and the harmony that prevails. Vice-President Rackham presided in the absence of President Breitmeyer, who was away on his eastern trip.

Elaborate arch and electric decora-

tions were decided upon and all the money a committee needs for its work can be had for the asking.

There will be no limit to the enjoyment of this Detroit convention for its visitors, and you will realize the meaning of true western openhandedness!

Dr. Smith, an honorary member of the club, gave some very interesting remarks on Old Mexico and its flora and has promised the club a lecture on his experiences. He is a ready and eloquent speaker.

After the meeting the irrepressible bowlers indulged in practice, and with a liberal supply of nerve stimulant they will surely give a good account of themselves. Phil says they will "cer-

tainly take first place," but he was not accountable for what he said, as he was returning from his vacation when he said it and full of eastern enthusiasm!

Brother Killen drifted into Detroit last week on the crest of the C. E. wave, looking brown and happy from his western trip. Mrs. Killen is enjoying a few weeks' vacation at one of Michigan's beautiful summer resorts. Mr. Killen lives just across the river at the pretty little Canadian village of Windsor, so he is in luck at this convention, as he can be home every night (early). He contemplates making an exhibit.

The Boston florists, so proud of the antiquity of everything east, must not fail to see the big elm on Sullivan's place as they go to Mt. Clemens for their sulphur baths! This elm is larger and more beautiful than the one that Boston Common prided itself upon, and by the size of it I think a little older. It certainly is a beautiful tree and Sullivan is worthily proud of it.

I am indebted to the genial superintendent of parks and boulevards, Mr. L. I. Coryell, for a delightful trip over the boulevard system and a view of the wonderful advancement made under his supervision in the condition of the splendid drives and twenty-eight parks therewith connected, that are destined to make Detroit more and more as the years roll on worthy of its reputation as the most beautiful city in America.

Mr. Coryell's plans when completed will leave little to be desired by the Detroit people in the line of ornamental horticulture. Nature and art are happily blended in all the work that is being done, and when the system is complete, as it promises soon to be, no more perfect driveways and beautiful parks can be found in any city of its size in America.

I sincerely trust that in the carriage drives planned for the conventionists the boulevards may not be forgotten.

Detroit bowlers' scores, July 23:

					Ave.
Connor	147	183	...	...	163
Dunn	140	132	177	140	150
Holznaple	143	135	...	...	139
Beard	148	122	130	...	134
Watson	113	154	...	...	133
Sullivan	99	166	...	...	132
Flowerday	137	137	129	...	131
Pantke	90	134	133	...	119
Hupprich	101	152	101	...	118
Rackham	91	106	139	...	112
Pickworth	117	94	83	77	93

Detroit bowlers' scores, July 24:

					Ave.
Holznaple	212	132	...	...	173
Connor	178	157	144	168	162
Watson	121	143	140	153	139
Dunn	128	135	133	146	137
Beard	128	133	149	119	132
Pantke	109	136	131	107	121
Taylor	133	106	106	121	116
Pickworth	94	152	85	129	115
Flowerday	103	125	...	...	114
Hupprich	90	124	116	...	111
Rackham	102	130	98	...	110

AUSTIN.

CITY HALL, DETROIT.

The City Hall is a fine building, but the surroundings interest us most. A glance at the two pictures showing the

advance in 1898 over 1897 will quickly illustrate the value of horticultural decorations.

At present the banks of palms, the handsome bedding, and the taste in arrangement, make this little "park" in the very center of the city a constant object lesson to its 200,000 inhabitants. AUSTIN.

NEW YORK.

Bowling.

The most important occurrence, "floriculturally speaking," in New York the past week was the triangular bowling match between the Flatbush Florists' Bowling Club, the New York Florists' Bowling Club and a scrub team from the New York Gardeners' Society, which took place at the New York alleys, Fifty-seventh street and Sixth avenue, on Monday, July 31st. It was a hastily gotten up affair and for that reason was all the more enjoyable.

At this time of the year, when business is dull and humidity makes life nigh unendurable; when an eye to the future insists on ignoring the music of the seas, be they rolling on the sands of gay Manhattan or carrying palpitating hearts away to Europe, oh who will begrudge the "stay-at-homes" whatever little enjoyment they may get from a game at "bowls"? Scientists, philosophers, fishermen and the rest of the crowd may turn their nose up at bowling, but it's enough for us boys that we can and do enjoy it, even if we get beaten betimes.

The melody of Schmutz's legs is far superior to the ballet; the comedy of Mellis' antical coaching is far more preferable to the nonsense of the stage; the quizzing of O'Mara and the whizzing of Raynor evoke admiration and consternation. 'Tis true Burns' white slippers were absent, but anyhow, boys, there was lots of fun, and though the scores were wee there's no faultfinding. Only as these teams are going to be represented at Detroit and it's only fair that all the teams competing will be alike strangers on the alleys to be used, let the Detroit committee see to that.

NEW YORK FLORISTS' CLUB

T. Roebes	124	125
W. Plumb	129	119
F. Tranterly	137	156
H. Banyard	113	83
J. N. May	150	72
P. O'Mara	139	154
	840	719

FLATBUSH FLORISTS' BOWLING CLUB.

D. Mellis	106	145
J. Raynor	161	128
L. Schmutz	157	129
A. Zeher	105	126
P. Wiley	143	157
E. Barthelme	167	147
	750	832

NEW YORK GARDENERS' SOCIETY.

N. Butterbach	121	83
W. Barthelme	135	162
J. Withers	106	116
J. Donlan	162	166
F. Atkins	148	122
S. Butterfield	112	94
	714	683

New Yorks won one game, Flatbush won the other. The Gardeners lost because their best men failed to attend.

A return match of the three teams will be played on the Flatbush alleys on Thursday, August 3.

Various Items.

The committee appointed to invite the S. A. F. to New York in 1900 met at the club rooms on Monday to consider ways and means. Much enthusiasm was shown and progress reported on all lines. All the horticultural and gardeners' societies within 100 miles of New York City sent offers of assistance to make this the greatest convention and exhibition the society ever held.

It may be here mentioned that these local societies represent all the private gardens surrounding New York, and if they agree to show their plants and products, the S. A. F. will have an "eye opener" of an exhibition; the greatest, in fact, the country ever saw.

Mr. John N. May wishes to urge all intending to go to Detroit to notify him at once, as the railroad people desire to have at least four days' notice. However, for the convenience of those who cannot decide till the very last, the ticket agent will be at Cleary's auction rooms on the morning of the 14th at 11 o'clock. The crowd leaves Cortlandt street at 12.

The Westchester (N. Y.) Gardeners' Association will have an outing to Dreer's Nurseries at Riverton, N. J., on August 9th. They will leave Portchester at 5:55 a. m., reaching New York, West Twenty-third street boat, at 7:55. This is going to be a most enjoyable affair, as the boys are all men and are well known for all that's good amongst horticulturists. Those intending to go with them should notify Robert Jenkins, Rye, N. Y.

There is a gardeners' society in New York City of which very little is heard. They are the gardeners employed in the department of public parks. Their society is known as the Catalpa Labor Club of City Gardeners. They are also Local Assembly 1,694 of the Knights of Labor. They were organized December 23, 1897. The principal object of the society is to procure and maintain a union rate of wages in the department of parks. They have done a great deal towards raising the name of gardener above the level of street sweeper, and any body of men who go in for that kind of elevation has our heartiest approval and friendship. IVERA.

CHICAGO.

The Market.

Several of the wholesalers note quite a little improvement during the past week, but an equal number of others have not noticed any perceptible change. The outdoor carnations are improving rapidly in quality and the roses are a shade better. Some indoor carnations are still straggling in,

but as a rule they are too small to consider. Some really first class sweet peas were noted at Amling's. They were from a late sowing.

Various Items.

We still hear reverberations from the last club outing at Blue Island. Those who attended are still talking of the splendid time they had and of the open-handed hospitality of the Heim Brothers. A good deal of fun was made by a number of the frolicsome members (including Ed, Winter-son and Charley McKellar, of course), who suddenly appeared on the scene arrayed in ladies' wrappers and sun-bonnets of gorgeous hues, and disported themselves as only these irrepressibles can.

Kennicott Bros. Co. are remodeling their cold storage room. Geo. Scott, with this house, has returned from his vacation, and A. C. Kohlbrand is taking his in the form of a wheeling trip.

M. F. Kyle has returned from Ottawa, Ill., and is now with A. H. Schneider at Oak Park.

Frederic Craneheld, of the University of Wisconsin, Madison, was a caller last Tuesday.

There promises to be a big delegation from this city to the Detroit convention. The expense will be light and all can afford to take it in.

Charles Held has rented his green-houses and has gone to California for his health.

Bowling.

The last quartette of handicap prize games were played at Anson's alleys last Friday evening and following are the scores:

	1st.	2nd.	3d.	4th.	Tot.	Ave.
G. Stollery	159	161	205	...	528	176
F. Stollery	207	153	162	...	522	174
Geo. Asmus	173	194	212	116	695	173
Jno. Deegan	144	144	169	155	612	153
Ed. Winterson	156	147	119	178	600	150
P. J. Hauswirth	113	173	119	125	530	147
C. Hall	157	169	138	171	575	143
C. W. McKellar	119	117	125	167	489	122
J. S. Wilson	117	116	133	...	366	122
C. Hunt	109	124	122	...	356	118
W. Krotting	97	118	127	113	455	113
M. Barker	89	119	101	...	269	103

Though no less than fifteen took part in the twenty-four prize games, only six played the requisite number of games (16) to be considered in the results, and their scores and averages follow:

	Games.	Total.	Ave.
F. Stollery	18	2755	153
G. Stollery	18	2635	146
Jno. Deegan	24	3283	136
P. J. Hauswirth	18	2327	129
A. Henderson	20	2534	126
C. Hunt	21	2539	121

Geo. Asmus, the scratch man, did not play the requisite number of games, and as it turned out the handicaps did not affect the result in any way. The Stollery boys will carry both prizes to Argyle Park, Fred the \$5.00 umbrella over his head, and George the \$2.50 bowling shoes on his feet. Both boys will have one end provided for and by clubbing together they can cover both ends.

It was decided to have practice games each Wednesday and Friday night from now till convention time.

CALL, WRITE,
WIRE OR
PHONE.



CATALOGUE
FOR THE
ASKING.

REMOVED to our NEW CENTRALLY LOCATED FIVE-STORY BUILDING.....**918 Filbert Street**

Where we will be pleased to see all of our friends and the trade in general. Make our place your HEADQUARTERS.

SOME OF OUR **LEADERS...**

- Our Famous Wheat Sheaves,
- Cycas Leaves (both dull and glossy finish),
- Cape Flowers (new crop),
- Chenille, Fancy Baskets,
- Pot Covers, Plant Stands, Doves,
- Immortelles, Metals, etc., etc.

M. RICE & CO.

Importers and Manufacturers of

Florists' Supplies,

918 Filbert St., PHILADELPHIA, PA.

Mention The Review when you write.

ZIRNGIEBEL GIANT PANSIES.

Market and fancy strains. Unequaled as yet for size and brilliancy of colors, and the most popular strains to date. New colors added every season.

NEW CROP SEED READY NOW. Trade Packages of either strain at One Dollar each.

Full directions with every package how to sow and cultivate.

DENYS ZIRNGIEBEL, NEEDHAM, Mass.

Mention The Review when you write.

Pansies WORTH RAISING....

Excellent Seed, 3-16-oz. \$1.00; 1-oz. \$4.00. Cash with order.

C. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.

Mention the Review when you write.

A Bargain One Rubber Plant, 6 feet tall, 5 feet diameter. A fine tree, healthy in every way, not a white spot on it, \$15.00. 100 fine Chrysanthemums, 20 varieties, all named, the latest and newest, from 4-in. pots, \$8.00 for the lot. They are healthy and clean. CASH WITH ORDER.

CHRISTIAN LAWRTZEN, Rhinebeck-on-Hudson, N. Y. Box 262.

Mention The Florists' Review when writing advertisers.

PANSY SEED. The Famous DIAMOND STRAIN.

The best strain in the world of the German type of Pansy; largest in size and greatest variety of rich and odd colors. A trial will prove it. I have received hundreds of testimonials from florists who use this strain, of which the following are samples: From S. T. MAYNARD, Professor of Horticulture at the Mass. Agricultural College and Director of the Horticultural Department of the Hatch Experiment Station, Amherst, Mass.—“It gives me pleasure to say that your Pansy seed, Diamond strain, is the finest we have ever grown.”

From HARVEY BROS., Salmon Falls, N. H.—“Please send us the price of your Diamond strain Pansy seed by the ounce. The plants we bought from you last fall were very fine, the fanciest colors we ever saw. All our patrons said they were the best they had ever seen.”

Price, all colors mixed, \$5.50 per oz.; \$3.00 per ½ oz.; \$1.75 per ¼ oz.; \$1.00 per ⅓ oz. Cash with order.

L. W. GOODELL, Pansy Park, Dwight, Mass.

Mention The Review when you write.

PANSIES

The Jennings Strain of finest American Grown Pansies are considered by many florists to be the leading strain to date. All large flowering and of the most brilliant colors, and are sure to give satisfaction. Finest mixed seed, ¼ pkt., \$3 per ½ oz., \$5 per oz. Finest white, yellow, black and blue, 50c pkt. of 1500 seeds. Cash with order.

E. B. JENNINGS, Southport, Conn. Lock Box 254. Grower of the Finest Pansies.

Mention The Review when you write.

SEND IN YOUR ORDER NOW for a copy of the

FLORISTS' MANUAL.

Always mention the Florists' Review when writing advertisers.

HERR'S PANSIES

The superiority of my pansies is due to the fact that I started with a selected strain fifteen years ago, and have been carefully selecting and adding to them each season since. Try them and see what I have accomplished.

PLANTS ONLY.

Free by mail at 75c per 100; 250 for \$1.50; 500 for \$2.50. By express, \$4.00 per 1000.

ALBERT M. HERR, - - Lancaster, Pa.

Mention The Review when you write.

The Annual Meeting of the Members of the Florists' Hail Association

will be held at Harmonie Hall, Detroit, Mich., on August 15th, 1899, at 2.30 P. M., for the purpose of electing two Directors and transacting necessary business.

JOHN G. ESLER, Sec'y.

Cabbage, Celery and Tomato Plants.

Field Grown. 15c per 100, \$1.00 per 1000; if by mail add 10c per 100.

Chrysanthemums in good var., from 2½-in. pots, \$2.00 per 100. Cash with order.

R. VINCENT, JR. & SON, White Marsh, Md. Mention The Review when you write.

FLATBUSH, N. Y.

The Flatbush Florists' Bowling Club intends to send a team to Detroit, and if Dave Mellis attends as coacher and Gene Dailedouze, Pat Riley, John Raynor, Will Prosser and another or two goes, well, they'd better be carefully considered. Riley has a new standard 10-inch pot already overflowing with dimes he has won during the past season. The scores on July 27 were:

Table with 3 columns: Name, Score 1, Score 2. Includes D. Mellis, E. Dailedouze, P. Dailedouze, H. Dailedouze, Papa Zeller, P. Riley, A. Zeller, L. Schmutz, Woerner, Donlan, and J. I. D.

SEND advs. early for our Convention Number, to be issued August 17. It will contain a report of the Detroit Convention and will be widely circulated to the trade.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Active young man who has had two or three years' experience in commercial greenhouses. 65 Wendell Street, Battle Creek, Mich.

SITUATION WANTED—By an up-to-date, all round florist; long experience and best of references; strictly temperate. D. Honaker, Knoxville, Tenn.

WANTED—A small second-hand boiler for a 100x16 house; also 300 feet 4-inch pipe. Address J. C. care Florists' Review.

WANTED—A good Ar florist to take charge; \$20.00 per month, board and room; will pay more if he proves himself steady; steady place; give reference and experience. C. Humfeld, Clay Center, Kan.

FOR SALE—A bargain, if taken at once. \$150.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

FOR SALE OR RENT—Four greenhouses and dwelling; good retail stand. A. Claus, Springfield, Ill.

FOR SALE—Second-hand Devine hot water boiler, 9 feet long, 23 flues; will sell cheap for cash. Address A. Pedersen, Oak Park, Ill.

SITUATION WANTED—By carnation specialist. Good references. Address C, care Florists' Review.

SITUATION WANTED—By good all-round grower. Absolutely responsible and capable of taking full charge. References. Address 30, care of Florists' Review.

WANTED—A good all round florist; must be active, reliable and sober; wages \$25 and board per month; German preferred. O. R. Demmler, Eau Claire, Wis.

For Sale.

350 feet four-inch Cast Iron Pipe, Two four-inch Valves, Expansion Tank with three holes, And other Fittings.

All in first class condition. Most of the pipe in long lengths, 10 and 15 iron joints. The whole complete F. O. B. here for \$50.

500 feet four-inch Heavy Steam Pipe, various lengths, in good condition, at \$25 per 100 feet.

CRITCHELL'S,

110 East Fourth St., Cincinnati, O. B. P. CRITCHELL, Manager. Mention The Review when you write.

5,000 Begonia Rex and 5,000 Primroses, EXTRA FINE.

POT PLANTS.

Table listing various plants and their prices. Includes Begonia Rex, English Ivy, Manettia bicolor, GERANIUMS, Impatiens Sultana, Primrose, Chinese, etc.

ROOTED CUTTINGS.

Table listing rooted cuttings and their prices. Includes GERANIUMS, Abutilon Var, Begonia Rex, Incarnata Gigantea, etc.

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. .

Mention The Review when you write.

Burpee's Seeds Grow

1899 CONTRACTS 1899

Now I am open to quote prices on all Bulbs, Plants and Roots for next season. Send in your list of wants for quotations.

F. W. O. SCHMITZ, JERSEY CITY, N. J.

Mention The Review when you write.

The Annual Convention Number of the Florists' Review will be issued August 17.

Fine Strong Plants FOR STOCK

- Geranium Mme. Jaulin, 3-in., \$5.00 per 100. The Peach Pink Bruant. Mme. de la Roux, all sold. Abutilon Savitzii, 3-in., \$5.00 per 100. A grand bedding plant, grows dwarf and bushy—capital plant to use with Crotons. Russelias Multiflora and Elegantissima, 2 1/2-in., \$2.50 per doz. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy. Browalia Gigantea, all sold. Acalypha Sanderii, all sold.

READY NOW.

THE COTTAGE GARDENS, Queens, N.Y.

PEACOCK'S New Dahlias

For 1899—Best New Varieties. Best Old Varieties.

Send for our New Illustrated Trade List before ordering elsewhere. Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequalled record.

Best New and Standard Carnations—Beautifully illustrated and accurately described in our Trade List. Send for copy.

Surplus Stock of Mixed Dahlias—At right price. Also Dahlias under color. Correspondence Solicited.

W. P. PEACOCK, - Atco, N. J. Mention The Review when you write.

RUBBER HOSE

For Florists, Seedsmen, Nurserymen, Gardeners, Etc.

SPECIAL NOTICE.

If you want Rubber Hose that will give best service and last longer than any other hose, we advise you to purchase from us.

3/4-in. 10 ply Special Hose, at \$20 per 100 ft. 1/2-in. 7 ply Special Hose, at \$15 per 100 ft. Made in 25 ft. and 50 ft. lengths, with couplings attached.

MANUFACTURERS' RUBBER CO., 45 Vessey Street. New York City. Mention The Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

WHOLESALE PRICE LIST OF

Bulbs and Florists' Flower Seeds

Now ready and mailed on application.

J.M.THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention the Review when you write.

Sago Palms.

We have a very fine lot of this popular Palm in all sizes from \$4.00 up to large plants. All well grown, perfect plants.

Can be sent by freight safely anywhere where they will get through inside of six days. Will send one dozen assorted sizes up to the best for \$10.00; half doz., \$5.50. This is a money maker for Summer and Fall sales.

LATANIA BORBONICA.

Nice stock, 2 1/2-inch pots, ready to shift into 3-inch pots, \$5.00 per 100; 3-inch, ready for 4-inch, \$7.50 per 100; 4-inch, ready for 5 or 6-inch, showing 2 to 3 character leaves, \$15.00 per 100. Will make very fine stock for Fall sales.

Cash with order, please.
Satisfaction guaranteed.

CRITCHELL'S, 110 East 4th St., CINCINNATI, O.

B. P. CRITCHELL, Manager.

Mention The Review when you write.

BEGONIAS.

Extra strong plants, from 2-inch pots.

ARGENTIA GUTTATA.....per 100,	\$2.00
VERNON, red or White	2.00
ALBA PICTA	2.00
THURSTONII	2.00
RUBRA	2.00

Mixed sorts, many varieties.

CASH PLEASE.

EDWARD B. JACKSON
STAMFORD, CONN.

Mention The Review when you write.

SEND your advertisement now for our annual Convention Number, which will be issued Aug. 17.

Simplicity in Greenhouse Construction.

During our long experience we have not only made many improvements in greenhouses, but we have so simplified the construction that building a greenhouse is no longer a matter so full of complications as to tax the patience and the ingenuity of even the most intelligent mechanic. Our

Clear Cypress Building Material

is worked out in the best manner ready to be put up, and we furnish our customers such complete detail drawings that any workman of only ordinary capabilities can put it up correctly.

Write for Circulars or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

WE HAVE LEFT THE FOLLOWING

Choice Rose Plants

THAT ARE AS NICE AS CAN BE GROWN IN EVERY WAY, which we are anxious to sell at a very low price to make room.

We guarantee them first class in every respect.

4,000 Beauties, 3-inch pots, at 5 cts.	2,300 Brides, 3-inch pots, at 4 cts.
1,400 Bridesmaids, 4 " 5 cts.	500 Brides, 2 " 2 cts.
2,000 Bridesmaids, 3 " 3 cts.	1,600 Meteors, 3 " 3 cts.
6,500 Bridesmaids, 2 " 2 cts.	500 Meteors, 2 " 2 cts.
700 Brides, 4 " 5 cts.	

All stock is free from disease, strong and healthy.

Shipments to be made from our Greenhouses at Hinsdale, Illinois.

Bassett & Washburn, 78 Wabash Ave. Chicago.

Mention The Review when you write.

ASPARAGUS PLUMOSA NANA,

2 1/2-inch pots, \$6.00 per 100.

ASPARAGUS SPRENGERII, 2-in. pots, \$5.00 per 100.

CYCLAMEN, 4 distinct varieties, Sept. sown and in excellent condition, 2 1/2-in. pots, \$5.00 per 100.

PRIMULA OBCONICA. Extra strong, ready for 5-inch pots, \$6.00 per 100.

ROSES. The Bride and Mermet, extra strong, 3 1/2-inch pots, \$6.00 per 100.

SMILAX, from 2 1/2-inch pots, extra strong Winter sown, ready to run as soon as planted, \$2.50 per 100.

NATHAN SMITH & SON, Adrian, Mich.
Mention The Review when you write.

Morgans, Bride and Maid, per 100, \$2.00.

Rubber Plants, 4-inch pots, 10 to 12 inches above pots, per 100, \$15.00.

Adiantum Cuneatum, 2 1/2 and 3-inch pots, per 100, \$5.00.

GROVES BROS., CARTHAGE, Ohio.
Mention The Review when you write.

Pandanus Veitchii.

6-inch pots, \$12.00 a dozen.
7-inch pots, 15.00 a dozen.
8-inch pots, 24.00 a dozen.

Stock is in excellent condition.

JOHN WELSH YOUNG,
Upsal Station, Penna R. R. GERMANTOWN, PA.
Mention The Review when you write.

ROSES That will pay for themselves

in six weeks after planting. Big, bushy plants, selected and grown expressly for our own use. A few thousand to spare from 3 1/2 and 4-in. pots, \$5.00 per 100, Meteors, Brides, Maids and La France. Kaiserin, extra fancy, 3 1/2 inch, 6c.

Smilax, extra strong, 2-in., \$1.00 per 100.

Latania Borbonica Palms, strong, 5-in., \$4.00 per doz.

Cyperus Alternifolius (Umbrella Plant), strong, 3 and 4-in., \$1.00 per doz.

CASH WITH ORDER.

SOUTH SIDE FLORAL CO., - Springfield, Ill.
Mention The Review when you write.

ONLY 1000 2 1/2-inch Beauties,
1000 2 1/2-inch Woottons,
500 2-inch Brides,
2000 3-in. Smilax,

All at a Bargain. Write

GEO. A. KUHL, - Pekin, Ill.
Mention The Review when you write.

LAST CHANCE.

A few more thousand BRIDES and MAIDS, 3-inch and 3 1/2-inch pots. Fine plants. Will close at \$15.00 and \$20.00 per 1000.

Morton Grove Greenhouses,
PAUL KREISMANN, 27 Market St., CHICAGO.
Mention The Review when you write.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention the Review when you write.

ST. PAUL.

We are in the midst of a severe drouth and outside stock suffers accordingly. Sweet peas are badly pinched, with blooms becoming scarcer each day. Carnation plants in the field have stood the dry weather well so far, but must have rain soon to insure strong, stocky plants for September planting. Trade has been quiet, though there has been enough funeral work to use up the roses and carnations. Some very good asters are being brought in, though the drouth has cut them short also. Auratum, rubrum and album lilies are also in and are very pretty for funeral work. The growers are about through with their planting.

The florists of St. Paul and Minneapolis will go to the Detroit convention via the C. G. W. R. R. and Wabash railroad from Chicago. The delegation will leave here Sunday night, August 13, and join the Chicago contingent at the latter place Monday noon. Low rates have been secured and a good time is assured. All florists in the state and in the Northwest are cordially invited to go with us. For further particulars address S. D. Dysinger, State Vice-President, 381 Minnesota street, St. Paul.

X. Y. Z.

THE AMERICAN CARNATION SOCIETY.

In order not to conflict in any manner with the work of the S. A. F. at Detroit the time of meeting of this society will be announced from the platform on Tuesday morning.

Signed: W. P. Craig, President.
Attest: ALBERT M. HERR, Sec'y.

BROOKLYN, N. Y.—A. L. Miller, who makes a specialty of growing Dahlia Camelliaeflora in pots, will add two more houses to his range.

PATERSON, N. J.—The firm of Van Voorhies & Smith, florists, was dissolved by mutual consent July 19. James A. Van Voorhies withdraws and the business will be continued by Robert Smith under the name of Robert Smith & Co.

REINBERG BROS.
Wholesale Growers of
Cut Flowers
Wholesale Price List.
800,000 FEET OF GLASS.
No charge for packing.

AMERICAN BEAUTY			
24-inch stem	per doz.	\$2.50	
20	"	2.00	
15	"	1.50	
12	"	1.25	
8	"	1.00	
METEOR per 100, 3.00 to 4.00			
BEIDESMAID " 3.00 to 4.00			
BRIDE " 3.00 to 4.00			
PERLE " 2.00 to 3.00			
CARNATIONS " 1.00 to 1.50			

Quotations subject to change without notice. All other stock at lowest market prices.

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine
AMERICAN BEAUTIES.
51 Wabash Ave., CHICAGO

We now close at 5:30 p. m. Sundays and Holidays at noon.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of
and Dealers in **CUT FLOWERS**
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

W. E. LYNCH
Wholesale Florist,
19-21 E. Randolph St. CHICAGO.
Mention The Review when you write

A. L. RANDALL
Telephone 1496 Wholesale Florist
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
Mention the Review when you write

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St., CHICAGO.
Mention the Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

H. Berning
WHOLESALE FLORIST,
1322 Pine Street, ST. LOUIS, MO.
Mention the Review when you write.

ELLISON & TESSON,
WHOLESALE SHIPPING
FLORISTS
3134 Olive Street, ST. LOUIS, MO.
...Home Grown Stock...
Mention the Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of **CUT FLOWERS** at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.
Mention The Review when you write.

Cincinnati Cut Flower Co.
W. A. MANN, FRANK W. BALL.
416 Walnut St. Wholesale Florists
CINCINNATI, O.
Consignments Solicited. Special Attention Given to Shipping Orders.
Mention The Review when you write.

IF WE HAVE NOT GOT IT
YOU MAY BE SURE IT IS NOT TO BE HAD.

KENNICOTT BROS. CO.

CHICAGO.

42 AND 44 RANDOLPH STREET.



51 Wabash Ave., Chicago.

W. S. HEFFRON, Mgr.

Mention The Review when you write.

WIRE
Rose Stakes,
Straight or Looped
and Pointed.
ALSO
THE MODEL EXTENSION
CARNATION SUPPORT.

Lancaster, Pa., June 17, 1899.
Mr. Theron Parker,
Dear Sir: Your Model Carnation
Support is all right in every way, and
will no doubt be considered as necessary
as good plants with growers when
better known. I consider it the best in
the market, and if your other specialties
are as good they should make another
addition to the money-makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on
application to

The Model Plant Stake Co.

226 No. Ninth Street,
BROOKLYN, N. Y.

Mention the Review when you write.

THE MODEL PLANT STAKE. For Lilies and All Pot Plants.

THE MODEL ROSE STAKE, LOOPED AND POINTED.

30,000 SMILAX, from 2-in. pots, fine strong
plants, \$1.50 per 100; \$13.00
per 1000. Hydrangea Otaksa from 4-in. pots, \$8.00
per 100. Cash with order.

FRED BOERNER, Cape May City, N. J.

Mention The Review when you write.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES:

We have the
LARGEST WHOLESAL
House in Chicago.

Orchids, High-Grade Roses,
Carnations and Violets.

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

WESTERN HEADQUARTERS FOR..... FLORISTS' SUPPLIES,

PALMS, FERNS,
WIRE WORK, CUT FLOWERS, ETC.

Use MASTICA for Building and Repairing your Greenhouses.

Write for samples and prices of our

Improved Folding Cut Flower Box.

ELLIS & POLLWORTH, - MILWAUKEE, WIS.

Mention The Review when you write.

We are now gathering our new

Sphagnum Moss

for the Florist trade and will have none but
the best. Give us a trial order and see if we
do not send you just what you need. Will
quote prices as low as possible on live Sphag-
num for growing Orchids, etc.

Z. K. JEWETT & CO., - SPARTA, WIS.

GOLD FISH and AQUARIUM SUPPLIES.

Send for
Price List.

KEENAN'S
SEED
STORE.

6112 and 6114
Wentworth Avenue,
CHICAGO

CARNATION Cuttings ALL SOLD.

Field-grown Stock for Fall Delivery.

F. DORNER & SONS CO., La Fayette, Ind.

Mention The Review when you write.

Rooted Cuttings of Carnations ALL SOLD.

We are booking orders for
Field Grown Plants.

GEO. HANCOCK & SON, Grand Haven, Mich

Mention the Review when you write.

DREER'S NURSERIES.

We present herewith an excellent view of the greenhouses and part of the grounds of the firm of Henry A. Dreer, at Riverton, N. J., that will surely be of very general interest, for who in the trade has not heard of or had dealings with this old established firm whose name is synonymous with fair and honest dealing?

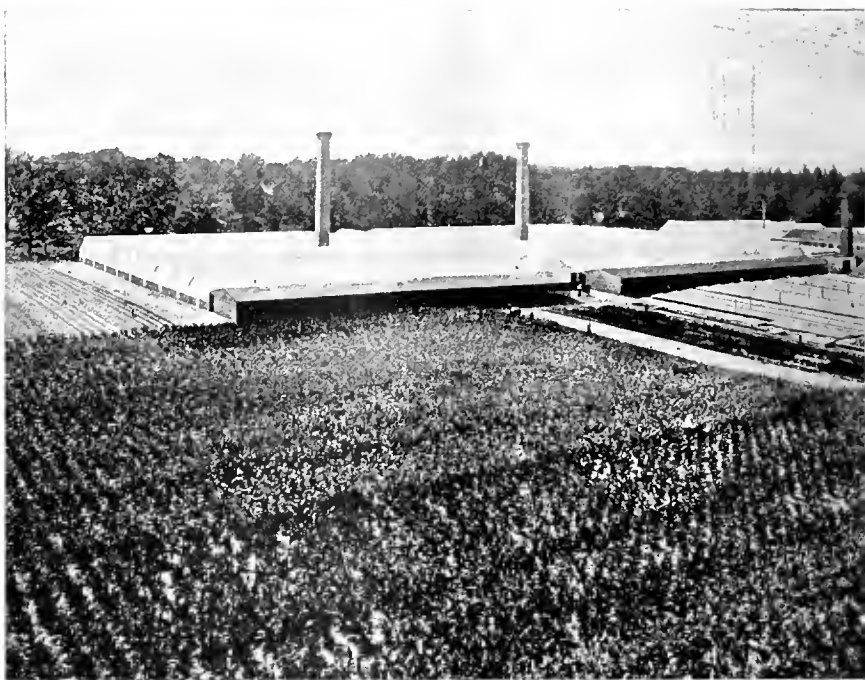
As is known to all the headquarters and general offices of the concern are in Philadelphia, but the greenhouses and nurseries at Riverton are always an objective point with the trade visitor, where are to be seen not only acres of palms and other decorative plants, but house after house containing stocks of all the novelties and standard varieties in about every line of ornamental plants grown by the florist or private gardener. The firm is now adding about 50,000 feet of new glass, which is of course not shown in the picture. At the right we catch a glimpse of some of the oblong aquatic ponds which have of late years been such an attraction to visitors, and beyond is the Delaware river.

The business was established by Henry A. Dreer in 1838, sixty-one years ago. The first store occupied was at 97 Chestnut street (old style numbers); in 1848 the store was removed to No. 59 Chestnut street; in 1858 to No. 117 Chestnut street (new number, 327), and in 1863 the present roomy and attractive building, No. 714 Chestnut street, was bought and adapted to the needs of the rapidly increasing business. Thus for sixty-one years the house has been located on the principal business street of Philadelphia.

Mr. Henry A. Dreer died in December, 1873, leaving to his son, Mr. William F. Dreer, the task of developing the seed and nursery establishment and of fostering the valuable trade created by a lifetime of patient and conscientious effort. The quarter century which has since intervened has been full of busy years, and the present magnitude of this establishment bears witness to the faithfulness with which the trust has been fulfilled.

The Riverton Seed and Plant Farm covers one hundred acres. The distance from the city is but nine miles by either rail or steamboat. The nurseries were established at this location in 1868, land in the city having so increased in value as to be no longer available, and had then greenhouses containing about 20,000 feet of glass.

Since 1886 an increase of one hundred and eighty thousand feet of glass has been added, giving a total of over two hundred thousand square feet, or five acres, with two acres in addition covered by packing sheds, cold storage and lath houses. The heating of the greenhouses is by twelve boilers, having a capacity of seventy-five hundred horse-power, both steam and hot water being used. The consumption of



Bird's-Eye View of

coal in a winter season amounts to about two thousand tons. Over sixteen miles of pipes are used in radiating the steam and hot water.

In conducting this establishment, seventy men are employed, and in the spring and during the busy season as many as eighty-five are required at the nurseries; at the store about thirty persons are engaged. The management of the nursery is vested in Mr. Jacob D. Eisele, who has risen from the ranks, having begun as a boy in 1876. He is assisted by Mr. George A. Strohle, both of whom are members of the board of directors.

It may be interesting to conclude with the personnel of this business. After the death of the founder, Henry A. Dreer, in 1873, the business was conducted by his son, William F. Dreer, who became associated with his father in the concern in 1865. In 1892 the business was incorporated under the laws of the State of New Jersey, with William F. Dreer as president, who still continues at its head. Mr. Herbert G. Tull, who came to the house in 1880, is the secretary and treasurer.

The management of the store department is in the hands of Mr. J. Otto Thilow, who has been connected with the house since 1884. The flower seed and bulb department is under the management of Mr. George D. Clark, who has had twenty years' experience in the business. The shipping department is in charge of Mr. William Duffy, who began his business career with the house in 1886.

Nearly all the managers connected with the house are practical garden-

ers, or began as boys in the establishment. They are also generally identified in the success of the business in holding shares of stock in a corporation which was formed for corporative purposes, all of which are held by the managers.

Among the traveling representatives of the house is the ever genial and ever welcome Walter Mott, whose friends are found in every greenhouse in the land.

HARTFORD, CONN.

That there is good ground for the opinion of many prominent sweet pea growers that the flower is deteriorating in the United States, was made evident by the sweet pea exhibition of the Connecticut Horticultural Society which was held in Hartford, July 25 and 26.

Those who have had the crack exhibits of sweet peas in former years were conspicuous by the absence of their flowers this year, and although there was much more sweet pea seed sold in this vicinity than in previous years, good results were attained in only a few cases, and the general report was but one word from the disappointed growers—failure.

Rev. W. T. Hutchins, of Indian Orchard, Mass., the well known sweet pea specialist, who was to judge the exhibition, was unable to be present on account of ill health. He sent, however, a fine display, considering the season. S. T. Walker, of Forest Grove, Oregon, was represented by his trial varieties of sweet peas, grown by different members of the society.



Greenhouses and Grounds of Henry A. Dreer, Inc., at Riverton, N. J.

These varieties for the most part had good vitality, and several were especially promising, notably, "C," "F" and "S."

Eckford's 1900 set was exhibited, all the seven varieties are very fine. The most popular seemed to be Hon. F. Bonverie, Lady Grisel Hamilton and Mrs. Dugdale. Navy Blue, sent out this year by Burpee, and Eckford's Sadie Burpee, are notable additions to the large list of very fine sweet peas, and were well represented at the show.

The Burpee prize for the best collection was awarded Mrs. J. Copperberg for a collection of blooms which the judge pronounced the finest sweet peas he had ever seen in America. Royal Rose, Stanley, Aurora, Salopian, Venus, Lovely, Mrs. Eckford, Capt. of the Blues, Grey Friar, Maid of Honor and new Countess were the most prominent.

Burpee's hush sweet pea was shown grown in a pot. It was a very good specimen of this novelty and showed the characteristic habit of the plant, but unfortunately it was not in bloom.

Among the good exhibits of nasturtiums were to be seen the beautiful new varieties introduced by W. Atlee Burpee & Co., Sunlight and Moonlight, as well as Caprice. The two former were awarded the Burpee prize.

Allegheny hollyhocks were judged the best, and certainly this is a fine strain. H. A. Dreer, of Philadelphia, is the introducer.

Vaughan's *Centaurea amer. alba*, a large white flowered variety, was shown and admired. Dahlia, Wm. Agnew, the first bloom on a plant

grown in Jadoo fiber and soil outside, from one tuber and to the "single stem branching system," advocated by Mr. Peacock, measured seven inches across. Tuber was secured in a collection from The Dingee & Conard Co., West Grove, Pa.

There were no Jadoo prizes awarded and no entries. The writer is more than ever convinced of the efficacy of Jadoo to replace rotted manure for sweet peas. The rows in which Jadoo was used show good plants about 36 inches high, while those planted with rotted manure are not half that height. The only crop gathered as yet have been lice, and they were gathered to their fathers with a vengeance, but as many more seemed to come to the funeral. Now, the plants are almost clean of these pests, and the best remedy found was the garden hose with spray as strong as the plants would stand without breaking.

Some fine cannas were shown. Papa was the finest. The society owes much to Messrs. Wirth & Vidbourne, of Elizabeth Park, for their splendid exhibits of cannas, dahlias, sweet peas, hardy plants, etc.

There was an interesting talk on sweet peas the first evening by Rev. Magee Pratt, who is an enthusiastic amateur and fully merits the high regard we have for his opinions on floral topics. He holds, with several other prominent sweet pea amateurs, Rev. W. T. Hutchins among them, that the California grown sweet pea seed is inferior to that grown in England, New Hampshire, Maine or similar climate, and that unless there is

a radical change in the seed growing industry the flower is doomed. It seems to resolve itself into this—we will have to get a moister and cooler climate for the growing of sweet peas for seed than California affords. New varieties, given out with fine vitality, steadily decrease in value from year to year after being propagated in California. Numerous instances of this might be mentioned—Mrs. Gladstone is a good example. Five years ago this variety produced very long stemmed sprays with sometimes five blooms on a spray. Now it can hardly be had with three blooms and a stem eight inches long. Several amateurs, who have given the subject much thought, are advocating planting "Kent-grown" sweet pea seed as being the best way to get their vines with the desired vitality and three months' blooming period. Surely the last three years have made many sweet pea growers disheartened for their favorite flower, and the question of how to save it is well worth all the discussion possible, by meetings of the growers, and by the prominent floral trade papers.

The society invites all dahlia dealers and amateurs to write for particulars of prizes, etc., to be awarded at the exhibition, Sept. 6, 7 and 8. It is intended to make this show a prominent one for dahlias and gladioli, and will be widely advertised and noticed.

R.

SALT LAKE CITY, UTAH.—Burton Morris, the florist, was killed in a shooting affray July 17.

STEAM HEATING.

Please tell me how many lines of 1½-inch pipes I need to heat a carnation house 23 feet wide, even span, 11½ feet to the ridge, and 4-foot wall, with steam. Outside temperature sometimes goes as low as 30 degrees below zero.

How can I arrange pipes next to the wall without having main pipe through the top of the house, and what size should this pipe be for a house 85 feet long? H. S.

In reply to the inquiry of H. S. relative to the steam heating of his greenhouse, he proposes, as I understand, to run pipes on the outer sides only. This will not give as even warmth as if some of the surface is distributed under the central benches.

If he decides to place the surface on the outer sides only, and wishes to avoid the running of any overhead pipes, he should carry the steam mains as high on the posts as possible, giving a fall to the end of the house farthest from the boiler, and then return on a lower level, still falling all the way back to the boiler.

For maintaining 50 degrees on coldest nights he will require (assuming that he uses one and a half inch pipe) ten lines, five on each side. He would get much better results, however, by using smaller pipes, say fifteen lines of one-inch pipe, eight on north side and seven on south side.

For carrying steam to these coils from the boiler he will need a two-inch steam pipe and one and a half return to each side of the house. The same size mains will answer for the 85-foot house.

HENRY W. GIBBONS.

MILWAUKEE.

Bowling.

The following scores were made at the regular meeting of the Milwaukee Florists' Bowling Club, Friday, July 28:

	1.	2.	3.	Av.
C. C. Pollworth	158	198	138	165
Wm. Edlefsen	101	176	121	134
V. Hankel	169	126	128	138
M. Reitz	57	92	85	78
A. Klokner	88	98	91	92
P. Holton	138	96	157	130
W. A. Kennedy	79	47	92	73
N. Zweifel	113	112	115	113
A. Mathers	119	105	101	108
W. Zimmer	73	105	90	89

GEO. W.

MINNEAPOLIS.

The following scores, made at the last meeting, show a great improvement. E. Nagel carried off the medal, with John Monson a close second:

	1.	2.	3.	4.	5.	Av.
Nagel	153	150	165	174	148	158
Monson	167	149	116	197	130	156
Hoppy	149	150	136	..	..	145
Hoffy	149	159	133	..	..	145
Swahn	125	115	119	136	139	137
Hartman	140	136	149	118	132	135
Lynes	114	119	132	152	129	131
Bush	100	95	126	107

N.



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American Beauty, 24-inch stem	per doz.	\$2.50	Meteor	per 100	\$3.00 to \$4.00
" 20 "	"	2.00	Bridesmaid	"	3.00 to 4.00
" 15 "	"	1.50	Bride	"	3.00 to 4.00
" 12 "	"	1.25	Perle	"	2.00 to 3.00
" 8 "	"	1.00	Carnations	"	1.00 to 1.50

We close at 5:30 p. m. during July and August.

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50,000 FIRST QUALITY FORCING ROSES. READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last seven years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

LA FRANCE	AMERICAN BEAUTY	PRESIDENT CARNOT
3-inch pots, \$8.00 per 100;	3-inch pots \$12.00 per 100;	4-inch pots \$10.00 per 100.
METEOR, BRIDESMAID, MERMET, PERLE, KAISERIN, MME. HOSTE, BRIDE,	GRAFTED ROSES,	BRIDESMAID, KAISERIN, PRESIDENT CARNOT,
3-inch pots, \$7.00 per 100, 4-inch pots, \$10.00 per 100.	3½-inch pots, \$15.00 per 100.	

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Just received in fine condition.

CATTLEYA LABIATA, C. Mossia, C. speciosissima, C. Harrisonae violacea, C. Warnerii, C. granulosa, Laelia anceps, L. a. alba, L. autumnalis, L. praestans, L. Dayana and Burlingtonia fragrans.

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Fine plants, out of 2-in. pots, \$1.25 per 100; \$10.00 per 1000.

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From flats or transplanted. Write for prices.

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SEND advs. early for our **Convention Number**

to be issued August 17. It will contain a report of the Detroit Convention and will be widely circulated to the trade.

CHRYSANTHEMUMS....

Standard Varieties nearly sold out. See Review of July 27th for Novelties.

H. Weber & Sons, OAKLAND, MD. Mention the Review when you write

ANTON SCHULTHEIS, P. O. Box 78, College Point, Queens Borough, N. Y. HEADQUARTERS FOR PALMS and Decorative Plants in Quantity Come, see Ericas (Heather), also Full and complete Line of Other Flowering Plants vice yourself. Price List on Application.

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PRIMROSE.

Per 100 CHINESE PRIMROSES, single, mixed, 2-in. pots, \$2.00 Obconica Grandiflora, 2-in. pots, 2.50 Rosea, August 1st, 3.00 Forbesi, "Baby Primrose," 2-in. pots, 4.00 ASPARAGUS SPRENGERII, 2 1/2-in. pots, 4.00 50 Bridesmaids, 100 Brides, 2 1/2-in. pots, 2.50 CASH, No C. O. Ds.

JOS. H. CUNNINGHAM, Delaware, O. Mention The Review when you write.

ROSES. Carnations VALLEY FERNs. GALAX, and IVY LEAVES, and all kinds of Seasonable Flowers in Stock.



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Strings 10 feet long. 50 cents. Shipped to any part of the country.

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A magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house.

3 good plants from 2-in. pots, mailed for \$ 1.00 100 " " 3 " expressed " 40.00 100 " " 4 " extra fine, 60.00

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From frames, 25 cents a doz.; \$1.00 per 100.
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325 large clumps. Asparagus Plumosus Nanus. One year saved to anyone requiring Asparagus for planting out for strings. \$2.00 per doz.; \$25.00 per 100. Asparagus Sprengerii, just right for planting in bed for cutting or for repotting into baskets. 4-inch pots, \$2.00 per doz.; \$15.00 per 100. 5-inch pots, \$3.00 per doz.; \$20.00 per 100.
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Asparagus plumosa nana, per 100, 2½-in., \$6.00; Asparagus Sprengerii, 2-in., \$5.00.
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Specimen plants from \$1.00 each up.
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Half specimens and specimens, from 4 to 10 feet high.
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5000 Begonia Rex. Assorted, 2½-inch, \$4.00 per 100; Named, \$5.00 per 100. Tuberous rooted, 2½-inch, \$5.00 per 100. Rooted cuttings: Rex, \$2.00 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D.
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Very strong plants, from 2-inch pots, \$2.00 per 100; Argentea guttata, Vernon (red and white), Alba picta, Thurstonii, rubra, or mixed sorts. Cash please.
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10 flowering varieties, mixed, \$2.00 per 100.
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Strong, thrifty 2½-inch plants, double white and pink, \$4.00 per 100; single varieties, \$3.00 per 100.
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Freesia Bulbs, for immediate delivery. Select mammoth bulbs, \$6.00 per 1000; First size, \$5.00 per 1000; second size, \$4.00 per 1000. California grown.

Calla Bulbs, select California grown. First size, 1¼ to 1½ in. diam., \$5.00 per 100; Select, 1½ to 2 in. diam., \$7.00 per 100; Extra select, 2 to 3 in. diam., \$9.00 per 100. Order now.
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Freesia refracta alba, ¾-1-inch diam., 100, 40 cts.; 1000, \$3.00; 1½-2-inch, 100, 60 cts.; 1000, \$4.75, delivered. French Roman Hyacinths, 12-15, 100, \$1.50; 1000, \$13.50. Lil. Harrisi, 5x7, \$4.50; 1x9, \$9.00; 9x11, \$15.00 per 100.
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Calla Lily Bulbs. Splendid stock for immediate delivery. 3 to 4-inch bulbs, \$4.00 per 100; \$35.00 per 1000; 4 to 6-inch bulbs, \$7.50 per 100; \$60.00 per 1000; 6 inches and over (Mammoth bulbs), \$10.00 per 100.
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Freesia alba, ¾-inch diameter and up, \$3.00 per 1000; 1½-inch and up, \$5.00 per 1000 small bulbs. I guarantee all to bloom, as I have tried them. C. Ammann, 7th Ave. & 129th St., N. W. York City.

Wholesale price list of bulbs now ready and malled upon application. J. M. Thorburn & Co., 26 Cortlandt St., New York City.

And High, best and earliest Daffodil, for forcing. Write for price to Mrs. I. W. Kersey, Haywards, California.

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Home grown lilies, about 50 kinds, also Trillium and other hardy bulbs and plants.
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California grown bulbs. Send for our special trade list.
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Field grown plants. Orders booked now for strong healthy plants of the following: 500 Flora Hill, 1000 Silver Spray, 500 McGowan, 1000 Ivory, 500 Goldfinch, 500 Eldorado, 1000 Emily Pierson, 500 Morello.
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Best new and standard carnations, beautifully illustrated and accurately described in our trade list. Send for copy.
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If you are going to be short on carnations this fall and want good stock, I have over 25,000 to select from. Send for estimates.
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Field grown plants, ready August 15, extra fine this year. We can fill orders for any variety if we get them soon enough.
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Don't wait to get what your neighbor don't want, but write immediately to Isaac A. Passmore, Route 4, West Chester, Pa.

Rooted Cuttings all sold. We are booking orders for field grown plants.
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New red hybrid carnation Vulcan. In full bloom, 4-in. pots, \$1.50 per doz.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

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CHRYSANTHEMUMS.

Dolores, Frank Hardy, L. H. Spaulding, Yellow Fellow, Philadelphia, from 2½-inch pots, \$6.00 per 100.

Cullingford, Gladys Spaulding, Helen Bloodgood, Harry May, J. E. Lager, J. H. Troy, Laredo, Miss G. Pitcher, Marlon Henderson, Major Bonaffon, Mrs. S. Humphreya, Mrs. McK. Twombly, Marguerite Graham, Mrs. J. G. Whildin, Mrs. H. Robinson, Niveus, Thoa. H. Brown, W. H. Lincoln, from 2½-inch pots, \$3.00 per 100; \$25.00 per 1000.

Ada Spaulding, Belle of Castlewood, Benj. M. Glroud, Chito, Dorothy Toler, Dorothy Devens, Eureka, Golden Trophy, G. F. Atkinson, Golden Wedding, J. H. Woodford, Iora, Mme. Bergmann, Modesto, Minerva, Midge, Mrs. R. D. Douglas, Miss Helen Wright, Maud Adams, Mrs. S. T. Murdock, Miss M. M. Johnson, May Flower, Nemesis, Pitcher and Manda, Pink Ivory, Riverside, Rose Owen, T. B. Morse, Western King, 2½-inch pots, \$4.00 per 100; \$30.00 per 1000.

Wood Bros., Fishkill, N. Y.

Surplus stock of Chrysanthemums, Dalle-douze, Modesto, Mrs. Fred L. Rutton (early white), Mme. Andre, Harry Balsley, Mrs. Weeks, Frank Hardy, Glory of Pacific, Pink Ivory, Golden Wedding, Pennsylvania, Empress of India, Lady Fitzgram, Major Bonaffon, Mrs. Henry Robinson, Jerome Jones, Yellow Jerome Jones, Mme. Bergmann, Merry Xmas and others. All the above in 2 and 3-inch pots and fine, 2½ cents each, or \$20.00 per 1,000. Cash with order.
Joy & Son, Nashville, Tenn.

100 fine healthy chrysanthemums from 4-inch pots; 20 named varieties, all the latest and best, \$5.00 for the lot. Cash with order.
C. Lawritzen, Box 262, Rhinebeck, N. Y.

In good variety, from 2½-inch pots, \$2.00 per 100. Cash with order.
R. Vincent, Jr. & Son, White Marsh, Md.

Ivory and other good varieties, \$2.50 per 100; \$20.00 per 1000.

Henry Smith, Grand Rapids, Mich.

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CLASSIFIED PLANT ADVERTISEMENTS CONTINUED.

Standard varieties nearly sold out. See Review of July 27th for novelties.
H. Weber & Sons, Oakland, Md.

CINERARIAS.

5000 Cinerarias, 2 1/2-inch, \$2.50 a 100.
J. D. Brenneiman, Harrisburg, Pa.

C. hybrida, mixed, 2 1/4-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

COLEUS.

Verschaffeltii, Golden Bedder, etc., 2 1/2-in. doz., 30 cents; 100, \$2.00.
Seawanhaka Greenhouses, Oyster Bay, N. Y.

Leading sorts, 2 1/4-in., \$3.00 per 100.
Wood Bros., Fishkill, N. Y.

CYCLAMEN.

4 distinct varieties, September sown and in excellent condition, 2 1/2-in., \$5.00 per 100.
N. Smith & Son, Adrian, Mich.

Cyclamen giganteum, finest mixed, 3-in., \$6.00 per 100.
Geo. M. Emmans, Newton, N. J.

CYPERUS ALTERNIFOLIUS.

Fine stock, 2 1/2-in. strong, \$1.50 per 100; \$13 per 1000.
Furrow Bros., Guthrie, Okla.

2 1/2-inch, \$3.00 per 100.
Wm. Schlatter & Son, 437 Bay St., Springfield, Mass.

Strong, 3 and 4-in., \$1.00 per doz.
South Side Floral Co., Springfield, Ill.

DAHLIAS.

Peacock's new Dahlias for 1899. Best new varieties, best old varieties. Send for our new illustrated trade list before ordering elsewhere. Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequalled record. Surplus stock of mixed Dahlias at right price. Also Dahlias under color. Correspondence solicited.
W. P. Peacock, Atco, N. J.

FERNS.

	Doz.	Hun.
Adiantum cuneatum, 3-in. pots....	\$1.00	\$ 8.00
Adiantum cuneatum, 4-in. pots....	1.50	12.00
Adiantum capillus-ven. Leb., 2-in....	50	4.00
Cyrtomium falcatum, 3-inch.....	1.00	8.00
Cyrtomium falcatum, 5-inch.....	2.00	.....
Blechnum orientale, 2-inch.....	50	4.00
Lomaria Gibba, 4-inch.....	1.50	12.00
Pteris serrulata, 2-inch.....	50	4.00
Pteris umbrosa, 4-inch.....	1.50	12.00
Nephrolepis exaltata, 4-in.....	1.50	12.00
Nephrolepis pectinata, 3-in.....	1.00	8.00
Nephrolepis pectinata, 4-in.....	1.50	12.00
Nephrolepis Philippinensis, 4-in....	1.50	8.00

As we are continually being asked for Nephrolepis Bostoniensis (Boston fern) would say that we have about 10,000 that will be ready for 5 and 6-inch pots this fall, and we will book orders for these at \$3.00 and \$5.00 per dozen, for delivery Aug. 1, but they are not yet ready for shipment.
Geo. Wittbold, 1708 N. Halsted St., Chicago.

Boston Ferns. Finest stock in the country; large plants from bench. Can be grown into \$2.00 and \$3.00 plants for winter trade, \$6.00 per doz. Special price on large quantities. 2-inch pots for September delivery, \$5.00 per 100; \$40.00 per 1000. Also large stock of established plants in pots and pans, send for price list. Small ferns assorted in best varieties, \$5.00 per 100 \$40.00 per 1000. Fern Spores, Saved at the United States Exotic Nurseries. All the leading varieties, 50 cts. per trade pkt. Mixed Spores, sufficient for 3,000 plants, \$1.00, postpaid
E. C. McFadden, Short Hills, N. J.

Nephrolepis Washingtoniensis, a magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house. Three good plants from 2-inch pots mailed for \$1.00; 100 good plants from 3-inch pots expressed for \$40.00; 100 extra fine plants from 4-inch pots, \$40.00.
John H. Ley, Good Hope, D. C.

100 Lygodium scandens mailed for \$1.00. This sells better than smilax on strings and is a fine pot plant on stakes. 1000 for \$8.00 by express.
John H. Ley, Good Hope, Washington, D. C.

Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rate.
Wm. A. Bock, No. Cambridge, Mass.

100 plants of Adiantum Cuneatum in 9 and 10-in. pots, large plants. Will sell cheap for cash. Crop now on will pay more than cost of plants. Thos. Capers, Wellesley Hill, Mass.

Nice growing, thrifty stock. Adiantum cuneatum, \$4.00 and \$5.00 per 100. Will exchange for seedling Pandanus utilis and Areca lutescens palms.
Titus Berst, Erie, Pa.

Fern spores, fresh greenhouse collected. Alsophila australis or Australian tree fern. 1/2 trade pkt., 60c; trade pkt., \$1.00.
Floracroft Gardens, Moorestown, N. J.

Pteris tremula, Pteris serrulata, 2 1/4-in., \$3.00 per 100. In fine condition.
Wm. Schlatter & Son, 437 Bay St., Springfield, Mass.

Fern Balls, Japanese. Greatest money makers. Send for circular.
H. H. Berger & Co., 47 Barclay St., New York.

Pot and bench grown Boston ferns. Orders booked for fall delivery.
A. J. Baldwin, Newark, Ohio.

Adiantum cuneatum, 2 1/2 and 3-in., \$5.00 per 100.
Groves Bros., Carthage, Ohio.

FUCHSIAS.

10 varieties, mixed, 2 1/4-in., \$2.00 uper 100.
Morris Floral Co., Morris, Ill.

Double and single, 2 1/4-inch, \$3.00 per 100.
Wood Bros., Fishkill, N. Y.

GERANIUMS.

Sweet scented, Mrs. Pollock, Pansy, 2 1/4-inch, \$4.00 per 100; Mrs. Parker, 2 1/4-inch, \$6.00 per 100. Rooted cuttings: Assorted, \$1.50 per 100; mixed, \$1.25; Mara, Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Silver Leaf, Rose scented, Ivy, \$1.50; Mrs. Parker, Freak of Nature, \$4.00; Mme. Sailerol, \$1.25. Cash or C. O. D.
Greens & Underhill, Watertown, N. Y.

First-class assortment, from 2-in. pots, \$3.00 per 100; 3 1/2-in. pots, \$6.00 per 100; 4-in. pots, \$8.00 per 100. Geranium Mars, stock plants, \$3.00 per doz. John Reck, Bridgeport, Conn.

Bedding geraniums, 4-inch pots, \$6.00 per 100; 3-inch, \$4.00 per 100. Firat class stock.
Crabb & Hunter, Grand Rapids, Mich.

Mme. Jaulin, the peach pink Bruant, 3-inch, \$3.00 per 100.
The Cottage Gardens, Queens, N. Y.

Geraniums for stock, 2 1/2-in., \$2.50 per 100. Rose geraniums, 2 1/2-in., \$2.00 per 100.
Carl Hagenburger, West Mentor, O.

20 varieties, 2 1/4-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

HARDY PLANTS.

Hardy shrubs, trees, vines, evergreens and perennials. A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap. Trade list free on application.
T. R. Watson, Plymouth, Mass.

Auction sale Aug. 30th, of 60,000 Deciduous Trees, 75,000 Evergreen Trees, also Shrubbery and Vines. This is a clearing out sale of fine young vigorous stock. Nothing reserved. Ground must be cleared regardless of price. List and conditions ready Aug. 7th.
C. Ribsam & Son, Trenton, N. J.

Hardy Herbaceous Perennials. The most complete stock in America. Paeonies, Phlox, Iris, Delphiniums, etc., etc.
Jacob W. Manning, The Reading Nursery, Reading, Mass.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application.
Rea Brothers, Norwood, Mass.

Field grown Ampelopsis Veitchii and Clematis Paniculata in large quantities. Orders booked now for fall.
The Elizabeth Nursery Co., Elizabeth, N. J.

Rare collected seeds of American Woody and Herbaceous plants. Ask for list and discounts. Pinehurst Nurseries, Otto Katzenstein, Mgr., Pinehurst, N. C.

F. & F. Nurseries, Springfield, New Jersey. Wholesale growers Trees and Plants in full assortment. Trade catalogue free.

Azalea Amoena, Hardy shrubs and trees in great variety. Send for price list.
Samuel C. Moon, Morrisville, Bucks Co., Pa.

Ampelopsis Veitchii, 2-inch pots, \$2.00 per 100.
Geo. M. Emmans, Newton, N. J.

HYDRANGEAS.

Hydrangea from 4-inch pots, \$5.00 per 100.
Fred Boerner, Cape May City, N. J.

Hydrangeas, mixed, 2 1/4-in., \$3.00 per 100.
Morris Floral Co., Morris, Ill.

JARDINIERE PLANTS.

Cryptomeria Japonica (Japan cedar), a beautiful jardiniere evergreen, as handsome as Araucaria excelsa, for which it is often mistaken, but tea times cheaper. 4-inch pots, \$15.00 per 100. 2 1/2-inch pots, \$9.00 per 100. 2 1/2-inch for \$2.50, postpaid.
Jackson & Perkins Co., Newark, N. Y.

MUSHROOM SPAWN.

Sure Crop Mushroom Spawn, \$8.00 per 100 lbs. Pamphlet, "How to Grow Mushrooms," 10 cts. Weber & Don, 114 Chambers St., New York.

ORCHIDS.

Just arrived in fine condition, Cattleya labiata, C. Mossiae, C. apiculatissima, C. Harrisoniae violacea, C. Warneri, C. granulosa, Laelia anceps, L. a. alba, L. Autumnalis, L. praestana, L. Dayana and Burlingtonia fragrans.
Lager & Hurrell, Summit, N. J.

Cypripedium Spectabile and Pubescens. Fine healthy plants; can ship any time; now or in September preferably. Must be ordered now; single crowns or large natural clumps, as desired. The trade supplied in any quantity.
Evergreen Nursery Co., Sturgeon Bay, Wis.

Cypripedium insigne in all sizes up to 14-inch pans. Coelogyne cristata in all sizes.
S. Taplin, Fort St. West, Detroit, Mich.

PAEONIES.

10,000 Paeonies in twenty distinct varieties.
W. & T. Smith Co., Geneva, N. Y.

PALMS, ETC.

Sago Palms. A fine lot of this popular palm in all sizes, from \$4.00 up. All well grown perfect plants. Can be safely sent by freight to any point which can be reached inside of 6 days. Will send 1 doz., assorted sizes, up to the best for \$10.00; 1/2 doz., \$5.50. Latania Borbonica, per 100, nice 2 1/2-in., ready for 2-in., \$5.00. 3-in., ready for 4, \$7.50. 4-in., ready for 5 or 6-in., showing 2 to 3 character. leaves, \$15.00. Will make fine stock for fall sales. Cash with order. Satisfaction guaranteed.
Critchell's, 110 East 4th St., Cincinnati, O.

Latania borbonica, 4-inch, 25 cents. Areca lutescens, 4-inch, 35 cents. Kentia Belmoreana and Forsteriana, 3-inch, 25 cents; 4-in., 50 cents.
Geo. M. Emmans, Newton, N. J.

Palms and Decorative Plants in quantity.
Anton Schulthels, P. O. Box 78, College Point, Queens Borough, New York.

Palms and Decorative Plants. Largest stock in America.
Slebrecht & Son, New Rochelle, N. Y.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS.

Measurements from top of pot to top of tallest leaf.

	Pot H't. Char.		Each.	Doz.
	ln. in.	lvs.		
Latania Borbonica,	2			\$.50
"	3			1.50
"	5	16-20 5-8	\$.60	5.00
"	6	18-20 5-7	.75	9.00
"	7	20-24 6-8	1.00	12.00
Cocos Weddelliana,	3	14-18 4-6	.25	3.00
Kentia Belmoreana,	3	5-7 3-4		2.00
"	3	8-10 4-5	.25	3.00
"	3	18-20 5-6	.75	9.00
"	5	18-20 6-7	1.00	12.00
"	6	20-25 6-7	1.50	18.00
"	7	34-38 6-7	2.50	30.00
" Forsteriana,	5	20-24 4-6	.75	9.00
"	5	25-28 4-6	1.00	12.00
"	6	26-30 6-8	1.50	18.00
"	7	36-40 8-6	2.50	30.00
Phoenix Reclinata,	5	14-16 5-8	.50	5.00
"	6	16-18 7-10	.75	9.00
Pandanus Urtilis,				1.50
"	4	12-14		3.00
"	5	14-16		6.00
Peperomia Agyrea,				1.50
Dracaena terminalis,	4			3.00
" Fragrans,	4	8-10		3.00
"	5	10-12	.50	6.00
"	6	14-16	.75	9.00

Geo. Wittbold, 1708 N. Halsted St., Chicago.

One Rubber Plant, 6 ft. tall, 5 ft. diameter. A fine tree; healthy in every way, not a spot on it. Price, \$15.00
C. Lawtzen, Box 262, Rhinebeck, N. Y.

Pandanus Veitchii, per doz., 6-in., \$12.00; 7-in., \$18.00; 8-in., \$24.00. Stock in excellent condition. J. Welsh Young, Germantown, Pa.

Kentia Forsteriana Seed, 16,000 seeds, in tins of 2,000 each, at \$4.75 per thousand. Windsor Flower Seed Co., Box 335, Windsor, Ont.

Finest stock of Kentias in the west. Send for our list of Palms and Ferns.
Ellis & Pollworth, Milwaukee, Wis.

My entire stock of palms for sale at a bargain. New wholesale list ready. Send for it.
W. J. Hesser, Plattsmouth, Neb.

Rubber plants, 4-in., 10 to 12 inches above pot, \$15.00 per 100 Groves Bros., Carthage, O.

Latania Borbonica, strong 5-in., \$4.00 per doz. South Side Floral Co., Springfield, Ill.

Aspidistra, 4-inch, \$9.00 per 100.
Jos. Heint, Jacksonville, Ill.

PANSY PLANTS.

For Pansy Seed see under heading "SEEDS."
Herr's Pansies, the best strain in the world. See display adv. before ordering elsewhere.

POINSETTIAS.

2 1/2-inch, good stock, \$4.00 per 100.
Stollery Bros., Argyle Park, Chicago, Ill.

PRIMULAS.

Baby Primrose, the newest thing for Easter blooming. Flowers in thumb pots; grows rapidly. 6-in. pot, carry 50 to 100 sprays of rosy flowers, 12 to 18 in. long; lasts 4 weeks when cut and wholesale at \$2. per 100; grows finely in cool house; perpetual bloomer. 12 for \$15.00; \$10 per 100, express prepaid.
A. Blanc & Co., Philadelphia.

Baby Primrose, healthy, young stock to grow on for fall and winter blooming, 75c per dozen, by mail; \$5.00 per 100, express paid. Nice stock transplanted in flats, \$5.00 per 100.
E. Fryer, Berriman St. and New Lots Ave., Brooklyn, N. Y.

Chinese primroses, single mixed, per 100, 2-in., \$2.00; Obconica grandiflora, 2-in., \$2.50; Obconica grandiflora rosea, August 1, \$3.00; Forbesi, "Baby Primrose," 2-in., \$4.00. Cash, no C. O. D's.
Jos. H. Cunningham, Delaware, Ohio.

Baby Primrose, For Seed, 1st Delivery. Fine plants, 3 1/2-inch, \$12.00 per 100.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Chinese Primulas: Alba, Rubra, Mixed Fern Leaf, Choicest Mixed, Japonica Alba, Floribunda (yellow), all 2 1/2-in., each \$2.00 per 100. Auricula, mixed, 2 1/2-in., \$2.50.
Morris Floral Co., Morris, Ill.

Double white Primulas in 3 and 4-inch pots, ready in September and October.
S. Taplin, Fort St. West, Detroit, Mich.

Chinese primrose, extra fine strain, 2 1/4-inch pots, \$3.00 per 100.
Greene & Underhill, Watertown, N. Y.

Chinese primrose, choicest strains, mixed, 2-in., \$2.00, 2 1/2-in., \$4.00 per 100.
Geo. M. Emmins, Newton, N. J.

Primula obconica, extra strong, ready for 5-inch pots, \$6.00 per 100.
N. Smith & Son, Adrian, Mich.

5000 Primroses, 2 1/2-inch, \$2.50 a 100.
J. D. Brenneman, Harrisburg, Pa.

ROSES.

Last offer of surplus stock. 1000 American Beauties, 3-inch, \$9.00 per 100. Papa Gontier, Perles, Woottons, Hermosa, La France, Mermet, 2 1/2-inch, \$3.00 per 100. Gen. Jacquemont, M. P. Wilder, Lord Raglan, Empress of India, 2 1/2-inch, \$4.00 per 100. Suzanne Blanchet, Bougere, Paquerette, Empress of China, Lamarque, Jules Finger, 2 1/2-inch, \$2.50 per 100. White, Pink and Yellow Ramblers, Queen of Pralrie, Baltimore Belle, Martha Washington, Seven Sisters, Tennessee Belle, 2 1/2-inch, \$2.00 per 100; \$18.00 per 1000.
Nanz & Neuner, Louisville, Ky.

50,000 first quality Forcing Roses, ready for immediate planting. Fully equal to those sent out the last seven years, first-class and healthy in every respect. Only selected growth from flowering shoots used in propagating. La France, Beauty, Carnot, 3-inch, \$8.00 per 100; 4-inch, \$12.00. Meteor, Bridesemaid, Mermet, Perle, Kaiserin, Hoste Bride, 3-inch, \$7.00 per 100; 4-inch, \$10.00. Grafted roses, Bridesemaid, Kaiserin, Carnot, 3 1/2-inch pots, \$15.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

We have left the following choice rose-plants which we are anxious to sell at a low price to make room. Guaranteed first class in every respect. Beauties, 4000 3-in., 5c; Bridesemaids, 1400 4-in., 5c, 2000 3-in., 3c, 6500 2-in., 2c; Brides, 700 4-in., 5c, 2300 3-in., 4c, 500 2-in., 2c; Meteors, 1600 3-in., 3c, 500 2-in., 2c. Shipments to be made from our greenhouses at Hinsdale, Ill.
Bassett & Washburn, 78 Wabash Ave., Chicago, Ill.

Roses that will pay for themselves in six week after planting. Selected and grown for our own use. A few thousand to spare, 3 1/2 and 4-in., at \$5.00 per 100. Meteors, Brides, Maids and La France, Kaiserin, extra fancy, 3 1/2-in., 6c. Cash with order.
South Side Floral Co., Springfield, Ill.

A surplus stock of 250 Bridesemaids, 600 Brides and 150 Perles, from 3 1/2-inch pots at \$5.00 per 100. A limited quantity of same varieties from 2 1/2-inch pots at \$2.50 per 100. Clean, healthy stock. Cash with order.
John White, Elizabeth, N. J.

In 3 and 4-inch pots, Bride, Bridesemaid, Duchess de Brabant, Little White Pet, Marie Guillot, Meteor, Pink Souper, \$6.00 per 100; Maman Cochet and Marechal Niel, \$7.50 per 100. Elizabeth Nursery Co., Elizabeth, N. J.

Bridesemaids, 2 1/2-inch, \$2.50 per 100, 4-inch, \$4.00; Brides, 2 1/2-inch, \$3.00 per 100, 4-inch, \$5.00 per 100; Golden Gate, 2 1/2-inch, \$3.00 per 100. Reimberg Bros., 51 Wabash Ave., Chicago.

A few thousand Brides and Maids, 3 and 3 1/2-in., fine plants. Will close out at \$15.00 and \$20.00 per 1000. Morton Grove Greenhouses, P. Kreisman, 27 Market St., Chicago.

Clean healthy stock. 1000 Brides, 2 1/2-in. pots, \$3.00 per 100; 1000 Maids, 3-in. pots, \$4.00 per 100; 200 La France, 4-in. pots, \$6.00 a 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Meteors, Maids, Perles, Brides and Souper, good stock, 3-in., \$4.00 per 100; 4-in., \$5.00. Henry Smith, Grand Rapids, Mich.

Brides, Bridesemaids, Meteors and Pres. Carnot, from 3-inch pots at \$5.00 per 100.
Brown & Campbell, 527 Walnut St., Springfield, Ill.

M. Neil, Niphetos and Yellow Rambler from 4-inch pots, \$8.00 per 100. M. Neil and Niphetos from 3-inch pots, \$5.00 per 100.
Phoenix Nursery Co., Bloomington, Ill.

300 Brides, 300 Maid, 300 Perle, 200 Kaiserin, extra strong, 3 1/2 and 4-inch, \$5.00 per 100, or \$50 for the lot. F. O. B. in Boston.
J. Newman & Sons, Winchester, Mass.

American Beauty, Bridesemaid, Perle, Bride, Sunset, Meteor, Morgan, Testout, Mermet, La France, 3, 3 1/2 and 4-inch.
A. S. Maclean Lakewood, N. J.

3000 first-class Am. Beauties, 3 1/2-inch, \$6.00 per 100; \$50.00 per 1000; 4-inch, \$8.00 per 100; \$75.00 per 1000. Cash with order.
DePew Bros., Nyack, N. Y.

500 Golden Gate, 2 1/2 and 3-inch pots, \$4.00 and \$6.00 per 100. Cash. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Bride, Maid and Meteor. First-class stock, 3-inch, \$5.00 per 100.
Cliffe's Greenhouses, Germantown, Phila., Pa.

4000 Brides and Maids in thumb pots, nice plants, \$10.00 per 1000.
H. W. Wieland, Newton, Bucks Co., Pa.

Surplus roses, Brides and Maids, first-class stock, from 3-inch pots, \$4.00 per 100.
Crabb & Hunter, Grand Rapids, Mich.

300 Bride, 500 Golden Gate, 300 Maid, 3-inch, \$4.00 per 100.
J. D. Brenneman, Harrisburg, Pa.

1500 choice Bridesemaids and 500 Brides, 3-in., \$5.00 per 100.
Geo. M. Emmins, Newton, N. J.

Beauties and Woottons, 2 1/2-in., only 1000 of each, 500 2-in. Brides. A bargain.
Geo. A. Kuhl, Pekin, Ill.

Bride and Mermet, extra strong, 3 1/2-in., \$6.00 per 100. N. Smith & Son, Adrian, Mich.

50 Bridesemaids, 100 Brides, 2 1/2-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, Ohio.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

H. P. Roses and Ramblers at reduced prices.
W. & T. Smith Co., Geneva, N. Y.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Morgan, Brides and Maids, \$2.00 per 100.
Groves Bros., Carthage, Ohio.

SEEDS.

Pansy Seed, New Crop. S. & W. Co.'s Non Plus Ultra. The richest mixture ever sent out, and containing the Blotched and Giant varieties in greatest proportion; very effective. Per packet 1000 seeds, 25 cts; per 4-8 ounce, 75 cts; per ounce, \$1.50. Superb Mixture of the Odier, Casser and Bugnot Strains, unsurpassed. Per 1000 seeds, 50 cts; per 1-2 ounce, \$1.00; per ounce, \$6.00. Trimardeau or Giant Pansies. Beautiful class of vigorous, compact growth, flowers of an enormous size. Per pkt., 25c, per 1-2 ounce, 50 cts.; per oz., \$3.50. Stump & Water Co., 50 Barclay St., New York.

Benary's Prize Flower Seeds. (Note.—Benary's German flower seeds are the highest grade known and have been awarded prizes, medals and certificates all over the world.) Primula Sinensis Fimbriata, Benary's choicest selection, 250 seeds for \$1.00. Pansy, Benary's Non Plus Ultra, the richest mixture ever sent out. Trade pkt., \$1.00; 1/4 oz., \$5.00; oz., \$12.00. Cineraria Hybrida Grandiflora. Benary's large flowered prize varieties, \$1.00 per 1000 seeds. Calceolaria Hybrida Grandiflora. Benary's splendid strain, \$1.00 per trade pkt. E. C. McFadden, Short Hills, N. J.

Cabbage and Cauliflower seed specialist.
Francis Brill, Hempstead, L. I., N. Y.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Calceolaria hyb., pkt. 25 cts. *Cyclamen* giant, brilliant colors, 1000s, 50 cts. *Chrysaria*, giants, pkt. 25 cts. *Primula sinensis* fine, choicest strains, all colors, single and double mixed, 100 seeds, 20 cts.; 500s, 80 cts.; 1000s, \$1.00. *Pansy*, choicest strain, Bugnot, Cassier, Trimardeau, pure white, yellow, blue, black, bronze, auricula flora, striped, red, purple, separate or mixed, 1000 seeds, 25 cts.; 5000 seeds, \$1.00.
H. H. Berger & Co., 47 Barclay St., New York.

Pansy, Elliott's Special Blended Mixture, comprising all the choicest named varieties. Trade packets, 50c and \$1.00; oz., \$8.00. Trimardeau, white, yellow, purple, light blue, black, striped, brown red, Lord Beaconsfield, each color, trade pkt., 25c; oz., \$2.

Mignonette, New York Market, the finest strain for exhibition, trade pkt., 50c. Allen's *Defiance*, trade pkt., 25c; oz., \$1. *Machet*, select stock, trade pkt., 10c; oz., 40c.
Wm. Elliott & Sons, 56 Bay St., New York.

The Jennings strain of American grown pansies is considered by many florists to be the leading strain to date. All large flowering and of the most brilliant colors and are sure to give satisfaction. Finest seed, mixed, \$1.00 per pkt.; \$3.00 per 1/2 oz.; \$5.00 per oz. Finest White, Yellow, Black, Blue, 50c per pkt. of 1500 seeds. Cash with order.
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Pansy seed. If you want the finest large and fragrant *Pansy* flowers try Woodbury's noted seeds. Seven pkts. (700 seeds) fine assorted, 50c. Finest German and Giant flowers, French strain, blended or either separate, 2000 seeds, 50c; 1/2 oz., \$1.00; oz., \$4.00. Last free. David B. Woodbury, *Pansy* Specialist, South Paris, Maine.

The famous Diamond strain is the best of the German type of pansy. Largest in size and greatest variety of rich and odd colors. All colors, mixed, \$5.50 per oz.; \$3.00 per 1/2 oz.; \$1.75 per 1/4 oz.; \$1.00 per 1-8 oz. Cash with order.
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Wholesale price list of florists' flower seeds now ready and mailed upon application.
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W. Atlee Burpee & Co., Philadelphia, Pa.

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Alex. Rodgers, Seed Merchant, 32 Traders' Building, Chicago. Long distance Telephone, Harrison 1304.

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Special seeds for the florist and gardener. Send for wholesale catalogue.

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Plant Seed Co., Wholesale Seed Merchants, St. Louis, Mo.

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Greene & Underhill, Watertown, N. Y.

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Pot plants now ready of Marie Louise, Farquhar and Lady Campbell, free from disease, first class stock. Write for prices.
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Marie Louise violets, strong plants, \$1.50 per 100. C. O. Lewis, Lockport, N. Y.

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MISCELLANEOUS PLANTS.

Ageratum Pauline, 2 1/4-inch, \$4.00 per 100. *Ageratum*, blue and white, \$3.00. *Cuphea platycentra*, 2 1/4-inch, \$3.00. *Heliotrope*, 2 1/4-inch, \$3.00. *Hydrangea Otaksa*, 5-inch, bushy, in flower, \$5.00 per 100. *Lantanas*, fine varieties, \$4.00. *Lemon Verbena*, 2 1/4-in., \$3.00. *Moon Flower*, 2 1/2-in., \$4.00. *Nierembergia gracilis*, \$3.00. Wood Bros., Fishkill, N. Y.

Ruellias multiflora and elegantissima. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German ivy. 2 1/2-inch, \$2.50 per dozen.

The Cottage Gardens, Queens, N. Y.

Petunias, dbl. fringed, mixed, 2 1/4-in., \$3.00 per 100; dbl. ruffled, mixed, \$2.00. *Lycopodium denticulatum*, 2 1/4-in., \$2.00.
Morris Floral Co., Morris, Ill.

Lemon verbena, *Impatiens Sultan*, 2 1/4-inch, \$3.00 per 100. Rooted cuttings: *Impatiens Sultan*, \$2.00. *Lemon verbena*, \$1.50.
Greene & Underhill, Watertown, N. Y.

SPHAGNUM MOSS.

We are headquarters on Sphagnum, Just received several carloads.

Per Bale, \$1.00.
Six Bales, \$5.00.
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Write for prices on large quantities.
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Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

"FORDHOOK FARM."

This is the name of the trial grounds of W. Atlee Burpee & Co., the Philadelphia seedsmen, which are at Doylestown, Pa. The extensive beds of flowering plants are now a mass of bloom and are a gorgeous sight. The acreage of the "farm" has recently been expanded by the purchase of 54 acres of adjoining land and two new greenhouses have been erected.

A force of 27 men are now at work in the trial grounds, and that they are fully occupied is evidenced by the fact that altogether there are being carried on 2,750 flower seed trials and 3,430 vegetable seed trials. Of the flower seed trials 618 are of sweet peas, to which flower this firm gives special attention.

CEDARSBURG, WIS.—H. Mole has closed his flower store and has returned to Milwaukee.

NORFOLK, CONN.—R. G. Hanford is about to pull down two of his old houses and put up one large one in place of them.

THE annual Convention Number of the Florists' Review will be issued August 17. This number will have much increased value to advertisers, but there will be no increase in rates. Send advs. early.

TARRYTOWN, N. Y.

The Tarrytown Horticultural Society held its regular monthly meeting in the Vanderbilt building, Thursday evening, July 27. The night was very warm, and sultry, and business was somewhat tiresome. The date of the chrysanthemum show was fixed as November 10 and 11, and the executive committee was instructed to procure suitable judges forthwith. Preliminary schedules were issued, but as funds still continue to come in the present amount of prize money will be largely increased and probably a few extra prizes added.

John Fotheringham and Philip Hamilton, Tarrytown, were unanimously elected to membership. John H. Corneth and Jeremiah Herett were proposed.

The secretary read a letter from the Westchester County Gardeners' Society, inviting the members to accompany them to the nurseries of Henry A. Dreer, Riverton, N. J., August 9th, the occasion being their annual outing. Several of the members said they would gladly embrace the opportunity. This is another instance which goes to show that the gardener is married to his vocation. This is to be a day's outing, a day of pleasure, a day of social fellowship—yet with all, a day of business and instruction. The Westchester friends have wisely selected their rendezvous. A day of social enjoyment is assured and at the same time a finer place than Henry A. Dreer's for educational purposes could hardly be found in the United States. We wish the boys bon voyage and clear skies.

Wm. Marshall, of J. M. Thorburn & Co., New York, is at present in this district persuading us that their bulbs this year are second to none.

JAS. T. SCOTT.

J. AUSTIN SHAW.

J. Austin Shaw's address will be 271 Broadway, N. Y., until August 13th only, after which he will be at the Detroit convention. He says Detroit is the coolest, handsomest and friendliest city in the Union.

GIRARD, O.—Geddes & Pressley have broken ground for a large new greenhouse.

ASHLAND, O.—A. C. Lamprecht is building a residence and six new greenhouses.



Mention The Florists' Review when writing advertisers.

Primroses Now Ready

PRIMULA CHINESE, Alba	2 1/4-in.,	Per 100, \$2.00
" " Rubra	"	2.00
" " Fern Leaf, mixed	"	2.00
" " Choicest mixed	"	2.00
" JAPONICA, Alba	"	2.00
" FLORIBUNDA, Yellow	"	2.00
" AURICULA, Mixed	"	2.50
Per 100		
Cinerarias, Hybrid, mixed	2 1/4-in.,	\$2.00
Petunias, Dbl. Fringed, mixed	"	3.00
" " Ruffled, "	"	2.00
Geraniums, 20 varieties, "	"	2.00
Fuchsias, 10 "	"	2.00
Hydrangeas, mixed	"	3.00
Asparagus Plumosus	3 1/2-in.,	\$7.00
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Lycopodium Dent	2 1/4-in.,	2.00
Smilax, extra strong	"	2.00
" " from flats	"	.50
Begonias, Flowering, 10 varieties, mixed	"	2.00
" " mixed	"	1.50

NEW PANSY SEED.

Mitting's Giant Flowering	Per oz. \$4.00	Per lb. \$50.00
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" Yellow	2.00	25.00
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200,000 Pansy Plants, Ready in September.

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CRABB & HUNTER, Violet Specialists.

Pot plants now ready of Marie Louise, Farquhar and Lady Campbell; free from disease. All stock; write for prices. Surplus Roses, Brides and Maids, first class stock, from 3-inch pots, at \$4.00 per 100; Bedding Geraniums, 4-inch pots, at \$5.00 per 100; from 3-in. pots, \$1.00 per 100. All first class stock.

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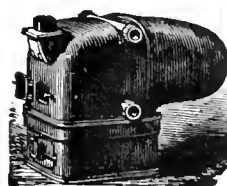
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The newest thing for Easter Blooming.

Flowers in thumb pots; grows rapidly, 6-in. pot, carry 50 to 100 sprays of rosy flowers, 12 to 18 in. long; lasts 4 weeks when cut and wholesale at \$2 per 100; grows finely in cool house; perpetual bloomer, 12 for \$1.50, \$10 per 100, express prepaid.

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Very dwarf and free bloomer, has the fragrance of violets and lilies, \$1 and \$2 per 12, \$6 and \$12 per 100, mailed.

Asparagus Sprengeri.

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BEST GRADES. PERFECT WORKMANSHIP.

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OUR Annual Convention Number will be issued August 17, and will contain a report of the Detroit Convention.

To the **FLORISTS' CONVENTION** via the **WABASH**

The railroads have granted a fare and one-third to the meeting of the Society of American Florists, to be held in Detroit, August 15th to 18th. The direct and popular line to Detroit from Chicago is the **WABASH** road. We have the following trains:

- Leave Chicago 12:02 noon; arrive Detroit 8:10 P. M.
- Leave Chicago 3:15 P. M.; arrive Detroit 10:45 P. M.
- Leave Chicago 11:00 P. M.; arrive Detroit 8:00 A. M.

Wagner sleepers and free reclining chair cars on all our trains. It is the only line operating compartment sleeping cars between Chicago and Detroit. For full particulars, sleeping car reservations, etc., call at Wabash ticket office, 97 Adams street, or write to

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Taplin's Patent Double Action Clay and Slack Burning.....Boiler

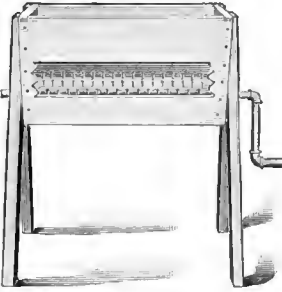
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- Azaleas, Half specimens and specimens, from four feet to ten feet high.
- Coelogyne Cristata, In all sizes.
- Asparagus Plumosus, two and three years, extra strong, in 4 and 5-in. pots.
- Double White Primulas, in 3 and 4-in. pots, ready in September and October.

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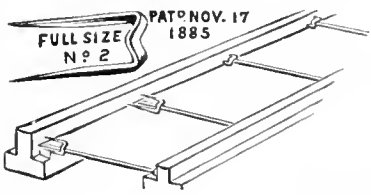
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BUFFALO, N. Y., July 24, 1899. FLORISTS' SUPPLY CO., North Tonawanda, N. Y. Gentlemen: The machine we ordered of you came in due time and have used it to break up dirt for two houses. Would say that we consider it a labor-saving machine, two men can do what six would do in the same time.

Yours very truly, **W. J. PALMER & SON.**

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When writing mention Florists' Review.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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INDEX TO ADVERTISERS.

Table listing various advertisers and their page numbers, including American Jadoo Co., Amling, E. C., Baker, W. J., Bassett & Washburn, Beathy & Co., Berning, H. G., Berst, Titus, Blanc & Co., Boerner, F., Budlong, J. A., Burpee, W. Atlee & Co., Chicago Wrecking Co., Cincinnati Cut Flower Co., Clover Leaf Ry., Cottage Gardens, Crabb & Hunter, Critchell's, Cunningham, Jos. H., Cut Flower Ex., Detroit Flower Pot Mfy., Dietsch, A. & Co., Dillon, J. L., Dorner, F. & Sons Co., Dreer, H. A., Elliott, W. H., Ellis & Pollworth, Ellison & Tesson, Esler, John G. Secy, Florists' Supply Co., Gibbons, H. W., Giblin & Co., Goodell, L. W., Greene & Underhill, Groves Bros., Hancock, Geo. & Son, Heiss, J. B., Herendeen Mfg. Co., Herr, Albert M., Hill, E. G. & Co., Hitchings & Co., Hunt, E. H., International Growers' Excb., Jackson, E. B., Jennings, E. B., Jewett, Z. K. & Co., Kasting, W. F., Kasting, W. F. & Co., Keenan's Seed Store, Kelsey, H. P., Kellogg, Geo. M., Kennicott Bros. Co., Kreismaann, P., Kroeschell Bros. Co., Kuehn, C. A., Kuhl, Geo. A., Lager & Hurrell, Lawritzen, C., Ley, J. H., Lockland Lumber Co., Long D. B., Lord & Burnham Co., Lynch, W. E., McKellar & Winterson, Manufacturers' Rubber Co., Model Plant Stake Co., Moninger, J. C. Co., Morris Floral Co., Peacock, W. P., Peacock, S. S., Pierce, F. O. Co., Pittsburgh Cut Flower Co., Quaker City Machine Works, Randall, A. L., Reed & Keller, Regan Pt'g House, Reinberg Bros., Rice, M. & Co., Sefton, J. W. Co., Schmitz, F. W. O., Schultheis, A., Siebrecht & Son, Smith, N. & Son, Soltau, C. & Co., Souster, Geo., South Side Floral Co., Taplin, S., Thorburn, J. M. & Co., Tobacco Warehousing Co., Vincent, Jr., R. & Sons, Wabash Ry., Watson, T. R., Weber & Sons, Wietor Bros., Young, John Welsb, Zeese & Co., Zirugibel, D.

BUYERS' GUIDE.

For the convenience of our readers in looking up offers of supplies they may wish, we print the following classified list of same offered by our advertisers. To ascertain the page upon which the advertisement appears, consult the adjoining regular index to advertisers. For plants see classified advs.

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ATTENTION FLORISTS.

The Clover Leaf Route will make a very low rate from St. Louis to Detroit and return, August 12th, 13th and 14th, for those attending the meeting of the Society of American Florists.

For further particulars call on or write J. E. DAVENPORT, Dist. Pass. Agt., 505 Olive St., St. Louis.

\$9.00- PUT-IN-BAY, OHIO, AND RETURN, from St. Louis, via Clover Leaf Route. Epworth League Excursion. Tickets good going August 14th, with return limit of August 28th.

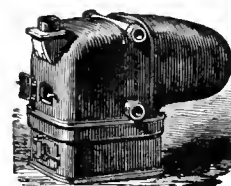
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MASTICA

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Proven superior to putty. Easier to apply and stays on. Not affected by extremes of weather. Endorsed by prominent florists. If not on sale by your dealer send for descriptive circular of Mastica and Mastica Glazing Machines, to F. O. PIERCE CO., Sole Manufacturers, 150 Fulton St., New York.

Mention The Review when you write.

ST. LOUIS.

The Market.

We have the same old story to tell at this time of the year. Weather hot, good flowers scarce and business dull. About the only thing to report in the way of business is a few large funeral orders; outside of that nothing.

The roses that come to this market now show unmistakably the severe effects of the hot weather and the bulk of them are very poor and small. The demand for good or bad, is poor, except good long Beauties, which are always in demand and sell fairly well.

Prices on stock remain about the same as last week. Carnations are very small, with short stems, but color good. Asters are quite plentiful; white and pink are the best sellers. Sweet peas are falling off and are evidently coming to the end of the crop. Gladiolus, hardy hydrangeas and auratum lilies are coming in freely. Tuberoses stalks very plentiful and fine. The bulk of the material is from the outside. Smilax is very good and plenty of it, but slow sale.

The Parks.

The bedding in the different parks throughout the city looks well, there being more of it this season than ever before. Much good taste has been displayed and the indications are that it will be increased each year.

Park Commissioner Ridgley was in Detroit last week attending the park commissioners' meeting.

Supt. Pape will go with the florists to Detroit to attend the S. A. F. convention.

The following park keepers were appointed by Commissioner Ridgley: Benton Park, A. V. Ahren; Carondelet, J. R. Winbold; Carr Square, F. Kinderman; Forrest, W. L. Lamar; Gamble Place, J. Crist; Gravius Park, F. W. Zachritz; Hyde Park, P. Gundlach; Jackson Place, Wm Thorwarth; Laclède, Theo. Hovelman; Lyon Park, Louis Siegmund; O'Fallon, L. Peenger; St. Louis, Place No. 1, A. Kohn; No. 2, H. Rischhoff; Nos. 3 and 4, F. W. Wiegand; South St. Louis Square, A. Ulrich.

Club Meeting.

The members of the Florists' Club should not fail to attend the next meeting of the club, Thursday, August 10, at 3 p. m. It is the duty of all those members who come only once in a while to be present at this meeting, as there will be election of officers; the secretary's report and the payment of yearly dues. This meeting will be especially beneficial to those who who are going to Detroit, and the names of those going should be in the hands of J. W. Kunz at this meeting. The president also requested me to state that all picnics must be settled for at this meeting without fail. The trustees say there will be an essay read by one of our best members. We always have a

good time after the August meeting, and if you want to take part in it, why come and see the fun.

Rev. Dr. Halstedt, if you please, from now on. Brother Halstedt reports that he received a telegram last week addressed Rev. Dr. Halstedt, requesting him to meet a body coming in on the next train and to hold services over same. Doc., knowing some mistake had been made, went out and hunted up a substitute.

Aug. Schureman, of the Schureman Floral Co., leaves for Philadelphia this week to decorate for the G. A. R. encampment, held there next week.

The Bowling Club had a wet night Monday and eleven members rolled. The rollers all seemed to have an off night. The scores were as follows:

	1	2	3	4	5	Tot.	Avg.
C. C. Sanders.....	163	169	134	...	...	466	175
J. J. Beneke.....	111	130	138	183	130	722	144
C. A. Kuehn.....	132	121	165	136	156	710	142
John Young .....	...	180	100	...	...	280	140
Emil Schray	132	169	113	...	...	414	138
F. Fillmore	151	113	133	...	...	397	132
F. H. Weber.....	...	134	129	...	...	263	131
E. W. Guy.....	109	130	131	...	...	370	124
F. C. Weber.....	...	120	117	...	...	237	118
R. F. Tesson.....	109	125	103	...	...	337	112
Dr. Halstedt	91	92	93	...	...	276	92

J. J. B.

PHILADELPHIA.

Various Notes.

Business has been very dull, with little or nothing doing. The convention seems to be the only subject under discussion and from all reports Philadelphia will be well represented. The bowling club will be there in full force, as they intend bringing the honors home with them. We noticed in the last issue that first place has already been modestly conceded to them; therefore the boys say they will do all in their power to bear the Detroit boys out in their figuring and they will be well equipped for all emergencies. To whom it may concern, let a word to the wise be sufficient: Beware of the bowlers from the Quaker City.

Mr. David Cliffe, of Germantown, sailed for Europe on Saturday, July 29th.

Mr. Frank Whitely, of the firm of Smith & Whitely, with his wife is sojourning at Asbury Park, and Mr. A. E. Jones has charge of the store in Mr. Whitely's absence, while Mr. Smith is running the Lansdowne greenhouses.

Pennock Bros. are making some decided changes in their store.

Mr. Robert, Jr., of South Eleventh street, is about to add 60 feet to his greenhouse at the rear of his store, in order that he may have more room for boarders another season.

Mr. Chas. Fox, Sr., is also making some alterations in his store and is overhauling his greenhouse getting ready for fall trade.

Julius Wolf, Sr., is rebuilding his greenhouse on Ridge avenue and Dauphin street.

Our visitors the past week were: F. A. Danker, Albany, N. Y.; Mr. Quin-

lan, of Syracuse, N. Y.; Mr. Bavin, Jr., of Buffalo, N. Y.; J. F. Kidwell, Chicago; John G. Heint, Terre Haute, Ind.; F. A. Fairbrother, Providence, R. I.; A. Zeller, of Flatbush, L. I., and A. L. Miller, of Brooklyn.

The Market.

Beauties, \$3 to \$12.50; Brides and Maids, \$2 to \$4; Kaiserins, \$2 to \$5; Meteors, \$2 to \$5; smilax, \$12.50 to \$15; carnations, 50 cents to \$1; some of the fancier varieties bring \$1 to \$1.50; valley, \$3 to \$4; asters, 50 cents to \$1.50; sweet peas, 25 cents. R.

ROCKFORD, ILL.—Burdick Bros. have purchased land upon which they will soon build a large greenhouse.

BINGHAMTON, N. Y.—Mr. Moore, formerly connected with the Oak Street Greenhouses, is now a member of the firm of Mills & Moore, 55 Front street.

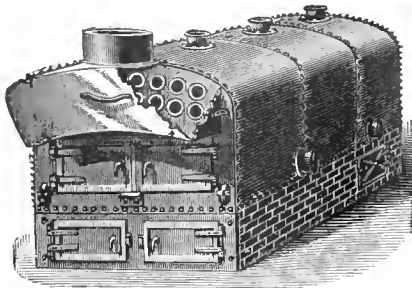
PATERSON, N. J.—Elmer E. McCornac has succeeded to the firm of McCornac & Co., having purchased the interest of his former partner, A. F. Kinsman, who has removed to Ohio.

DUBUQUE, IA.—W. A. Harkett is about to add a new greenhouse, which will give him a total of eighteen.

NEW YORK.—Clucas & Boddington Co. have removed to more commodious quarters at 342 West 14th St.

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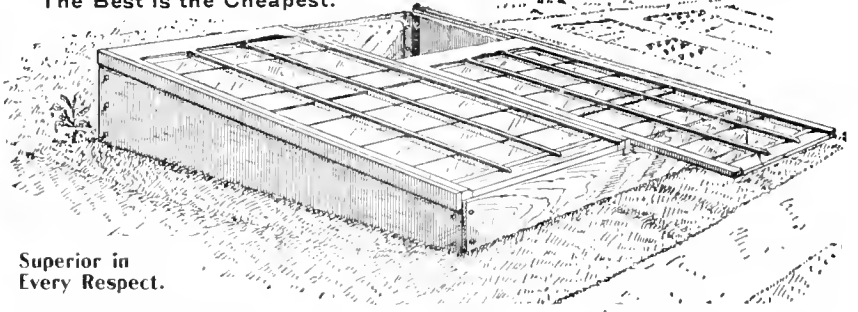
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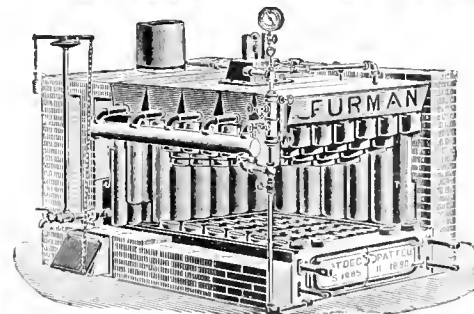
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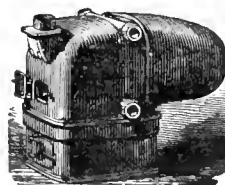
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Vol. IV.

CHICAGO AND NEW YORK, AUGUST 10, 1899.

No. 89.

NEW YORK TO DETROIT.

The committee in charge of the transportation for New York and vicinity has made definite arrangements

to go by the celebrated Black Diamond Express, Lehigh Valley railroad, leaving foot of Cortlandt street, New York, at 12 o'clock (noon) on Monday, the 14th of August, reaching Detroit the

next morning at 6:55 a. m. The beautiful scenery of the renowned Lehigh and Susquehanna valleys by daylight, in a special car, will, we feel sure, induce many to go who otherwise would not.

The rates are one full fare going and one-third fare returning, on the certificate plan, or \$13.50 for the fare going and \$4.50 for the return; in addition the sleeping car fare from Buffalo to Detroit is \$2. Delegates wishing to save themselves trouble may secure tickets both for train and sleeper by remitting \$15.50 to John N. May, Summit, N. J.

The committee's work will be greatly facilitated by delegates notifying in advance and as soon as possible their intention of going.

As the New York Florists' Club has decided to invite the S. A. F. to New York in 1900, the members will realize the great importance of having a full delegation at the forthcoming convention.

For the New Jersey delegates who may prefer to board the train en route, it stops at Newark at 12:28 p. m., South Plainfield at 12:51 p. m., and South Bethlehem at 2:06 p. m.

W. J. Stewart, P. O'Mara, John N. May, Committee.

CHICAGO TO DETROIT.

The Chicago Florists' Club have made arrangements to use the Wabash railroad on their trip to the Detroit convention, to be held August 15-18, 1899. The party will leave Chicago on the Wabash Continental Limited at 12:00 o'clock noon, August 14, and will arrive at Detroit at 8:10 p. m. the same day. The committee have arranged for a certain number of reclining chair cars to be set aside for their exclusive use.

The rate will be a fare and one-third for the round trip, on the certificate plan. You pay full fare going, \$7.75, and get a certificate from the ticket agent which entitles you to a



President W. N. Rudd, who will preside at the Detroit Convention of the Society of American Florists.

rate of one-third fare (\$2.60) returning. This makes the rate \$10.35 for the round trip. Be sure and ask your ticket agent for a certificate showing that you have paid full fare going. Tickets will be good on any regular trains of the 14th and 15th of August, and will be good returning until August 21st. Free reclining chair cars on all trains.

The club hereby extends a cordial invitation to all Florists' Clubs and those going who reside in the west and northwest to join them on the trip as their guests, promising them a pleasant time on the road. The Wabash railroad authorities promise to do all in their power to make their trip a pleasant one.

Correspondence is solicited for further particulars from all who think of going. Join us in a grand turn-out to honor and escort our western president of the Society of American Florists, and to make the meeting a memorable one.

For further particulars address any member of the committee as below:
 Edgar Sanders, 1639 Belmont Ave.
 P. J. Hauswirth, 318 Wabash Ave.
 W. N. Rudd, Mt. Greenwood, Ill.

BOSTON TO DETROIT.

Arrangements have been made whereby those who so desire may travel together on special buffet sleeping car from Boston. The train selected is the "Continental Limited," leaving Boston 11 a. m. Monday, August 14, due in Detroit Tuesday at 7 a. m. The route is via Fitchburg R. R. to Rotterdam Junction, West Shore to Utica, New York Central to Buffalo and Wabash R. R. to Detroit. Connecting train leaves Worcester at 11:45 a. m. Monday. It is hoped that the New York party will arrange to connect with the Boston party at Rotterdam Junction. The fare is one and one-third full rate for round trip from all points, which makes the Boston rate \$22, exclusive of sleeping car berths. Meals will be provided for all passengers on the Boston car without charge. Stopover allowed at Niagara Falls both going and coming. Those who intend to go with the Boston party are requested to communicate with Wm. J. Stewart.

DETROIT HOTELS.

Below is given a list of the hotels in Detroit, with capacity and rate of each:

Hotel.	Cap.	American Plan.	European Plan.
Cadillac	200	\$3.00-3.50	
Russell House	200	3.00-4.00	
Normandie	100	2.00-3.00	
Griswold (good)	100	2.00-3.00	
Oriental (good)	100		\$1.00-1.50
(Bath Included).			
Metropole	50		1.00-1.50
Wayne	100	2.00-3.00	1.00-1.50
Barclay	100	1.00-1.50	
Franklin House	75	1.50-2.00	
Library Park			1.00-1.50

S. A. F. TRADE EXHIBIT.

GEO. A. RACKHAM, Supt.,
 880 Van Dyke Ave., Detroit, Mich.

BOWLING TROPHIES.

The bowlers will have plenty to strive for this year at Detroit.

In addition to the Evans Challenge Cup, now held by the St. Louis Club, there are the following new prizes to be competed for:

A cup valued at \$75.00, offered by the mayor, city controller, city clerk and board of aldermen of Detroit, to be awarded to the team knocking down the greatest number of pins in any one game, the winners to have their name engraved on the back, with the number of pins and where won, and to bring the trophy to the next meeting, to be bowled for in the same manner. If the same team wins again the trophy is to become their property. If not, the team then making the highest score takes it, having their name, etc., engraved on the back, and this is to continue until some one team shall have won it twice, or four years have elapsed, and it shall then become the property of the team having the greatest number of pins to its credit.

The Detroit Hotel trophy, a badge, valued at \$60.00, to be bowled for the same as above, and going to the man knocking down the greatest number of pins in any one game.

County Auditors' trophy, given by the county auditors, Detroit, value \$30.00. This trophy goes to the man belonging to the champion team who makes the greatest number of pins in any one game.

A set of six lignum vitae balls and

cases, offered by the bowling supply department of the Crawford, McGregor & Canby Company, Dayton, O., to the team making the highest score in any one game.

The Brunswick - Balke - Collender Company, Chicago, offer a set of six scarf pins, of a unique design, representing two pins crossed, together with a ten-pin ball in center, the pins being inlaid with jewels. These will go to the six bowlers comprising the team taking first place in the tournament.

Then there are various prizes offered by the business men of Detroit, as follows:

Weiss, the hatter and furnisher, a \$5.00 hat, to the man who knocks down the greatest number of pins in all the matches.

John C. Hartz, hatter and furnisher, one \$5.00 hat, to the man who makes the greatest number of spares in all the matches.

W. H. Ellis, one box of good cigars, to the man who makes the most spares in any one game.

John T. Woodhouse & Co., one box of good cigars, to the man who makes the most strikes in any one game.

J. L. Hudson & Co., one silk umbrella, value \$5.00, which goes to the man who gets the most pins on his spares in total games.

Charles F. Marschner, one box of good cigars to the member of the Detroit team making the greatest number of pins in all games.



An Art Section of the S. A. F.

We would be very much pleased to see an art section in the Society of American Florists; it would be very useful in educating the craft and most powerful in defending our right to proper recognition in the advancement of refinement and civilization. To the majority such an organization may appear futile, but it is badly needed, and we appeal to the enthusiastic and studious all over the country to consider some plan of a Floral Art Society, membership to which would require the same knowledge and qualifications as is demanded in

a way before admittance to similar societies. This might prevent the periodical appearance in reputable magazines of articles repudiating or reflecting on our standing as artists, and would surely elevate ourselves and our profession above the level that the general public (or many of those who are in the business solely for the money that's in it) persist in placing us and it.

Summer Window Displays.

Appearances count for a great deal in this world. Don't forget this as applied to your store, particularly your window. During warm weather



Philip Breitmeyer, Vice-President Society of American Florists.

you are apt to be careless and the fact is not lost to the eye of those who pass. Summer window displays need not be elaborate; just a vase of gladiolus or some hardy flower to let the people see you are still in business; one never can tell who may go by or call, and mind you a vase of some brilliant flower prettily arranged in your window now might do you as much good as an expensive exhibition in winter.

Toleration.

Toleration is a word which requires deep consideration from most sensible men, particularly florists. There is a good deal of beauty in most things and a great deal of meaning in many. We are often face to face with problems and perplexing situations where a wise interpretation of toleration means success.

All of you know the varied kinds of customers who from time to time come in and order things which appear to you as either crazy or not quite right in your opinion. In such cases it is right to quietly try to correct them, and in doing so do not become voluble or gloat over your superior knowledge; many excellent people, in fact most intelligent people are sensitive, and dislike anything that will make them appear either ignorant or possessors of poor taste or weak ideas. Whenever you differ with a customer be diplomatic in expressing your opinion. Remember you are but a small atom on this universe and must depend on others to live.

Yes, toleration is a grand good thing; we would like to see more of it cultivated amongst florists; not that they need it more than other professions, but that they do need it; of course it must not be construed that we include ignorance or abuses which are detrimental and destructive, for such we abhor; we refer to the generality of good things, to the customers we depend on, to the beginner, to those who try to or succeed in elevating any part of our trade, to our rival, to the several unpleasant but innocent affairs that occur between business men and to that which perhaps is most important to our part—the different elements and degrees which go to make up American floral art.

We may have a general or united idea of what constitutes perfect beauty, but the forms are too numerous to permit of set standards being hastily put upon them. Often we see designs and decorations made by poor florists whose limited resources prevent them from giving expression to their ideas, often a better knowledge of cheap material would be of great benefit to them; yet it isn't right to sneer at their work, because even poor as his material may be you may find both beauty and some little originality in its makeup; rather reserve your adverse criticisms for the well-to-do city florist, whose abundance of everything makes poor work inexcusable.

Japanese Floral Art.

In the current number of Scribner's

appears a very interesting article on "Japanese Floral Art," the writer of which is wrong when he insinuates that there is no such art in America. We do not wish to dispute the credit which the Japanese are entitled to, but whilst there is a great amount of beauty in their arrangements, their mode is more the giving of expression to their recognized "language of flowers," than the art of arranging according to the demands of beauty as we know it. These people have for generations been taught to give expression to their thoughts and sentiments by flowers and foliage; this knowledge is given to them at school, the teachers are looked upon as floral artists. Japan is the only country where a language of flowers is recognized and regularly employed. Their forms afford excellent material for artists to illustrate; there is imaginative beauty in their curves and twists, a great deal of poetry in their combinations, but they are not adaptable to this country; here we care not what a flower means if it is bright, sweet or beautiful, and our art depends not so much on the creations which appear well on paper, but rather on the ideals which are prettiest when practically applied.

We are too cosmopolitan to adopt any other country's standard on any line, and 'tis lucky we are so, for we have attained far greater heights than any of them have; the trouble is we, as a nation, at present only glory in our strength and enterprise. We have not time to stop and fully appreciate many things we will yet be proud of, and florists must have the same patience as others.

Summer Decorations.

Many of you may be called upon to decorate for the home coming of travellers, and where these decorations are confined to private houses, care should be taken to avoid over elaborateness or formality. The American flag is more expressive than a "Welcome Home" sign, and a vase of flowers is far preferable to yards of garlands.

Where public buildings are to be decorated of course a wider latitude is given, and here remember your work should be as massive as the circumstances will permit. The home coming of Admiral Dewey should be the occasion of a grand display of decorative art. We are glad to know that a triumphal arch will be built as we suggested across the junction of Broadway and Fifth avenue, in New York, and we hope the florists' part will be creditable. We would like to see the florists of the country do something on this occasion which would bring them prominently before the country; surely 'tis our place and right to crown with laurel and roses all that's best in heroic patriotism. Let the S. A. F. consider the matter; there will be lots of outdoor flowers and autumn foliage, an abundance of palm leaves, and the cost of a dem-

onstration would be very small and the result very large considering that the convention is to be held in this city next year.

Bright effects are usually desired at country festivals and at city affairs also, where gay costumes predominate. Innovations are looked for and you are expected to contribute. Well made crescent wreaths of scarlet, crimson or pink geraniums look extra fine when suspended by long ribbon bows of the same colors against a white or green background. Zinnias can also be used in like manner but great care should be used to keep the colors separate; and so arrange the wreaths that the colors will make each other harmoniously prominent. The wreaths should be connected by crescent garlands of greens or similar colored flowers. This form of decoration is most suitable for fancy dress balls or hunting parties, where the brighter the flower the better the result.

Wreaths and garlands are destined to be more widely used in decorations, but you must be careful to avoid funereal tones. Don't be afraid of brilliancy where there is no possibility of jarring contrasts.

Phloxes are useful flowers, especially to the small country florist. The white are excellent for funeral work, all the other colors are fine for vase work. Whilst white asters are recognized as fine for ground work, wreaths made of some of the varieties look very good. This is more the case with purple asters. Use a good sized wreath, first green it, toothpick your poorest flowers and make up solid with them, then stem your best flowers from 2 to 6 inches long (2 on a stick), arrange these so that the short ones will barely show between and round off well both inside and out; add a cluster of white roses to the purple wreaths. If this design is properly made it does not look in any way cheap, but can be made to please all grades of customers and is a good design for summer travel.

Many of you will remember the oleanders at Omaha last August; it's a wonder they are not more extensively grown for decorative purposes in the eastern states, especially at the seaside resorts. Tritomas are in; try a vase of them in the window.

Lobelia gracilis does fine in baskets or boxes in shady places; the color is scarce 'mongst flowers, and its inability to withstand our scorching sun is sorely felt where there is much formal bedding to be done; it seems at home in cool, shady locations, and will grow well in high altitudes. *Phrynium variegatum* has proved itself a good thing to use where variegation is required; it is fine as an edging to dark leaved cannas, or goes well in sub-tropical work. This may also be said of variegated funkias, which are extensively used for window boxes and plant vases. A few well fruited branches of blackberries or strawberry-raspberry placed on a low dish look well and enticing

on the breakfast table; the idea can be extended to having the guests pick their own berries off the branches facing them.

At the fashionable clam bakes given at Newport it is customary to deco-



ROSE NOTES.

Now that tying up of plants is all done and they are making fine growth it is time to prepare soil for next season's work. Roses do best in soil that has a good proportion of decayed sod in it and is of heavy clay texture. Some varieties require a heavier soil than others. I have found that Brides and Maids do best in good stiff loam, while Beauties do their best in a still heavier clay. Perles, Meteors, La France and Kaiserins I have had in better form in lighter compost than the above and Perles I have had quite good success with in a very light soil, though I think it best not to have the soil too sandy even for these.

If one has at hand good soddy loam that is all right, save for the clay, this can be added by hauling from another locality and mixing well at time of filling benches. Too great care cannot be taken in the preparation of the soil, for upon it very largely depend the chances of success. It is impossible from a distance to give directions just what soil is best, but each grower must be able to select for himself according to the varieties he is to grow. I do not believe in hauling in the fall and piling the soil as is often advised. I much prefer to select the spot from which the soil is to be taken (an old pasture lot where the sod is firm), spread a thick coating of manure and plow about nine inches deep. In the spring just before planting time spread more manure, if the soil is not already as fertile as you like, and some bone meal and plow again across the furrows of the summer plowing. Haul directly from the field and fill the benches. The soil will usually be in the proper condition to plant unless hauling is done too soon after a show-

rate with all manner of garden truck; we have seen some amusing sights at these affairs, and often wondered why more suitable stock, such as fancy gourds, the Chinese lantern plant and many others were not grown for such events. Gardenias are very scarce and expensive just now; one or two of the experts at Newport control the supply for the east. A few sprays of plum-bago look O. K. in a box or vase of flowers.

IVERA.

ROSES

er, which should never be done. Shoveling on to wagon, dumping therefrom, and wheeling into the house will mix the soil, manure and bone meal thoroughly. Plowing the soil in the fall I believe is the best way to get rid of many insects, as they freeze in the loose earth during the winter.

You will have some young roses to pot in the spring; don't neglect getting the soil ready till the cuttings are ready to come out of the sand and then hustle the teamster out to haul in chunks of frozen earth to thaw out in the potting shed or greenhouse, or take the soil out of a mum bench upon which lilies have stood perchance. Haul in several loads of the soil you have ploughed to a shed where it will not freeze. I have seen cuttings potted in soil that was miserably wet and firmed into the pots, the succeeding pottings being done in the same material. When they were planted some were still wet, some were dry. Those that were damp would take the water when planted but the dry ones the water runs down the sides of and into the fresh soil of the benches and it is next to impossible to get the ball of soil wet through. It is needless to say that plants under such conditions cannot start right off after planting, and make the fine growth they should in congenial quarters and under favorable conditions. Therefore take great pains to secure the best of soil for each variety; prepare it properly; place it on the benches in the best possible condition and you will be a long way on the road to securing a paying crop.

Keep a sharp lookout for all the details in culture at this season. Insects are still very numerous and of great variety—keep constantly after them. Watering needs plenty of time and care. The plants now in full growth will require a great deal but don't get the ground soggy; much better keep them on the dry side. Be conscientious in picking off the buds and though the plants look thrifty and

strong don't yield to the temptation of allowing them to bloom too early. Bad leaves must also be picked off plants and benches.

We have had a couple of cool nights lately and I notice a little mildew here and there; get the sulphur blower and go after it the minute it is discovered. Tie up all shoots as they break and grow that they may not become crooked. Besides keeping the plants tied up, the sunlight reaches the soil and dries it each day and the air circulates between the rows better.

A. O. T.

horticulturist under whose regime the development of the park system has been rapid and marvelous.

No. 5. Mr. Charles Warneke, of the Woodmere greenhouses, near the beautiful cemetery of that name, and whose show house is one of the features of that section.

No. 6. Mr. Robert Watson, a general Scotchman, who has a nice conservative business, a new office and a strong right arm for bowling. Younger than his years and with lots of sunshine in his soul.

No. 7. Mr. Breitmeyer, Sr., one of

His oldest son will soon be associated with him in the business.

No. 11. Fred Pantke, of German birth and parentage, at one time in business in Detroit, now and for five years private gardener for U. S. Senator McMillan of Grosse Point. Member of the bowling club, with a style peculiarly his own.

No. 12. Phil Breitmeyer, vice-president S. A. F. O. H., and president Detroit Florists' Club. The "Bon Ton" florist of the city, with a handsome store and show house on Miami ave., near convention hall, and the immense plant at Mt. Clemens to draw on. Even this is not enough. But everybody knows Phil and all about him. He has just returned from a two weeks' pleasure jaunt east with his family. He says everybody is coming to the convention.

No. 13. Mr. Frank Holznable, formerly with Wilson of Astoria, and Keller of Bay Ridge, also with the late firm of Miller & Hunt, Chicago. Well known east to the "old-timers," although still a young man. Has a fine plant of 25,000 sq. ft., is a very successful rose and carnation grower and president of the Detroit Bowling Club, with a high score away above 200.

No. 14. Mr. Jerome Stock, who grows a general line of stock in three large houses, a pupil of W. A. Manda, and unmarried.

No. 15. Mr. Robert Klegg, "the violet king," son-in-law of Mr. Breitmeyer, and owner of a 20,000 sq. ft. range near the old homestead in Mt. Clemens.

No. 16. Mr. C. H. Plumb, who now grows a general line of stock on his own account and was formerly in charge of the park greenhouses on Belle Isle.

No. 17. Mr. H. G. Flammer, of Elwood ave., nine years in business, 5,000 sq. ft. glass and doing well. A very pleasant gentleman to know, and possessor of a delightful home and family.

No. 18. Mr. Geo. A. Rackham, the indefatigable superintendent of exhibits, correspondent of the trade papers, and a most successful grower of ferns and carnations. An untiring worker, a 32nd degree Knight Templar, and member of many fraternal societies. Ten years in business in Detroit. Everybody has a good word for Mr. Rackham and there has been no end to the work he has done in behalf of the convention.

No. 19. Mr. Theodore Damrew, five years in business, 7,000 sq. ft. glass at Grosse Point; specialties, violets and carnations.

No. 20. Mr. E. A. Scribner. In business two years on his own account; a good talker, prominent member of the club, and entertainment committee; formerly in charge of Waterworks Park.

No. 21. Mr. Robert Flowerday, one of Detroit's most popular florists, secretary of the Florists' Club, correspon-



A Group of Detroit Florists.

SOME DETROIT FLORISTS.

In the accompanying group picture are seen twenty-seven members of the Detroit Florists' Club. You will meet them all during the convention and you will no doubt be pleased with an advance introduction.

No. 1. Mr. Bruno Schroeter, one of the oldest and best of the Detroit florists. In business 27 years. Has a handsome store and greenhouse on Miami avenue, close to the convention hall, and a 30,000 sq. ft. plant 2½ miles out, where almost everything is grown for his retail trade. Mr. Charles Schievele has been in charge of his cut flower and decorative work for many years. He has a pleasant home and most interesting family.

No. 2. Mr. Fred Schmidt, foreman for Mr. Schroeter at his greenhouses for 15 years.

No. 3. Mr. W. D. Dilger, landscape architect, builder of artistic rockwork, chairman of the entertainment committee and irrepressible.

No. 4. Mr. L. J. Coryell, superintendent of parks and boulevards. Formerly professor of agriculture at Lansing College. A devoted and practical

the veterans, now in Europe. Still young at 70, after over 40 years of floriculture. Owner of 30 houses and 100,000 sq. ft. of glass. Will not be home in time for the convention, more's the pity.

No. 8. Mr. Dunn, of Asman & Dunn, one of the younger florists, unmarried, a great bowler and an epitome of good nature. Bound to be a success in business and member of a firm the lightning cannot discourage. Now rebuilding their fine plant destroyed by the storm.

No. 9. Adolph Stritmatter, now in charge of the park greenhouses on Belle Isle, and a "good right hand man" for Professor Coryell.

No. 10. J. F. Sullivan, one of the largest retail florists in Michigan. Has a large plant some five miles out, on the way to Mt. Clemens, and a fine retail establishment on the principal street in the city. Will move Sept. 1st into his new and elegant store on Woodward ave. Is ably assisted by Mrs. Sullivan, who is constantly in attendance on his city trade, which is continually increasing. Mr. and Mrs. Sullivan have four handsome children.

dent of the trade journals, a prominent Shriner, and a general favorite. In business twenty years. Proprietor of the Detroit Floral Co., and doing a large trade amongst the society people in whose neighborhood his store and greenhouses have been so long established.

No. 22. Gust Taepke, just back with Mrs. Taepke from their summer outing "up the lakes." Born in Germany, but twenty years in business in Detroit. Burned out on his wedding night, but now the owner of acres of land in the city and a 25,000 sq. ft. range that does him credit. Has a fine retail store on Gratiot ave., where his wife presides; is a member of the decorative committee and an all round generous and jolly fellow, that you will be glad to know.

No. 23. Mr. Henry Fruck, private gardener for Mr. J. H. Berry and a man of considerable experience in his line, having learned the business with Mr. Schroeter, of Detroit, and in commercial houses in Denver and Chicago. Mr. Fruck has charge of eight large houses devoted to orchids, palms, etc., comprising over 30,000 sq. ft. of glass, and the finest conservatory in Michigan.

No. 24. Mr. G. W. Davis, who does a good local business on Lincoln ave.

No. 25. Mr. Ferdinand Kolbe, for many years foreman for Mr. Rackham and now in business for himself near Woodmere cemetery. Has a good plant and is highly regarded. Still unmarried.

No. 26. Mr. Frank Beard, of Beard Bros., chairman of the entertainment committee and the shooting contest. A "demon bowler," and all round athlete. Good natured, fond of sport and a practical joker. Keep your eye on him! Has a farm and 20,000 sq. ft. of glass and grows vegetables and bedding stock, "ad lib." One of the convention workers and at it all the time.

No. 27. Mr. Fred Breitmeyer, of Mt. Clemens. In charge of the immense greenhouse plant there, leading spirit in the Casino, the popular vaudeville house of Mt. Clemens, and proprietor of the famous "Breitmeyer grape wine," which "cheers, but does not inebriate." To go to the convention without dallying with Fred's various enterprises would be out of the question.

This ends the "photographic section" of the Detroit Florists' Club, but it does not end the club "by a large majority," for there are about 80 members altogether. Harry Balsley ought to have a page at least, for he is not only park commissioner but also the inventor of that wonderful bottomless pit—no pot! Carey, of Mt. Clemens, that genial Irishman who grows violets and roses and children profusely and well. Andrew Ferguson, modest and unobtrusive, but effective and popular. Anthony Hupprich, the "Pot-man" whose 250 pounds do not lessen his ability as a bowler, nor his pros-

pects for first prize in the fat man's race. Charlie Scheible, of Schroeter's, the popular hustler of the decoration committee and everybody's friend, especially the ladies'.

Stephen Taplin, old and gray in the service of horticulture, but with an eye as keen as an eagle's and with his natural force unabated. Gus Knoch, the man of novelties, whose cobblestone show house is the glory of Woodmere, and whose artistic designing must be seen to be appreciated. Harry Pickworth, the artist in palm mound building and effective grouping, who has only lately married and found out that life is worth living. The genial Asman, of Asman & Dunn, whose perennial good nature the lightning could not destroy. Dr. Smith, of old Mexican research, and whose honorary membership is, too, an honor to the club. And Mr. Briscoe, another honorary member, whose glxoinias and cannas and gladiolus would do honor to a professional.

Many more that time and space forbids our giving worthy notice, but all of whom you'll see and know when the 15th of August dawns.

Where will you find a larger membership? And when will you enjoy, think you, a larger welcome? Not a visitor will go away from this convention until he is full of happiness and appreciation. AUSTIN.

THE EXECUTIVE COMMITTEE.

One matter that requires a little attention from the members of the Society of American Florists is the "star chamber" methods of its executive committee. This meeting behind closed doors and allowing no information to leak out except through its secretary is decidedly un-American and not in keeping with the traditions of the society.

It gives color to the charge that there is an "inner circle" and the committee should be, like Caesar's wife, "above suspicion." The committee may be within its rights in keeping its proceedings "quiet," but in any event it would be wise for the members to instruct it that its acts should have the fullest publicity. We trust this action will be taken at Detroit.

NEW YORK.

The Convention.

It is as usual impossible to say how many will go from here to the convention, but it is estimated that from 30 to 40, probably 50, will go. There are many who rightly cannot decide till the last hour, and it is safe to assume that when this class find out what a jolly and distinguished party is going hesitation will disappear. Remember the delegation will leave Cortlandt street ferry at noon on Monday, and you can see the ticket agent at Cleary's from 11 till it's time to move. Go and whoop it up for old New York. We want the convention here because

we desire to show old friends and new what can be done in the way of exhibitions, not merely a trade show, but a wonderful show of rare plants from private collections. The several gardeners' societies will take advantage of the occasion to show their various influences in horticulture, and if there is going to be any change in the society's name it will be well to consider them.

Bowling.

Regarding bowling, it's like "every dog barks best at its own door;" it's any team's game yet. There may be two teams from this city, and surely they ought to do something between them. The last call at the alleys last night resulted as follows:

	1.	2.	3.
W. Siebrecht	154	123	112
F. Atkins	148	133	158
S. Butterfield	115	126	126
J. Troy	101	105	128
P. O'Mara	181	177	159
F. Traendly	141	140	138
J. Withers	158	162	134
H. Bunyard	124	123	133
W. Stewart	79	115	109
J. Donlan	92	95	102

Various Notes.

There's not much worth recording in a business line. John Raynor goes away on a well earned vacation this week. There is rumor of another wholesale house coming to Twenty-eighth street; it's a pity they could not all be located in this street; it would be better for all.

We regret to report the death of Jacob G. Bebus at his late residence, 118 West Eighty-fourth street, on August 5th. Mr. Bebus was an old-time florist who at various times occupied stores on Broadway. Many will regret to hear of his demise.

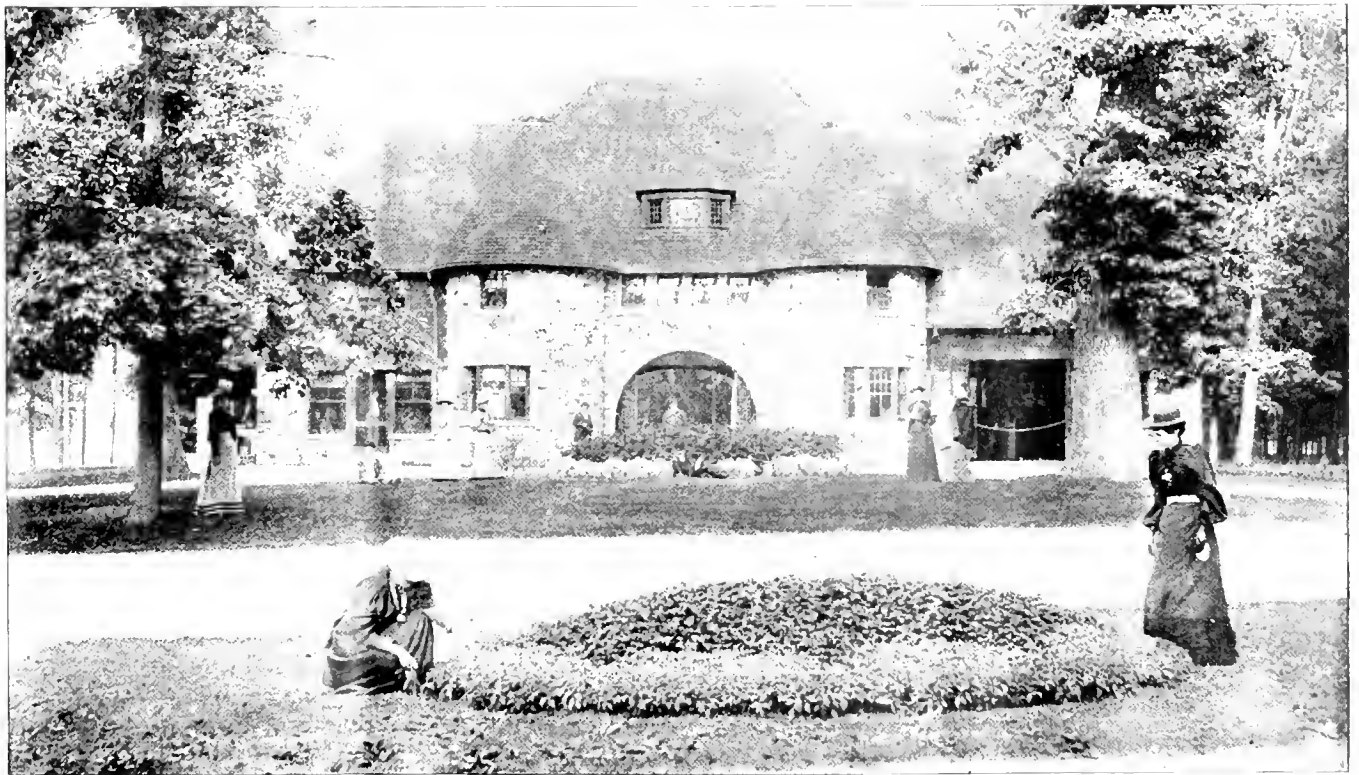
Steady nerves on the alleys.
Shout for the old town.

IVERA.

BOSTON.

Review of the Market.

While last week showed quite an improvement over the usual midsummer dullness, the present week has been quite the reverse, and all kinds of stock has accumulated until there is hardly anything that is quotable—it is a case of get what you can. Brides and Maids, from grafted stock, seem to run better than the average, prices ranging from \$2 to \$6 per 100; Kaiserins will run up to \$8; Beauties are scarce and bring as high as \$3 per dozen. Carnations are much in evidence, the better quality being cut from those in the field. Some very fine Scotts showing, which sell at \$1.25 per 100; more common stock ranges from 50 to 75 cents. Asters are now very plentiful, and have taken quite a drop from last week: from 15 to 50 cents per 100 is the range of prices. Sweet peas plenty, but with short stems and with light call; 20 to 35 cents per thousand. There is quite a lot of odds and ends, such as helianthus, rudbeckia, fever-



Detroit Views, Both Wet and Dry.

few, gladiolus, achillea, etc., done up in bunches to sell at 25 cents per bunch.

The Saturday Exhibition.

This week was devoted to annuals, and some fine collections were shown by Mrs. John L. Gardner, Mrs. E. M. Gill and C. H. Souther, who received 1st, 2d and 3d prizes, respectively. There was an elegant collection of perennial phlox shown by Rea Bros., of Norwood, Mass., fifty-six distinct varieties. Mrs. John L. Gardner and Norris Comley both had fine exhibits of phlox. J. Warren Clark had a nice collection of named gladioli, and W. C. Wheeler received a 1st class certificate for a plant of *Oncidium sarcodes* and an honorable mention was awarded to Oakes Ames for a collection of botanical orchids. Mr. H. H. Hunnewell had a fine show of cut orchids and some elegantly colored bloom of ixoras and seedling rhododendrons.

The News.

It seems as though all the prominent tradesmen were out of town, this being surely a season of vacations. W. H. Elliott and son leave next week on a camping trip down among the pine woods of Maine.

Tom Walsh, of Galvin's Tremont street store, leaves for Philadelphia on Monday, combining business with pleasure.

Miss Smithers, of McCarthy's, has gone to Halifax for a two weeks' trip.

Dan Predergast has taken a trip to New York looking up more business.

Messrs. Stewart, Nicholson, Elliott and Pierce are among those who are intending to take in the convention at Detroit.

S. S. Pennock, of Philadelphia, has been in town this week. P.

BUFFALO.

A Dry Time.

We have a few showers occasionally—enough to keep our lawns green. But a few miles in the country, oh! how dry. I never remember it as dry. Some of the farms in Genesee county have blown away and you have only the sub-soil left.

A Bad Manager.

Some years ago Mr. W. F. Kasting started a branch of his commission house in Pittsburg and put in Mr. Fred Stokes as manager. The business was all right, but Mr. Stokes was all wrong. A recent visit has revealed a sad state of affairs. He was deceived and swindled by this Mr. Fred Stokes, late of France, late of Mashonaland, late of anywhere where honest men could be robbed. Wm. F. helped him when out of employment, raised him to a respectable position and sent him to Pittsburg, where for a year past by an elaborate scheme of falsehood and

roguery he succeeded in abusing the confidence of a good man. Mr. Kasting will go sailing along to prosperity, while Mr. Stokes' physiognomy will adorn the rogues' gallery.

Death of Wm. McMillan.

Your readers, many of them, will remember our late park superintendent, Mr. Wm. McMillan, whose death occurred at Newark, N. J., on July 31. Mr. McMillan was a strong, well preserved, rugged man, but he succumbed to apoplexy after a few weeks' illness, at the age of 69. The writer, with hundreds of others of our citizens, attended his funeral on Friday last, and he was laid to rest in our beautiful Forest Lawn.

Wm. McMillan was born in Nairn, Scotland, in 1830, and came with his parents to America in 1859. After years of experience in several of the fine gardens in the neighborhood of New York, he was sent to Buffalo in the fall of 1870 by Mr. Olmstead, of Boston, to plant our new park, which was that year begun. After the landscape architect and engineer had completed the most important features of the park system, Mr. McMillan was made superintendent, which position he filled till January, 1898. Perhaps no man in America carried out the ideas of the landscape architect more earnestly, faithfully and with such a cordial spirit as Mr. McMillan. The elder Olmstead and Mr. McMillan were bosom friends. Contrary to what a contemporary says at long range about our Park Commission, there is no change officially only in the personnel. All employees are appointed by the commission, but for many years the park commission was composed of the leading men of the city, who properly believed that Mr. McMillan knew more about park affairs than they did, and for years Mr. McMillan's life was a pleasant one; but a change came; the commission (fifteen of them, rather an unwieldy body) was composed of men who had a hobby, and where so many have different views, it was hard to please all. Unpleasantness arose, and finally Mr. McMillan resigned.

His valuable services were in demand in several places, and perhaps he chose Essex park because it was construction work, which was so congenial to his taste and suited to his ability. Editors of papers and individuals may have disagreed with Mr. McMillan in his park management, or some minor detail of it, but no man could be at enmity with him personally. He was the soul of honor and manliness. Charitable with his kind words and sympathy for all, and with his purse, to a fault.

Our local papers speak of him as they only could of an honored and leading citizen, and at his funeral sat the venerable millionaire by the side of the park laborer, and with hundreds of others attesting the love, honor and respect in which he was held.

Visitors.

For several days we have had the pleasure of the company of Mr. and Mrs. Peter Crowe, of Utica, journeying on their road to Detroit. Glad of it. We have had an opportunity of getting thoroughly acquainted with the amiable and refined Mrs. Crowe and must confess we are surprised that she would travel through the country with such a man as P. C.

The Convention.

I believe we are going to have a great convention. Detroit is one of the loveliest cities of this continent, with the best of climates. I look forward to it with limitless pleasure, and oh, what a game of bowls that will be. I had a vision. Like a true vision, it was involuntary. "'Tis the sunset of life gives me mystical lore and coming events cast their shadows before." I saw in the vision a large blackboard, and Mr. Whitnall, of Milwaukee, stood beside it hollering out in his usual vivacious manner: "Here you are, gentlemen; here's good odds against any of them; take your choice, gentlemen, to win on one, two; come on, boys; good odds agin any on 'em."

Strange I can remember the figures distinctly, and I was surprised at Mr. Whitnall's knowledge of the various teams. The board stood as follows at the start, with Mr. Giesy, of Cincinnati, altering the odds as any big sum was put on any one line. Before the vision passed away, E. M. Wood, of Natick, placed a large commission on New York for a place, which reduced the odds considerably against that team. W. J. Palmer bet 200 to 100 on Buffalo, and Mr. Giesy, the chalker, wiped it off the board.

	To win.	1-2
New York	10 to 1	4 to 1
Flatbush	6 to 1	2 to 1
Philadelphia	15 to 1	8 to 1
Boston	50 to 1	20 to 1
Buffalo	1 to 2	out
Pittsburg	5 to 1	6 to 4
Minneapolis	100 to 1	20 to 1
Detroit	66 to 1	20 to 1
Cleveland	200 to 1	50 to 1
Chicago	16 to 1	6 to 1
Milwaukee	12 to 1	4 to 1
St. Louis	2 to 1	2 to 3
Omaha	3 to 1	even
Cincinnati	25 to 1	10 to 1

Mr. Geo. Asmus is stamping around on his native heath for a week and will also take in Detroit. George is looking well and fat. W. S.

CHICAGO.

The Market.

There is little change in market conditions. The supply of roses is small and there is sufficient demand to take them all, with even a shortage at times. All the wholesalers agree that business is remarkably good for the dull midsummer season. Some very good carnations are being cut from plants outside.

Various Items.

Omaha, St. Paul and Milwaukee florists who will attend the Detroit



Conservatory Connected with the Store of Mr. J. F. Sullivan, Detroit.

convention have announced their intention of joining the Chicago party and there promises to be a big crowd on the Wabash train leaving here at noon next Monday. And the latest program of the St. Louis delegation will enable them to make a junction at Montpelier, so all will reach Detroit together on the same train. The Chicago committee has arranged for a first mortgage on the dining car on its train.

Bassett & Washburn are busy planting their two large carnation houses, which together hold 10,000 plants. The season has been so favorable for the growth of carnations in the field that their plants are already so large as to need immediate staking. And the weather has been exceedingly cool and generally favorable for early planting.

Mr. E. C. Anling is confined to his home by illness.

Mr. C. L. Washburn has been under the weather but is now attending to business again.

Mr. Chas. Dickinson has returned from the east. Mrs. Hunt will remain at the old home for several weeks.

Recent visitors: E. G. Reimers, Louisville, Ky., en route with his family to Green Lake, Wis.; Geo. E. Crabb, Grand Rapids, Mich.; W. A. Kennedy, Milwaukee.

Bowling.

Through the efforts of Walter Kreitling the Brunswick-Balke-Collender Co., of this city, will offer some handsome prizes to be competed for at Detroit. See list of trophies elsewhere in this issue.

At the practice games last Friday evening the averages were as follows: P. J. Hauswirth, 173; E. F. Winterson, 112; John Degman, 141; Walter Kreitling, 141; J. S. Wilson, 138; A. Henderson, 132; J. C. Vaughan, 113; M. Barker, 102; A. C. Brown, 83.

CLEVELAND.

From Detroit to Cleveland and vice versa by boat is about as pleasant and economical a trip as the florists can take who go by way of Cleveland to the convention. I found the street car strike a serious question amongst the florists there. Its effects have been felt of late most annoyingly. Still the window decorations are as effective as ever and the future, to a Clevelandite, always looks encouraging.

"Nearly everybody" is going to the convention. A fine bowling team, all the "stand-bys," ex-Presidents, executive committeemen and a lot of the ladies. In fact, the ladies are going to

be a potent factor this year in making your convention interesting. "God bless them!" as Brother Carmody says. What would a convention be without them? They will receive a cordial reception from the Detroit florists' wives and sisters and sweethearts, and more drives and suppers and attention than they imagine. Every florist within 500 miles of Detroit should take his wife along. The old bachelors will find plenty of Detroit maidens to keep them guessing!

Adam Graham & Sons have everything almost ready for the fall season. Mr. Graham, Sr., has remodeled his home and enriched it with every convenience so that it is as perfect as his better half planned it.

A. Graham, Jr., is also building a home for himself and bride to spend their honeymoon in, and has returned from his wedding trip looking ten years younger and happier than when I saw him last.

Mr. Brinker, the seedsman, whose window is always full of palms and who caters to the florists in a wholesale way, has just completed a large warehouse and cellar for his increasing business in seeds, potatoes, bulbs, etc. His success during the past two years has been phenomenal.

Wagner was enjoying a hard earned rest at the equine exhibition of speed when I called, but it's the first time I ever caught him out. And as I only had a day to spare he had the misfortune to miss me.

Smith & Fetters had a gorgeous window of golden rod, and their handsome store looks as neat as ever while the addition of their greenhouse at the back gives them facilities for decorations they did not enjoy when I was here before.

Miss Eadie has enlarged her store to almost double its former size and reports a steady summer trade uninterfered with by the subletting of part of her establishment to the express company.

ST. LOUIS.

The Market.

Business seems slower than last week and the general verdict is that there is very little doing. Many of the proprietors and clerks are off on vacations.

Kaiserins are coming in in good quality and quantity, bringing \$2 and \$3 per 100. Most of the rose stock is badly mildewed and short stemmed. Carnations, field grown, bring 50 and 75 cents; a few extra fine flowers sell at \$1, but not many. Sweet peas are about over; asters are very plentiful and are down to 50 cents per 100; some extra fine ones bring \$1. The latter part of the week there was quite

ages, since the last convention, at Omaha.

The Evans Cup has been shipped to Mr. Geo. A. Rackham, at Detroit, and is now displayed in the window of Mr. Sullivan. We hope the boys at Detroit will take good care of it, as we expect to take it back to St. Louis with us. | We hear that the cry at Detroit will be, "Anything to beat Philadelphia and St. Louis." Any club that beats the above teams will know that they have been in a fight. We must win the cup again or we will be homeless.

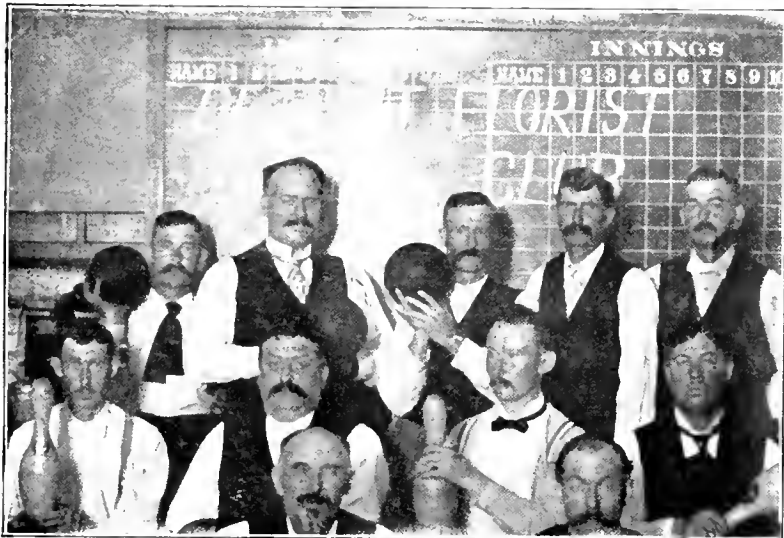
The following florists will represent St. Louis at the convention at Detroit next week: Mr. and Mrs. F. C. Weber, Mr. and Mrs. John Young, Mr. and Mrs. J. W. Kunz, Mr. and Mrs. C. A. Kuehn, Mr. and Mrs. J. J. Beneke, Mr. and Mrs. A. S. Halstedt, Mr. and Mrs. Fred Meinhardt and sister, Mr. and Mrs. Chas. Connon, Mr. and Mrs. Otto Koenig, Carl Beyer, Robt. Beyer, Emil Schray, C. C. Sanders, R. F. Tesson, Chas. Weber, Wm. Pape, Geo. Windler, E. H. Michel, Henry Berning and E. W. Guy.

Bowling.

The bowling club on Monday night rolled three games. The attendance was good and some fair scores were made. The team that will do the rolling at the convention has been rolling every Friday night, and will roll again this Friday, the last before going to the convention. The scores of Monday night were as follows:

	1.	2.	3.	Tl. Av.
C. A. Kuehn	150	183	157	490 163
J. W. Kunz	181	142	147	470 157
J. J. Beneke	152	159	151	462 154
C. Beyer	132	148	178	458 153
C. C. Sanders	142	168	140	450 150
E. Schray	119	162	108	389 130
J. Young	124	141	123	388 130
F. C. Weber	..	149	110	259 130
F. H. Weber	100	130	144	383 127
E. W. Guy	90	140	132	362 121
A. S. Halstedt	94	120	122	336 115
F. J. Fillmore	117	89	80	286 95

J. J. B.



The Detroit Bowlers Ready for the Fray.

Mr. Gasser's store is always lively, and while I called box after box of cut flowers from his two ranges made me wonder how he ever managed to dispose of half of them. His new carnation "Merrimac" is a beauty, exactly like Lawson in color and a wonderful bloomer. It will be offered to the trade next season. Mr. Gasser will be at the convention, but he doesn't think Detroit can beat the Cleveland meeting in 1896. One thing is sure, we can never hope for a better exhibition hall than we had in Cleveland.

I had time before my boat started to make one more call, and of course I tested the generous hospitality of Mr. Hart. Florists, drummers and everybody is welcomed there, and a visit to his neat houses and grounds is always an inspiration. Mrs. Hart is away on her vacation and he is as lonesome as usual under such conditions, but he is looking forward to the convention to make up for it, and actually thinks the "Clevelands" will bowl themselves to victory.

AUSTIN.

a demand for white stuff, probably on account of extra funeral work. The general out-door stock, such as tuberoses stalks, asters, hollyhocks, candytuft, hydrangeas, and others, bring very little, prices being rather unsettled. Ferns, asparagus and smilax are quite plentiful, with very little call.

Convention Matters.

The program is now that the St. Louis party will leave Monday morning, August 14, over the Wabash, and arrive in Detroit at 8:15 p. m. The party will number about twenty-four, perhaps thirty, and most of the members will take their wives with them. Tickets will be secured by addressing Mr. J. W. Kunz, 822 Olive street.

The bowling team that is to represent St. Louis at Detroit will be made up of the following members:

C. A. Kuehn, J. J. Beneke, C. C. Sanders, Carl Beyer, John W. Kunz, Robt. Beyer, Emil Schray, John Young and F. C. Weher. These are the nine best bowlers, according to the aver-

NEWPORT, R. I.

The Newport water works, which supplies the city, has been advertising that the use of water for lawn and garden purposes should be discontinued, owing to short supply in view, but Jupiter Pluvius has somewhat aided gardeners and florists recently, so that the water works company can postpone strict rules regarding water.

The sign, "Grapes, melons, nectarines, etc., for sale," displayed on some of the estates owned by absent millionaires, indicates continued competition with the ordinary florist and gardener.

The views of lawns and decorative plants on the Cliffs in several cases are now hidden from the view of the passerby—the owners of those estates building walls and so lowering the sidewalk that such view is completely hidden.

At the recent dinner given by Hon. C. M. Depew "Beauty" roses constituted the main decoration.



The Woods, Belle Isle Park, Detroit.



Great Western Boulevard, Detroit.

The veteran florist, Mr. Thos. Galvin, still continues to attend closely to business, being just now engaged in landscape work for Mrs. Slater, sister of Miss Gammell.

The Newport Horticultural Society since its incorporation is entitled to the sum of \$500 per year from the state to forward the purposes of such incorporation. This state recognition and financial aid will tend to materially advance the objects of the society. Owing to a combination of unfortunate circumstances the last show of the society was not a success; in fact the weather and employers' interests prevented the best results. The maxim to make hay "while the sun shines" is particularly applicable to this summer city.

Miss Fadden has had her store on Bellevue avenue so extended that the exhibits in her window are worthy of note; and the many swell equipages that draw up at her door evidence a flourishing trade from the cream of the 300.

Mr. Frank Brunton, recently manager of the Newport Nursery Co., now fills the position of gardener for the estate of T. M. Davis. Mr. Lipps, the former gardener there, having gone into business on his own account at New Bedford, Mass. As an enthusiastic member of the Newport Horticultural Society Mr. Lipps bears with him warm wishes for speedy success.

Butler & Son, florists, are making extensive repairs to their greenhouses.

So far the kissing bug has not left its mark on our florists or gardeners.

M.

ESTABLISHING BUSINESS AS A GROWER.

By W. H. ELLIOTT.

[Read before the Gardeners' and Florists' Club of Boston.]

(Concluded.)

Marketing Stock.

All flowers should be cut carefully to get them in the most marketable condition. They should be handled at all times with the greatest care, and by some system which would reduce the handling to a minimum. A proper place should be provided for keeping them. An underground vault of good size, situated on the north side of your buildings, away from the heat of the sun, I have found to be the best. All flowers had better be cut from twelve to twenty-four hours before marketing. Care in handling, packing and bunching is of the greatest importance. The extra labor that some of our growers go to in the careful handling and marketing of their stock is really surprising, but it pays, and those who have adopted that method seem to continue it, and other growers are adopting the same. Make every effort to meet the demands of the business; bring just as many flowers as you possibly can when flowers are scarce. A grower who gets the reputation of having a large stock of stuff when nobody wants it and none when it is scarce

will find it hard to realize a good average price. This condition of short supply when there is large demand and a large supply when there is little demand, is the greatest natural drawback in the business.

Keeping of Accounts.

A greenhouse business is one in which an unlimited amount of accounts can be kept. A grower will have to make up his mind how far he wishes to go in this line. Growers as a rule do not go very far in that way, and for that reason get a reputation of being very poor business men. A grower selling all his flowers for cash in the market and handling his money himself could get along very well and keep no accounts at all. Some growers coming into our market do business in that way, but it is hardly to be recommended. No grower can successfully carry on a business without credits in some way or other. Charges must be kept with the greatest of care, and credits on the same with equal care. A cash book and a charge book should be kept, if nothing else. I believe, however, in a grower keeping as complete accounts as possible. The number of flowers of each kind cut from the different houses, and the amount of money received for these different varieties is the best indication of where the profit comes from, and what lines it is best to increase. The average price received from day to day is something every grower should know, but very few do know.

Be careful to whom you extend credit. To many customers it is an unkindness to extend credit. Collect bills promptly when due; the more promptly the easier collected and the better opportunity to sell more goods.

A bank account should be opened by every grower. It is the best way to take care of your money, and you can always have money on hand to make use of in case of emergency. At least once a year pay up all your bills, balance up all accounts, and find out as well as you can just where you stand.

Chance of Success.

What leads to success is what everybody wishes to know. First, and most important of all, is good judgment in laying out a definite plan to work by. I think this of much more importance than it is generally thought to be. So much so, that I have my plans for what I intend to do laid out at least two years before any new building or rebuilding is done, and by that means can correct many mistakes which might be made by acting on indefinite plans. Knowledge of growing and of business is a great advantage, but it is surprising how well many succeed who have started in with very limited knowledge. This is undoubtedly owing to their good judgment. Courage is very necessary, as a discouraged man never accomplishes very much. Economy would need to be practiced for the first year or two to such a degree as to become a fine art. Industry, or, in other words, hard

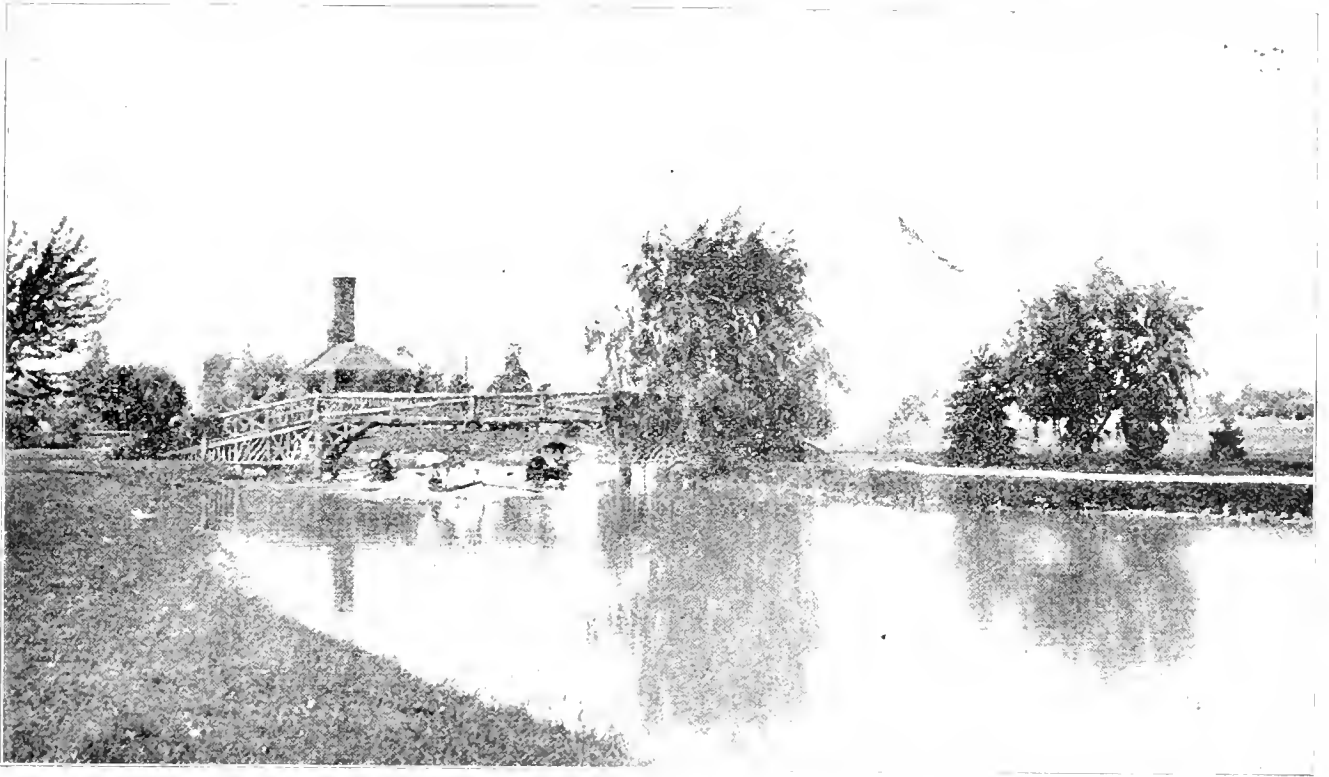
work is indispensable. The way a grower with limited capital would need to work for the first year or two to successfully establish a business in these high pressure times would give a man sentenced to hard labor an idea he was simply taking a midsummer vacation. It is commonly asked, "Will I meet with success?" We never meet with success these days but have to overtake it, like Death did with the Irishman, whose friend was asked if he met Death bravely, when he answered, "He didn't meet it, it overtook him." The only grower that meets with success is the carnation hybridizer. But those who know the raiser of the \$30,000 carnation well know he has followed after success in a way that gave it no chance to escape him.

Don't worry about getting credit. You will find it very easy to get more than is good for you, for after a successful first year you will find the coal man that wanted his money for your coal as it was delivered when you started will want to know why he can't put in your winter's supply and collect the bill six months later. When you ask for credit be sure and ask for all the time you need, and then be sure to pay just when you say you will. You will thereby find your credit better than if you paid cash. After a year or two if you are successful you will find yourself where our government is at the present time—considering the question of expansion. I have concluded that when the expansion idea gets fixed in a grower's mind, it can only be removed by death. He will always want one more house or one more range of houses, as long as he lives. But don't look on these expanders as the only successful growers. Who will say that the quiet, contented man working along in his easy-going way, bringing up a family of refined and well-educated children and himself a citizen that is a credit to any town, even if he does not build a new greenhouse every year, is not a successful grower? The number of just such growers which we have in our market have made it the success it is, and are a great credit to the profession.

CATALOGUES RECEIVED.

Samuel C. Moon, Morrisville, Pa., ornamental trees, plants, shrubs, vines, etc., also fruit trees and plants; New York Market Gardeners' Ass'n., Box 2341, New York City, wholesale price list of new crop of pansy and other seasonable seeds; E. G. Bunyar, Independence, Mo., wholesale price lists of plants; Chas. D. Ball, Holmesburg, Phila., Pa., wholesale price list palms and decorative plants; Ellis & Pollworth, Milwaukee, Wis., wholesale cut flower price list; Ellwanger & Barry, Rochester, N. Y., strawberries, Holland bulbs and specialties.

STRATFORD, ONT.—The Stratford Horticultural Society will hold an exhibition of flowers and fruits September 1 and 2. J. P. Woods is secretary.



Views in Belle Isle Park, Detroit.

Practical and Economical....

These words suggest to a Horticulturist the National Florists' Board of Trade, publishers of Trade Lists, furnishes reports, makes collections, and its members believe that money saved is money earned. If you are not a member, you should join now.

.....ADDRESS

CORNELIUS S. LODER,

Rooms 54, 55, 56 National Shoe and Leather Bank Bldg.

271 Broadway, NEW YORK, N. Y.

THE LETTER A.

Under the letter A the following subjects are most exhaustively covered by Mr. Scott in the Florists' Manual. The best method of cultivating commercially these thirty-five important plants is covered fully and in a practical way by a practical man, and there are eighteen illustrations with these articles. The letter A is alone worth the price of the book:

Abutilon.
Acacia (illus.).
Acalypha.
Acanthophoenix (illus.).
Acer Japonicum.
Achillea (illus.).
Achimenes.
Acrophyllum.
Adiantum (5 illus.).
Agapanthus.
Agave.
Ageratum.
Allamanda.
Alocasia (illus.).
Aloysia citriodora.
Alternanthera.
Amaranthus.
Amaryllis.
Ampelopsis.
Ananas (illus.).
Annuals.
Anthericum.
Anthurium (illus.).
Antirrhinum.
Aponogeton (illus.).
Aquatics.
Araucaria (illus.).
Ardisia.
Aristolochia.
Asparagus (2 illus.).
Aspidistra.
Asplenium (illus.).
Aster.
Astilbe (illus.).
Azalea (illus.).

EXPANSION.

Expansion is the order of the day and among those who have been expanding none seem to have expanded in better shape than M. Rice & Co., of Philadelphia, the well known manufacturers of and dealers in florists' supplies.

They have moved into their beautiful new five-story building at 918 Filbert street, which is of an expanded size more adequate to their expanded

business, and are naturally in a better position than ever to supply the wants of the trade in their line.

We hear good reports of the goods and business methods of this firm and are pleased to see them forge ahead.

BUFFALO BOWLERS.

Following are the scores of the last practice games, and the players include four who will be in the Detroit team:

	1.	2.	3.	4.	5.	6.
Wm. Scott	142	200	116	164	163	117
G. McClure	157	139	144	143	129	132
H. Buddenborg ..	143	119	93	129	107	
G. Schmidt	129	130	175	187	133	
W. A. Adams		114	115	104	84	
P. Scott		103	214	134	156	
W. B. Scott	117	130	146	148	146	160
Peter Crowe (chief rooter for the Buffaloes at Detroit)						209

Mr. Cornelius S. Loder, secretary of the National Florists' Board of Trade, will attend the S. A. F. convention at Detroit next week.

**SEND
ADVS.
QUICK
for our
Convention
Number
to be issued
Next Week.**

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR SALE—A bargain, if taken at once. \$150.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

FOR SALE OR RENT—Four greenhouses and dwelling; good retail stand. A. Claus, Springfield, Ill.

FOR SALE—Second-hand Devine hot water boiler, 9 feet long, 23 flues; will sell cheap for cash. Address A. Pedersen, Oak Park, Ill.

SITUATION WANTED—By carnation specialist. Good references. Address C. care Florists' Review.

SITUATION WANTED—By good all-round grower. Absolutely responsible and capable of taking full charge. References. Address 30, care of Florists' Review.

WANTED—Position as foreman by a good all-round florist, 6 years foreman in present place. Address A. C., care of Florists' Review.

WANTED—To rent, a few small greenhouses, must be on the North Side, Chicago. Address 20, care of Florists' Review.

Great Bargain. We offer the greatest bargain in existence to any one wishing to buy a first class establishment. Only built two years ago and everything in first class shape. Heated by steam, city water, and every convenience to be found on a first class establishment. 13,000 ft. of D. A. glass. Price complete, including stock, tools, supplies, etc., \$3,600. Those meaning business, write at once. Address "Great Bargain," care Florists' Review, Chicago.

We want to Exchange

Field-Grown Carnations — Empress, Evelina, Psyche and John Young, for 250 Flora Hill and 250 Jubilee, equal.
Address

A. MITTING, MORRIS, ILL.

Mention The Review when you write.

...FOR SALE...

On account of poor health I want to retire from the greenhouse business and now offer my greenhouse establishment for sale, which is one of the best paying and best arranged greenhouse plants there can be found anywhere in a city of 10,000 people; no opposition and only 20 miles from St. Louis, where you can realize a better and bigger profit on the price I ask than you possibly can make anywhere else with less labor and expense. Profit on home trade netted 25 per cent. on price asked.

Write for full description if you mean business. Address Missouri, care Florists' Review.



...EXPANSION...

of our increasing business is best emphasized by our removal to our
NEW CENTRALLY LOCATED FIVE-STORY BUILDING.....918 Filbert Street
 where we now have the **LARGEST** and **HANDSOMEST** quarters of any
 Florists' Supply House in America.

Our Moving has taken up all of our time and prevented us from making an exhibit at the Convention. However, our Mr. M. Rice will be there as usual and will be glad to see you and give you "pointers" and all information in reference to **Florists' Supplies**. Do not fail to have a talk with him; you will be repaid.

Broad Business Ideas made the expansion of our business necessary. Up-to-date Florists keep in close touch with us.



OUR NEW BUILDING.

Make Our Place Your Headquarters.

We are always glad to see you.

M. RICE & Co.

Importers and Manufacturers of

Florists' Supplies,

918 Filbert St., PHILADELPHIA, PA.

Finest Florist Catalogue for the asking.
Write, Wire, Phone or Call.

A FEW OF OUR LEADERS

- Our Famous and Unexcelled.....
- Wheat Sheaves,
- Palm or Cycas Leaves
- (both dull or natural and glazed finish),
- New Crop Cape Flowers
- (fine and large),
- Baskets, Hampers,
- Pot Covers,
- Plant Stands,
- Immortelles, Doves,
- Chenille, Foil,
- Metal Designs,
- Artificial Flowers and Leaves,
- Dried Grasses, Etc.

J. AUSTIN SHAW.

J. Austin Shaw, who has been in New York and vicinity during the past week, returns on Saturday to Detroit, and will represent many of his firms at the convention.



If any of the florists who are coming desire his assistance in any way, as to hotel accommodation, or wish any information of any kind, he will be glad to hear from them.

His address is the Oriental Hotel, Detroit.

RIVERTON, N. J.

The married and single men of Henry A. Dreer's battled for supremacy in a game of ball on Saturday, August 5, which resulted in a victory for the single men. The game was strictly on its merits. Fatty Griffinborg, who tips the beam at 285 pounds, proved himself a real leather pounder by making four two-base hits out of five times at the bat. The features of the game were the phenomenal one-hand catch of Scholler and the effective coaching of James Flynn. The married men have it that the umpiring of Duffy will long be remembered. The score: Married men, 26; single men, 28.
R.

ROCHESTER, MINN. — Roderick Campbell has arrived from New York City to take the position of florist at the State Hospital.

WATERBURY, CONN. — The new store of Charles Walley & Co., at 118 South Main street, was opened July 29. Mr. Walley was formerly with Fleischmann, New York.

GREEN BAY, WIS.—Raymaker & Sons will erect a large greenhouse on their property east of the city.

CONNERSVILLE, IND.—C. A. Rie-man is building a large new house, which will give him a total of 10,000 square feet.



Butted Glass.

This is no longer an experiment, it has come to stay. There are various ways of making Butted Roofs, but the best way is with the

Clipper Bar.

With this bar you can make a roof that is absolutely free from drip, and glass cannot be torn out by the wind. Butted glass makes a tight roof, a warm house and saves fuel. It lasts longer, looks better and costs less than the old-fashioned roof. But do not think that this is the only bar we sell, for it is not; we furnish what people want and there is nothing in greenhouse material that you cannot get from us, and all of open-air-dried Cypress clear of bright sap, stained sap, knots and all other defects.

Lockland Lumber Co.

Write for Circulars
or Estimates.

Lockland, Ohio.

Mention the review when you write

WE HAVE LEFT THE FOLLOWING

Choice Rose Plants

THAT ARE AS NICE AS CAN BE GROWN IN EVERY WAY, which we are anxious to sell at a very low price to make room.

We guarantee them first class in every respect.

4,000 Beauties, 3-inch pots, at 5 cts.	2,300 Brides, 3-inch pots, at 4 cts.
1,400 Bridesmaids, 4 " " 5 cts.	500 Brides, 2 " " 2 cts.
2,000 Bridesmaids, 3 " " 3 cts.	1,600 Meteors, 3 " " 3 cts.
6,500 Bridesmaids, 2 " " 2 cts.	500 Meteors, 2 " " 2 cts.
700 Brides, 4 " " 5 cts.	

All stock is free from disease, strong and healthy.

Shipments to be made from our Greenhouses at Hinsdale, Illinois.

Bassett & Washburn, 78 Wabash Ave. Chicago.

Mention The Review when you write.

FIRST QUALITY FORCING ROSES == PERFECTLY HEALTHY and grown especially for late planting.

Only selected growth from flowering shoots used in propagating.

SUNSETS.	SAFRONO.	PRESIDENT CARNOT.	KAISERIN.	METEOR.
MAIDS.	WOOTTONS.	PERLES.	MME. HOSTE.	

3-inch pots, \$7.00 per 100; 4-inch pots, \$12.00 per 100.
400 Grafted BRIDESMAIDS, 3½-inch pots, \$12.00 per 100.

Mention The Review when you write.

J. L. DILLON, BLOOMSBURG, PA.

ROSES That will pay for themselves in six weeks after planting. Big, bushy plants, selected and grown expressly for our own use. A few thousand to spare from 3½ and 4-in. pots, \$5.00 per 100. Meteors, Brides, Maids and La France. Kaiserin, extra fancy, 3½ inch, 6c.

Smilax, extra strong, 2-in., \$1.00 per 100.
Latania Borbonica Palms, strong, 5-in., \$1.00 per doz.
Cyperus Alternifolius (Umbrella Plant), strong, 3 and 4-in., \$1.00 per doz.

CASH WITH ORDER.

SOUTH SIDE FLORAL CO., - - Springfield, Ill.

Mention The Review when you write.

ONLY

1000 2½-inch Beauties,
1000 2½-inch Woottons,
500 2-inch Brides,
2000 3-in. Smilax,

All at a Bargain. Write

GEO. A. KUHL, - - Pekin, Ill.

Mention The Review when you write.

FIRST CLASS Rose Stock.

I have left—

300 Brides, 3-in. 1000 Bridesmaids, 3-in.
Strong, well seasoned stock,
which I offer to the trade at
\$5.00 per 100, \$60.00 per 1000.
Samples sent.

**A. W. SMITH, 339 Sixth Pittsburg, Pa.
Ave.,**

Mention the Review when you write.

SEND IN YOUR ORDER NOW
for a copy of the

FLORISTS' MANUAL.

Dreer's Special Offer of Araucarias.



Araucaria Excelsa.

We have this season an exceptionally large stock of Araucarias, clean, well-grown plants of exceptional value.

Araucaria Excelsa.

- 4-inch pots, 8 to 10 inches high,
2 to 3 tiers \$.60 each.
- 5-inch pots, 12 to 14 inches high,
3 tiers 1.00 each.
- 6-inch pots, 15 to 18 inches high,
3 to 4 tiers 1.25 each.

Araucaria Excelsa Glauca.

- 6-inch pots, 12 to 15 inches high,
3 tiers \$1.25 each.
- 7-inch pots, 15 to 18 inches high,
3 to 4 tiers 1.75 each.

Araucaria Robusta Compacta.

- 5-inch pots, 6 to 8 inches high,
2 to 3 tiers \$1.25 each.
- 6-inch pots, 12 inches high,
3 tiers 1.50 each.
- 7-inch pots, 18 inches high,
3 to 4 tiers 2.00 each.

For a full line of Decorative Plants and other Seasonable Stock see our Quarterly Wholesale Trade List.

See Dreer's Exhibit at Detroit Convention.

A comprehensive display of the leading Decorative Plants. Our representatives will be in attendance and pleased to show stocks, furnish prices and give all information desired.

HENRY A. DREER,

714 Chestnut St., Philadelphia.

Mention the Review when you write.

Fine Strong Plants FOR STOCK

Geranium Mme. Jaulin, 3-in., \$8.00 per 100. The Peach Pink Bruant.

Mme. de la Roux, all sold.

Abutilon Savitzii, 3-in., \$5.00 per doz. A grand bedding plant, grows dwarf and bushy—capital plant to use with Crotons.

Russelias Multiflora and Elegantissima,

2½-in., \$2.50 per doz. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy.

Browalia Gigantea, all sold.

Acalypha Sanderii, all sold.

READY NOW.

THE COTTAGE GARDENS, Queens, N.Y.

HOLLYHOCK SEEDS, my own grown, fresh Double White, 60c per oz., 20c per trade pkt., or \$7.00 per lb. Address J. J. VONDERSAAR, 1535 Madison Avenue, Indianapolis, Ind.

Mention The Review when you write.

CHINESE PRIMROSES.

Ready for 3-in. pots. Well known throughout the United States and Canada as the finest large flowering fringed varieties grown. Singles, named colors, \$2.50 per 100, \$20.00 per 1000. Doubles, named, \$4.00 per 100, \$35.00 per 1000. Extras added to help pay expressage. Strictly cash prices.

THE HOME OF PRIMROSES.

JOHN F. RUPP, Shiremanstown, Pa.

Mention the Review when you write.

Begonias.

ASSORTED VARIETIES.
FROM TWO-INCH POTS.

\$2.00 per hundred.

EXTRA STRONG.
CASH PLEASE.

EDWARD B. JACKSON
STAMFORD, CONN.

Mention The Review when you write.

PEACOCK'S New Dahlias

For 1899—Best New Varieties.
Best Old Varieties.

Send for our New Illustrated Trade List before ordering elsewhere.

Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequal record.

Best New and Standard Carnations — Beautifully illustrated and accurately described in our Trade List. Send for copy.

Surplus Stock of Mixed Dahlias — At right price. Also Dahlias under color. Correspondence Solicited.

W. P. PEACOCK, - Ateo, N. J.
Mention The Review when you write.

ST. PAUL.

A recent trip to Minneapolis was as usual full of pleasure and very interesting. E. Nagel & Co.'s place looks as sleek and clean as though dusted every morning with a feather duster. They are still cutting good carnations from benches planted last fall, the soil being kept clean and the plants in good shape, two important factors in growing carnations either in winter or summer. Jacob Hartman's place is in good shape. He is building a fine dwelling house near his range of glass, and from all indications has enjoyed a very prosperous season. C. A. Smith is erecting a large rose house, 35x110 feet. He uses butted glass, 18x18, and considers that the only proper way of glazing. This house when completed will give him a total of about 40,000 square feet of glass. His houses are located on a side hill and are among the finest in the state. He still clings to the Bennett and Siebrecht, and considers them as profitable as any he grows. At Fred Busch's, the vegetable king, we found cucumbers by the millions, that being his principal crop at this season of the year. He has recently adopted a very cheap and effective shading. He uses clay dissolved in water and puts it on with a hose by means of a force pump. This shading is very effective, is quickly and cheaply applied, and can be easily removed by the use of water. His pump cost \$6.00. As shading is a perplexing question to many it would be well to make a note of this.

VIOLETS.

We have received an excellent photograph of a house of violets planted in the new bottomless violet pots at the establishment of Messrs. Crabb & Hunter, Grand Rapids, Mich. The plants certainly make a splendid showing for this early in the season.

MORRISTOWN, N. J.—R. A. Elliott is building two fine houses, 100x20 feet, which will be used for roses and carnations. With the new houses he will have about 35,000 feet of glass which will be used to grow stock for his retail store.

H. C. Holmes is repairing his old houses and building one new one.

E. A. Holton reports a very good season.

LANSING, MICH.—J. A. Bissinger will erect a new greenhouse at his place on Capitol Ave.

PANSIES

The Jennings Strain of finest American Grown Pansies are considered by many florists to be the leading strain to date. All large flowering and of the most brilliant colors, and are sure to give satisfaction. Finest mixed seed, \$1 pkt., \$3 per 1/2 oz., \$5 per oz. Finest white, yellow, black and blue, \$5 pkt. of 1500 seeds. Cash with order.

E. B. JENNINGS, Southport, Conn. Lock Box 254. Grower of the Finest Pansies. Mention the Review when you write.

5,000 Begonia Rex and 5,000 Primroses, EXTRA FINE.

POT PLANTS.

Begonia Rex, assorted, 2 1/2-inch	\$4.00 per 100	English Ivy, 2 to 3 feet	\$5.00 per 100
" named	4.00 "	Manettia bicolor, 3-in.	6.00 "
Begonia Tuberous, 2 1/2-inch	5.00 "		
Lemon Verbena, 2 1/2-inch	3.00 "	GERANIUMS —2 1/2-in. Sweet Scented,	
Impatiens Sultana, 2 1/2-inch	3.00 "	Mrs. Pollock, Pansy,	4.00 "
Primrose, Chinese, 2 1/2-in. Extra Fine strain	3.00 "	Mrs. Parker	6.00 "

ROOTED CUTTINGS.

GERANIUMS Assorted	\$1.50 per 100	Abutilon Var. Trailing	\$2.00 per 100
Mixed	1.25 "	Begonia Rex	2.00 "
Mrs. Happy Thought	3.00 "	" Incarnata Gigantea	2.00 "
Mrs. Pollock	2.00 "	" Flowering	2.00 "
Mrs. Parker	4.00 "	Impatiens Sultana	2.00 "
Silver Leaf, Rose Scented, Ivy	1.50 "	Manettia bicolor	2.00 "
Mme. Salleron	1.25 "	Lemon Verbena	1.50 "
Freak of Nature	4.00 "		

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Mention The Review when you write.

Burpee's Seeds Grow

Herr's Pansies.

In trying new strains for the purpose of improving my own, frequently as few as a dozen plants are selected from \$5.00 worth of seed, as worthy a place in my seed bed, this is rather expensive for me but gives a remarkably fine strain for my customers.

Plants only. Free by mail at 75c per 100; 250 for \$1.50; 500 for \$2.50. By express, \$4.00 per 1,000.

ALBERT M. HERR,
Lancaster, Pa.

Mention The Review when you write.

ZIRNGIEBEL GIANT PANSIES.

Market and fancy strains. Unequaled as yet for size and brilliancy of colors, and the most popular strains to date. New colors added every season.

NEW CROP SEED READY NOW. Trade Packages of either strain at One Dollar each.

Full directions with every package how to sow and cultivate.

DENYS ZIRNGIEBEL,
NEEDHAM, Mass.

Mention The Review when you write.

Pansies WORTH RAISING....

Excellent Seed, 3-16-oz. \$1.00, 1-oz. \$1.00. Cash with order.

C. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.

Mention the Review when you write.

Hot-Bed

Sash.

Tenons white-leaded. Corners secured with iron dowel pins. Every detail of construction perfect. Made of Clear Cypress Lumber.

Quick Shipments.

We have in stock and can ship immediately:

- 3 ft. x 6 ft., 3 rows 10 in. glass.
- 3 ft. 3 in. x 6 ft., 4 " 8 in. "
- 4 ft. x 6 ft., 5 " 8 in. "

Not glazed, 1 1/4 in. thick.

Delivered Prices

Quoted on application. State size and quantity wanted. No order too small to receive careful attention, and none too large for our facilities.

LOCKLAND LUMBER CO.,

Lockland, Ohio.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

ESTABLISHED 1802

THORBURN'S SEEDS

JUST ARRIVED - FRESH SEEDS OF

Kentia Belmoreana,

\$4.00 per 1000 Seeds.

Kentia Forsteriana,

\$4.00 per 1000 Seeds.

While Unsold.

J.M.THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention the Review when you write.

BABY PRIMROSE.



The newest thing for Easter Blooming.

Flowers in thumb pots; grows rapidly, 6-in. pot, carry 50 to 100 sprays of rosy flowers, 12 to 18 in. long; lasts 4 weeks when cut and wholesale at \$2 per 100; grows finely in cool house; perpetual bloomer. 12 for \$1.50, \$10 per 100, express prepaid.

New Fragrant \$1000 CALLA.

Very dwarf and free bloomer, has the fragrance of violets and lilacs, \$1 and \$2 per 12, \$6 and \$12 per 100, mailed.

Asparagus Sprengeri.

2-in., 24 for \$1.50, mailed; \$4 per 100, express. 3½-in., 24 for \$2.50, mailed \$7 per 100, express.

A. BLANC & CO., Philadelphia.

Mention The Review when you write.

CRABB & HUNTER, Violet Specialists.

Orders booked now for FIELD-GROWN Plants, write for prices.

Bridesmaids, a few hundred fine plants cheap. 4-in. pots, \$5.00 per 100. Quick! Who wants them? Smilax, from 2½-inch pots, good, bushy plants, \$1.25 per 100.

GRAND RAPIDS, MICH.
Mention The Review when you write.

A Bargain One Rubber Plant, 4 feet tall, 5 feet diameter. A fine tree, healthy in every way, not a white spot on it, \$15.00. 100 fine Chrysanthemums, 20 varieties, all named, the latest and newest, from 4-in. pots, \$5.00 for the lot. They are healthy and clean. CASH WITH ORDER.

CHRISTIAN LAWRTZEN,
Box 262. Rhinebeck-on-Hudson, N. Y.
Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.



Michell's Special Offer

Cane Stakes

9 to 12 feet long. The best we have ever had. \$6.00 per 1000.

Mushroom Spawn

Fresh crop just received in fine condition. \$6.50 per 100 lbs; \$60.00 per 1000 lbs.

Flower Seeds

New crop is now ready of Pansy, Cineraria, Primula, Forget-Me-Not, Mignonette, Allen's Defiance in original pkts, \$1.00 per 2000 seeds.

OUR WHOLESALE LIST OF

BULBS, SEEDS, ETC.

IS NOW READY.

It will pay you to drop us a postal for one.

HENRY F. MICHELL,

**HENRY F. MICHELL,
FRED J. MICHELL.**

1018 Market Street, Philadelphia, Pa.

P. S.—Mr. Fred'k J. Michell will attend the Convention of the S. A. F., and will be pleased to meet our customers and florists.

Mention The Review when you write.

SMILAX...

Fine plants, out of 2-in. pots, \$1.25 per 100; \$10.00 per 1000.

CASH WITH ORDER.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

Mention The Review when you write.

SMILAX: 3-in., extra strong plants, \$2.00 per 100, \$18.00 per 1000.

VIOLETS: Marie Louise, strong held-grown plants, \$2.50 per 100, \$20.00 per 1000.

Cash with order.

Albert F. Amling, - - Maywood, Ill.

Mention The Review when you write.

CARNATION Cuttings ALL SOLD.

Field-grown Stock for Fall Delivery.

F. DORNER & SONS CO., La Fayette, Ind.

Mention The Review when you write.

Chrysanthemums

For Late Planting....

Very fine stock of recent propagation. Leading standard sorts, including some of the newer varieties, \$2.50 a 100, \$20.00 a 1,000; 250 at 1,000 rate. Our selection.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

Pandanus Veitchii.

8-inch pots, \$12.00 a dozen.
7-inch pots, 18.00 a dozen.
8-inch pots, 24.00 a dozen.

Stock is in excellent condition.

JOHN WELSH YOUNG,
Upsal Station, Penna R. R. GERMANTOWN, PA.
Mention The Review when you write.

Rooted Cuttings of Carnations ALL SOLD.

We are booking orders for Field Grown Plants.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention the Review when you write.



"CATTLE COMFORT" keeps Cows and Horses free from Flies, Gnats, etc.
SLUG SHOT KILLS SOW BUGS

Preserves vegetation from destruction by insects, preserves foliage and is always safe. In use since 1880. Is sold by the Seedsmen of America.

For pamphlet on Bugs and Blight, address **B. HAMMOND, Fishkill-on-Hudson, N. Y.**

Mention The Review when you write.

BERLIN, ONT.

The program for the convention of the Canadian Horticultural Association to be held at Ottawa September 20th and 21st, will shortly be sent to the trade in Canada (at least to those mentioned in the directory). Those not receiving one should communicate with Mr. A. H. Ewing, Berlin P. O., Ont. The program is an interesting one. The annual Central Canada Exhibition (2nd week) will be in full blast, rates will be low and the entertainment part of the business having been left to Mr. C. Scrim there is no doubt of a good time between sessions. Every one who can possibly afford it or get away from home at that time should do so. It is in the power of this Association to do as much for the trade in Canada as the S. A. F. has done in the United States.

From all I hear it appears that quite a number of Canadians will take in the S. A. F. convention at Detroit this year.

Weather very, very dry.

A. H. EWING.

ROCKFORD, ILL.

The business of the Buckbee seed and greenhouse interests is to be placed on a different basis. The interests have been divided and incorporation papers are to be taken out. The secretary of state has granted a license to the H. W. Buckbee, Rockford Seed Farms, Forest City Greenhouse, the capital stock being placed at \$25,000. The three incorporators are Mr. and Mrs. H. W. Buckbee and T. E. Buckbee.

The second is the Rockford Seed Company, the capital stock of which is placed at \$20,000. The incorporators are Chandler Starr, L. L. Morrison and John C. Dunn. Mr. Dunn is a stenographer in the employ of H. W. Buckbee.

MINNEAPOLIS.

The Twin City Florists' Bowling Club at their meeting Tuesday, August 1, made the following scores:

	1	2	3	4	5	Tot.	Avg.
Nagel	167	144	160	117	169	757	151
Lemke	139	130	124	183	...	437	141
Monson	128	120	122	166	124	667	133
Hoppe	126	134	79	129	103	571	115
Hartman	117	122	121	117	93	570	114
Lynes	89	101	119	95	108	515	103

N.

SPRINGFIELD, MASS. — At the sweet pea exhibition Mr. Charles Larow won the Eckford cup with flowers from plants grown in Jadoo and watered with Jadoo liquid.

E. H. HUNT
 THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
 Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.

Mention the Review when you write.

Bassett & Washburn
 76 Wabash Ave., CHICAGO, ILL.
 Wholesale Growers of and Dealers in **CUT FLOWERS**
 Greenhouses at Hinsdale, Ill.
 Mention The Review when you write.

W. E. LYNCH
 Wholesale Florist,
 19-21 E. Randolph St. CHICAGO.
 Mention The Review when you write.

A. L. RANDALL
 Telephone 1496 Wholesale Florist
 4 Washington St., Chicago.
 In our new and enlarged quarters we are better prepared than ever to handle your orders.
 Mention the Review when you write.

BENTHEY & CO.
 F. F. BENTHEY, Mgr.
 WHOLESALE AND COMMISSION Florists. Consignments Solicited.
 41 Randolph St., CHICAGO.
 Mention the Review when you write.

J. A. BUDLONG,
 37-39 Randolph St., CHICAGO, ILL.
 WHOLESALE DEALER IN GROWER OF ROSES. CUT FLOWERS.
 Mention The Review when you write.

Hardy Cut Ferns. In 1000 lots, 75c per M.
 Discount on larger orders.
 Also dealer in **Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.**
L. B. BRAGUE, - Hinsdale, Mass.
 Mr. and Mrs. Brague will be pleased to meet all old customers and friends at the Convention.
 Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
 Cut Flowers and Florists' Supplies.
 Manufacturer of the Patent Wire Clamp Flora Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
 Mention The Review when you write.

H. Berning
 G. BERNING
 WHOLESALE FLORIST,
 1322 Pine Street, ST. LOUIS, MO.
 Mention the Review when you write.

ELLISON & TESSON,
 WHOLESALE SHIPPING
FLORISTS
 3134 Olive Street, ST. LOUIS, MO.
 ...Home Grown Stock...
 Mention the Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
 Growers of **CUT FLOWERS** at Wholesale.
 Regular shipping orders given special attention. We have the largest plant west of Chicago.
 Store: **906 Grand Ave., KANSAS CITY, MO.**
 Greenhouses; Pleasant Hill, Mo.
 Mention The Review when you write.

Cincinnati Cut Flower Co.
 416 Walnut St. CINCINNATI, O. Wholesale Florists
 W. A. MANN. FRANK W. BALL.
 Consignments Solicited. Special Attention Given to Shipping Orders.
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KENNICOTT BROS. CO.

**Wholesale Cut Flowers
and Florists' Supplies.**

42 and 44
Randolph St., **CHICAGO.**

Mention the Review when you write.



51 Wabash Ave., Chicago.

W. S. HEFFRON, Mgr.

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Wholesale Growers of... **CUT FLOWERS.**

800,000 feet of Glass.
Headquarters for fine AMERICAN BEAUTIES.

51 Wabash Avenue, **CHICAGO.**

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WIRE

Rose Stakes,

Straight or Looped
and Pointed.

ALSO

THE MODEL EXTENSION
CARNATION SUPPORT.

Lancaster, Pa., June 17, 1899.

Mr. Theron Parker,
Dear Sir: Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other specialties are as good they should make another addition to the money-makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on
application to

The Model Plant Stake Co.

226 No. Ninth Street,
BROOKLYN, N. Y.

Mention the Review when you write.

30,000 SMILAX, from 2-in. pots, fine strong plants, \$1.50 per 100; \$13.00 per 1000. Hydrangea Otaksa from 4-in. pots, \$5.00 per 100. Cash with order.

FRED BOERNER, Cape May City, N. J.

Mention The Florists' Review when writing advertisers.

THE MODEL PLANT STAKE. For Lilies and All Pot Plants.

THE MODEL ROSE STAKE, LOOPED AND POINTED.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES:

We have the
LARGEST WHOLESALE
House in Chicago.

**Orchids, High-Grade Roses,
Carnations and Violets.**

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

WESTERN HEADQUARTERS FOR....

FLORISTS' SUPPLIES,

PALMS, FERNS,

WIRE WORK, CUT FLOWERS, ETC.

Use MASTICA for Building and Repairing your Greenhouses.

Write for samples and prices of our

Improved Folding Cut Flower Box.

ELLIS & POLLWORTH, - MILWAUKEE, WIS.

Mention The Review when you write.

Auction Sale, August 30th,

of 60,000 DECIDUOUS TREES,

75,000 EVERGREENS, also Shrubbery and Vines.

This is a clearing out sale of fine, young, vigorous stock. Nothing reserved. Ground must be cleared regardless of price.

Sale takes place at 10:30 A. M., rain or shine. Send for list.

C. RIBSAM & SON, TRENTON, N. J.

Mention The Review when you write.

We are now gathering our new

Sphagnum Moss

for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.

Z. K. JEWETT & CO., - SPARTA, WIS.

Mention the Review when you write.

GOLD FISH and

Send for
Price List.

AQUARIUM SUPPLIES.

**KEENAN'S
SEED
STORE.**

6112 and 6114
Wentworth Avenue,
CHICAGO

Mention The Review when you write.

FLATBUSH, N. Y.

The return match between the Flatbush Florists, the New York Florists and the New York Gardeners was to have taken place on the Flatbush alleys on Thursday evening, August 3. Whether it was the weather or a disinclination to face the inevitable we cannot say, but Frank Traendly was the only member of the New York club that put in an appearance. Of course the gardeners with their scrub team had to face the onslaught and got badly used up, and a second invitation was sent to the New York club to attend on Thursday, August 10th, to meet a like fate. The following are the scores:

FLATBUSH.		1.	2.
P. Riley	.....	146	143
L. Schmutz	.....	142	137
A. Zeller	.....	146	164
D. Mellis	.....	155	147
E. Dailledouze	.....	197	223
Woerner	.....	125	99
Totals	.....	911	943

NEW YORK GARDENERS.		1.	2.
J. Withers	.....	114	102
W. Bartholomae	.....	118	130
J. Donlan	.....	111	113
F. Traendly	.....	115	130
J. Manda	.....	131	144
W. Prosser	.....	102	173
Totals	.....	691	792

The Flatbushers hope that a 40 baggage car will be attached to the convention train at Philadelphia, where they can practice the "torpedo ball" system with the Quakers, the Manhattanites, and later, possibly, the Buffalonians and Bostonians. After the above slaughter had taken place, Dave Mellis, on behalf of Will Prosser, presented Eugene Dailledouze with a very handsome regulation sized ball, which had been offered by Mr. Prosser to the member making the highest average at the games during July. Eugene's average was 179 for the ten games played in that month. After the refreshments were attended to, there was an all round contest for "pots" and other useful forms, with the following results:

L. Schmutz	.....	172	128
A. Wallace	.....	142	121
J. Manda	.....	142	152
J. Withers	.....	119	124
C. Woeker	.....	106	96
H. Dailledouze	.....	125	125
A. Zeller	.....	151	189
P. Dailledouze	.....	140	103
F. Traendly	.....	110	99
P. Riley	.....	148	155
E. Dailledouze	.....	140	120
D. Mellis	.....	145	140
W. Bartholomae	.....	107	92
W. Prosser	.....	121	121
J. Donlan	.....	151	93
S. Butterfield	.....	119	119
R. Loeb-n	.....	114	120
Woerner	.....	114	109

J. I. D.

H. D. DARLINGTON, of Flushing, N. Y., the largest grower of **ERICAS** in America, will be represented at the Detroit Convention by **J. AUSTIN SHAW**, who will be pleased to give any information desired by customers as to varieties, prices, etc., etc.



REGULAR SHIPPING ORDERS RECEIVE SPECIAL ATTENTION.

WIETOR BROS.

Wholesale Growers of
CUT FLOWERS, 51 Wabash Ave.
CHICAGO.

WHOLESALE PRICE LIST.

American Beauty, 21-inch stem	per doz.	\$2.50	Meleor	per 100,	\$3.00 to \$4.00
" 20	"	2.00	Bridesmaid	"	3.00 to 4.00
" 15	"	1.50	Bride	"	3.00 to 4.00
" 12	"	1.25	Perle	"	2.00 to 3.00
" 8	"	1.00	Carnations	"	1.00 to 1.50

We close at 5:30 p. m. during July and August.

Mention The Review when you write.

1899 CONTRACTS 1899

Now I am open to quote prices on all Bulbs, Plants and Roots for next season. Send in your list of wants for quotations.

F. W. O. SCHMITZ, JERSEY CITY, N. J.

Mention The Review when you write.

NOTICE.

Pittsburg, Pa., August 1, 1899.

I have this day taken personal charge of the business heretofore conducted under the name of W. F. Kasting & Co., and shall continue it in my own name.

Mr. Fred Stokes, who has been acting as manager, is no longer connected with the business and has no authority to make any contracts therefor.

From this date I am in no way responsible for any of his acts.

WM. F. KASTING.

NOTICE.

PITTSBURG, PA., August 2, 1899.

Notice is hereby given, that the copartnership lately existing between A. W. Smith, Jr., and Fred Stokes, of Pittsburg Pa., under the firm name of The International Growers' Exchange, was dissolved on the first day of August, 1899, owing to the absconding of Fred Stokes. All debts owing to the said partnership are to be received by the said A. W. Smith, Jr., and all demands on the said partnership are to be presented to him for payment.

A. W. SMITH, JR.

USE Jadoo Fibre

or half soil and half JADOO FIBRE to grow your LILIES in this year.

Note the improvement over those grown last year in your ordinary compost.

IT WILL PAY YOU, as you will get MORE BLOOMS AND LARGER ONES.

Send for our New Catalogue.

THE AMERICAN JADOO CO.,

817 Fairmount Ave. Philadelphia, Pa.

Mention The Review when you write.

CABBAGE PLANTS.....

Field grown, 15c per 100, \$1.00 per 1000; if by mail, add 10c per 100.

Write for prices on large lots for fall planting.

Parsley. Strong plants, 35c per 100, \$2 50 per 1000; if by mail, add 20c per 100. Other Vegetable plants in season. Cash with order.

R. VINCENT, JR. & SON,
White Marsh, Md.

Mention The Review when you write.

ORCHIDS....

DON'T FORGET TO COME AND LOOK AT OUR SAMPLES OF IMPORTED AND ESTABLISHED

ORCHIDS

AT THE CONVENTION AT DETROIT.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

SAMUEL S. PENNOCK, Wholesale
Florist
 During the summer months, commencing July 3rd, will be open
 from 7:30 a. m. to 6 p. m.
 American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention the Review when you write.

PITTSBURG CUT FLOWER CO., Ltd.
 WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 705 Penn Avenue,
FLORISTS' SUPPLIES. Write for Price List. **PITTSBURG, PA.**
 Mention The Review when you write.

SEND advs. quick
 for our
**Convention
 Number**

to be issued Next Week. It will contain a report of the Detroit Convention and will be widely circulated to the trade.

CHRYSANTHEMUMS....

Standard Varieties nearly sold out. See Review of July 27th for Novelties.

H. Weber & Sons, OAKLAND, MD.
 Mention the Review when you write.

ANTON SCHULTHEIS, P. O. Box 78... College Point, Queens Borough, N. Y.
 HEADQUARTERS FOR
PALMS and Decorative Plants in Quantity
 Come, see Ericas (Heather), also Full Line of Other Flowering Plants
 vince yourself. Price List on Application.

Mention The Review when you write.

1840 Old Colony Nurseries, 1899
HARDY SHRUBS, TREES, VINES, EVERGREENS and PERENNIALS.
 A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap.
 Trade list free on application.
T. R. WATSON, Plymouth, Mass.
 Mention the Review when you write

PRIMROSE.

Per 100
 CHINESE PRIMROSES, single, mixed, 2-in. pots, \$2.00
 Ohconca Grandiflora, 2-in. pots, 2.50
 " Rosea, August 1st, 3.00
 Forbesi, "Baby Primrose," 2-in. pots, 4.00
 ASPARAGUS SPRENGERII, 2 1/2-in. pots, 4.00
 50 Bridesmaids, 100 Brides, 2 1/2-in. pots, 2.50
 CASH, NO C. O. DS.

JOS. H. CUNNINGHAM, Delaware, O.
 Mention The Review when you write.

ROSES, Carnations
 VALLEY FERNS,
 GALAX, and IVY
 LEAVES, and all kinds of Seasonable Flowers in Stock.



We get daily new customers because we have the reputation that all orders are punctually filled.

Consignments of good stock solicited.

Long Distance Telephone 2985.

WM. F. KASTING, Wholesale Florist, 444 Sixth Ave.

All kinds of FLORISTS' SUPPLIES and WIRE DESIGNS on hand.
 Mention The Review when you write.

Galax Leaves...

For Summer Use in Cold Storage. Write the Introducer.

HARLAN P. KELSEY, 1106 Tremont Bldg., - BOSTON, MASS.
 Mention The Review when you write.

Asparagus Plumosus

Strings 10 feet long. 50 cents. Shipped to any part of the country.

W. H. ELLIOTT, BRIGHTON, MASS.

Mention The Review when you write.

Cut Flower Exchange,

404 - 412 East 34th St., New York, NEAR THE FERRY.
 Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.
 Wall space for Advertising purposes to Rent.
J. DONALDSON, SECRETARY.

Mention The Review when you write.

Long's "Handy" Order Sheets

The practical leaders to correct order taking in hurried hours. Single sample free.
 Pad of 100 sheets, mailed for 24 cents in stamps.
 Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.
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GIVE US A TRIAL. WE CAN PLEASE YOU.



Roses, Carnations and all kinds of Seasonable Flowers in stock.

WM. F. KASTING, Wholesale Commission Florist, 451 Washington St., BUFFALO, N. Y.
 Also Dealer in Florists' Supplies and Wire Designs.

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WM. J. BAKER, WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.

Original Headquarters for CARNATIONS.

Mention The Review when you write.

Rose Hill Nurseries.

Palms, Orchids, Roses, Ferns AND FOLIAGE PLANTS.

Largest stock in America.

SIEBRECHT & SON, New Rochelle, N. Y.

Mention The Review when you write.

Nephrolepis Washingtoniensis

A magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house.

3 good plants from 2-in. pots, mailed for \$ 1.00
 100 " " 3 " expressed " 40.00
 100 " " 4 " extra fine, 60.00

JOHN H. LEY, GOOD HOPE, D. C.

Mention the Review when you write.

FERNS! FERNS!

Nice Young Thrifty Stock.
 Ad. Cuculatum, \$4.00 and \$5.00 per 100.
 Will exchange for seedling Pandanus Utilis and Areca Lutescen Palms.

TITUS BERST, - - - Erie, Pa.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzell. A grand bedding plant. Grows dwarf and bushy. Capital plant to use with crotons. 3-inch, \$5.00 per 100. The Cottage Gardens, Queens, N. Y.

ARAUCARIAS.

We have this season an exceptionally large stock of Araucarias, clean, well grown plants of exceptional value. See our display adv. in this issue for prices.

H. A. Dreer, 714 Chestnut St., Phila.

ASPARAGUS.

325 large clumps. Asparagus Plumosus Nanus. One year saved to anyone requiring Asparagus for planting out for strings. \$3.00 per doz.; \$25.00 per 100. Asparagus Sprengerii, just right for planting in bed for cutting or for repotting into baskets. 4-inch pots, \$2.00 per doz.; \$15.00 per 100. 5-inch pots, \$3.00 per doz.; \$20.00 per 100.

E. C. McFadden, Short Hills, N. J.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengerii, 2-inch, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$4.00 per 100.

Geo. Wittbold, 1708 N. Halsted St., Chicago.

Asparagus Sprengerii, 2-in., 24 for \$1.50, mailed; \$4 per 100, express. 3½-in., 24 for \$2.50, mailed, \$7 per 100, express.

A. Blanc & Co., Philadelphia.

Asparagus plumosus, 3-in., \$8.00 per 100; Asparagus Sprengerii, 2-in., \$5.00, 4-in., \$10.00 per 100. Geo. M. Emmans, Newton, N. J.

Asparagus plumosus, from flats, \$2.50 per 100. Cash with order. R. Mann, 1258 So. Washington Ave., Lansing, Mich.

A. Sprengerii Seed. 100, \$1.00; 1000, \$5.00; 2000, \$15.00.

J. L. Schiller, 404 East 34th St., New York.

Asparagus plumosus, per 100, 2½-in., 500, 2½ in., \$7.90. Sprengerii, 2½-in., \$5.00. Morris Floral Co., Morris, Ill.

XX Sprengerii, 2, 3 and 6-inch. P. nanus, 3-inch. Our prices will surprise you. Roney Bros., West Grove, Pa.

Sprengerii, 2½-in., \$3.50 per 100. Cash. J. G. Eisele, 20th & Ontario Sts., Phila., Pa.

Asparagus Sprengerii, 2½-in., 50 cents doz. C. Eisele, 11th & Jefferson Sts., Phila., Pa.

A. Sprengerii, strong, 2½-in., \$5.00 per 100. F. R. Pierson Co., Tarrytown, N. Y.

A. Sprengerii, 2½-inch, \$4.00 per 100. Jos. H. Cunningham, Delaware, O.

2000 A. plumosus, 2½-inch, \$3.00 per 100. W. C. Bryogle, Bloomsburg, Pa.

Asparagus plumosus, all sizes. A. S. MacBean, Lakewood, N. J.

AZALEAS.

We offer all the leading varieties: First size, 10 to 12 in. diam., \$10 per 100. Select, 12 to 14 in. diam., \$30 per 100. Extra size, 14 to 16 in. diam., \$50 per 100. Specimen plants from \$1.00 each up. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

The Indian Azalea Nurseries (established 1842) is the best place in Europe to send your orders for Azalea Indica. Of 5,750 plants sold in 1898, 36,200 went to florists in the United States and Canada. Order early. Eug. Vervaeck de Vos, Swynsnyder, Ghent, Belgium.

BEGONIAS.

5000 Begonia Rex. Assorted, 2½-inch, \$4.00 per 100; Named, \$6.00 per 100. Tuberosus rooted, 2½-inch, \$5.00 per 100. Rooted cuttings: Rex, \$2.00 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D.

Greene & Underhill, Watertown, N. Y.

Assorted varieties from 2-in. pots, \$2.00 per 100. Extra strong. Cash please.

Edw. B. Jackson, Stamford, Conn.

Begonia Rex, full assortment. Mixed, 3-inch, \$4.00 per 100. Geo. M. Emmans, Newton, N. J.

10 flowering varieties, mixed, \$2.00 per 100. Morris Floral Co., Morris, Ill.

BOUVARDIAS.

Strong, thrifty 2½-inch plants, double white and pink, \$4.00 per 100; single varieties, \$3.00 per 100. Nanz & Neener, Louisville, Ky.

Bouvardias, best varieties, \$2.50 per 100. Henry Smith, Grand Rapids, Mich.

BULBS.

Roman Hyacinths, extra fine bulbs, 12-15 ctm. in circumference, \$1.75 per 100; \$15.00 per 1000; extra selected, 13-15 ctm., \$2.00 per 100; \$17.00 per 1000. Pink and blue Romans, extra, \$1.50 per 100; \$13.00 per 1000. White Italians, extra, \$1.75 per 100; \$15.00 per 1000. Paper White narcissus grandiflora, \$1.00 per 100; \$8.50 per 1000. Lilium Harrisii, 5-7 in. bulbs, \$5.00 per 100; \$45.00 per 1000. Ornithogalum Arabicum, \$1.77 per 100; \$15.00 per 1000. Callias, extra quality, California grown, extra sized bulbs, 1 to 1½-inch in diameter, \$5.00 per 100, \$30.00 per 1000. Selected bulbs, 1½ to 2 in. in diameter, \$7.00 per 100; \$60.00 per 1000. Formosa Buttercup Oxalis, extra sized bulbs, 75 cts. per 100; \$5.00 per 1000.

F. R. Pierson Co., Tarrytown, N. Y.

Freesia Bulbs, for immediate delivery. Select mammoth bulbs, \$6.00 per 1000; First size, \$5.00 per 1000; second size, \$4.00 per 1000. California grown.

Calla Bulbs, select California grown. First size, 1¼ to 1½ in. diam., \$5.00 per 100; Select, 1½ to 2 in. diam., \$7.00 per 100; Extra select, 2 to 3 in. diam., \$9.00 per 100. Order now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Freesia refracta alba, ¾-1½-inch diam., 100, 40 cts.; 1000, \$3.00; 1½-¾-in., 100, 60 cts; 1000, \$4.75, delivered. French Roman Hyacinths, 12-15, 100, \$4.50; 1000, \$13.50. Lil. Harrisii, 5x7, \$4.50; 7x9, \$9.00; 9x11, \$18.00 per 100. H. H. Berger & Co., 47 Barclay St., New York.

Calla Lily Bulbs. Splendid stock for immediate delivery. 3 to 4-inch bulbs, \$4.00 per 100; \$35.00 per 1000; 4 to 6-inch bulbs, \$7.50 per 100; \$60.00 per 1000; 6 inches and over (Mammoth bulbs), \$10.00 per 100.

E. C. McFadden, Short Hills, N. J.

Freesia alba, ¾-inch diameter and up, \$3.00 per 1000; 1½-inch and up, \$5.00 per 1000 small bulbs. I guarantee all to bloom, as I have tried them. C. Ammann, 7th Ave. & 120th St., New York City.

Zephyranthes Candida, fine border plant, pure white, \$5.00 per 1000. Cash with order. Mrs. M. E. Patterson, Glendale, Cal.

Our wholesale list of Bulbs and Seeds is now ready. Send for it. H. F. Mitchell, 1018 Market St., Philadelphia.

Freesia refracta alba, large bulbs, 40c per 100. R. Mann, 1258 So. Washington Ave., Lansing, Mich.

Home grown lilies about 50 kinds, also Trillium and other hardy bulbs and plants. F. H. Horsford, Charlotte, Vt.

California grown bulbs. Send for our special trade list. California Nursery Co., Niles, California.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Pearl Tuberosa Bulbs and Caladium Esculentum. Jas. M. Lamb, Fayetteville, N. C.

Send in your list of wants for quotations. F. W. O. Schmitz, Jersey City, N. J.

CACTUS.

Cereus Plagellaformis, two to three years old, well branched, \$8.00 per 100. 6-inch cuttings, \$3.00 per 100; 300 for \$8.00. Choice Phyllocenti, \$1.00 to \$1.50 per dozen; cuttings, \$4.00 per 100. Echeveria Californica, \$3.00 per 100. Rhipsas and Epiphyllums, \$2.50 per 100. Cash with order. Mrs. M. E. Patterson, Glendale, Cal.

CARNATIONS.

If you are going to be short on carnations this fall and want good stock, I have over 25,000 to select from. Flora Hill, Victor, Jubilee and Empress, \$8.00 and \$6.00 per 100. Bon Ton and Daybreak, \$7.00 and \$5.00 per 100. Lizzie McGowan, \$4.00 per 100. Sandusky, Gold Nugget and Evanston, \$10.00 per 100. Other 1899 novelties, Melba, America, Gen. Macco, Gen. Gomez, G. H. Crane and Gov. Griggs, \$2.00 per dozen; \$15.00 per 100. Cash with order. W. E. Hall, Clyde, Ohio.

John Young, Joest, Bon Ton, per 100, \$8.00. Mangold, Dana, John's Scarlet and Freedom, \$6.00 per 100. Cash with order. W. G. Kraber, 35 Tremont St., New Bedford, Mass.

10,000 field grown, ready now. New and standard varieties from \$4.00 to \$10.00 per 100. Fine plants. Write me your wants. Carl Hagenburger, West Mentor, Ohio.

1500 Flora Hill, 800 Daybreak, 800 Triumph, 600 Jubilee, 150 Armazindy, 200 White Cloud, 300 Scott. Field grown, \$5.00 per 100. W. Sabransky, Kenton, Ohio.

Best new and standard carnations, beautifully illustrated and accurately described in our trade list. Send for copy. W. P. Peacock, Atco, N. J.

Field grown plants, ready August 15, extra fine this year. We can fill orders for any variety if we get them soon enough. H. F. Littlefield, Worcester, Mass.

Don't wait to get what your neighbor don't want, but write immediately to Isaac A. Passmore, Route 4, West Chester, Pa.

Rooted Cuttings all sold. We are booking orders for field grown plants. Geo. Hancock & Son, Grand Haven, Mich.

New red hybrid carnation Vulcan, in full bloom, 4-in. pots, \$1.50 per doz. C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Carnation Cuttings all sold. Field grown plants for fall delivery. F. Dorner & Sons Co., Lafayette, Ind.

Daybreak. Extra fine field grown plants, now ready for delivery, \$6.00 per 100. John McFarland, North Easton, Mass.

Mrs. Fisher carnation, ready to set in house, fine stock \$4.00 per 100. Geo. M. Emmans, Newton, N. J.

Field grown, Empress, Evelina, Psyche and John Young, Morris Floral Co., Morris, Ill.

CHRYSANTHEMUMS.

For late planting. Fine stock of recent propagation. Leading standard sorts including some of the newer varieties, \$2.50 per 100; \$20.00 per 1000. 250 at 1000 rate. Our selection. N. Smith & Son, Adrian, Mich.

Ivory and other good varieties, \$2.50 per 100; \$20.00 per 1000. Henry Smith, Grand Rapids, Mich.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Surplus stock of Chrysanthemums, Dailledouze, Modesto, Mrs. Fred L. Button (early white), Mrs. Andre, Harry Baisley, Mrs. Weeks, Frank Hardy, Glory of Pacific, Pink Ivory, Golden Wedding, Pennsylvania, Empress of India, Lady Fitzwygram, Major Bonnaffon, Mrs. Henry Robinson, Jerome Jones, Yellow Jerome Jonea, Mme. Bergmann, Merry Xmas and others. All the above in 2 and 3-inch pots and fine, 2½ cents each, or \$20.00 per 1,000. Cash with order.
Joy & Son, Nashville, Tenn.

100 fine healthy chrysanthemums from 4-inch pots; 29 named varieties, all the latest and best. \$8.00 for the lot. Cash with order.
C. Lawritzen, Box 262, Rhinebeck, N. Y.

Standard varieties nearly sold out. See Review of July 27th for novelties.
H. Weber & Sons, Oakland, Md.

CINERARIAS.

C. hybrida, mixed, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

CYCLAMEN.

Cyclamen giganteum, finest mixed, 3-in., \$6.00 per 100. Geo. M. Emmans, Newton, N. J.

CYPERUS ALTERNIFOLIUS.

Fine stock, 2½-in. strong, \$1.50 per 100; \$13 per 1000. Furrow Bros., Guthrie, Okla.

Strong, 3 and 4-in., \$1.00 per doz.
South Side Floral Co., Springfield, Ill.

DAHLIAS.

Peacock's new Dahlias for 1890. Best new varieties, best old varieties. Send for our new illustrated trade list before ordering elsewhere. Peacock's Dahlias always received highest awards over all competitors. Forty-six first prizes out of forty-nine entries during past four years—an unequalled record. Surplus stock of mixed Dahlias at right price. Also Dahlias under color. Correspondence solicited.
W. P. Peacock, Atco, N. J.

FERNS.

Boston Ferns. Finest stock in the country; large plants from bench. Can be grown into \$2.00 and \$3.00 plants for winter trade. \$6.00 per doz. Special price on large quantities. 2-inch pots for September delivery, \$5.00 per 100; \$40.00 per 1000. Also large stock of established plants in pots and pans, send for price list. Small ferns assorted in best varieties, \$5.00 per 100 \$40.00 per 1000. Fern Spores, Saved at the United States Exotic Nurseries. All the leading varieties, 50 cts. per trade pkt. Mixed Spores, sufficient for 3,000 plants, \$1.00, postpaid.
E. C. McFadden, Short Hills, N. J.

Nephrolepis Washingtoniensis, a magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds acid, metallic, broad, and growing 6 to 8 feet high. Cold house. Three good plants from 2-inch pots mailed for \$1.00; 100 good plants from 3-inch pots expressed for \$40.00; 100 extra fine plants from 4-inch pots, \$80.00.
John H. Ley, Good Hope, D. C.

100 Lygodium scandens mailed for \$1.00. This sells better than smilax on strings and is a fine pot plant on stakes. 1000 for \$3.00 by express.
John H. Ley, Good Hope, Washington, D. C.

For dishes, in leading varieties, 2-inch, \$4.50 per 100. Selaginella Emilliana, 3-inch, fine, \$1.00 per doz.; 4-inch line \$2.00 per dozen.
Geo. L. Miller, Newark, O.

Florists within freight shipping distance of us, needing good sized ferns, will do well to correspond with McCrea & Cole, Battle Creek, Mich.

Lycopodium Dent., good for design work, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rates.
Wm. A. Bock, No. Cambridge, Mass.

Nice growing, thrifty stock. Adiantum cuneatum, \$4.00 and \$5.00 per 100. Will exchange for seedling Pandanus utilis and Areca lutescens palms.
Titus Berst, Erie, Pa.

Fern spores, fresh greenhouse collected. Alsophilla australis or Australian tree fern. ½ trade pkt., 60c; trade pkt., \$1.00.
Floracraft Gardens, Moorestown, N. J.

Fern Balls, Japanese. Greatest money makers. Send for circular.
H. H. Berger & Co., 47 Barclay St., New York.

Pot and bench grown Boston ferns. Orders booked for fall delivery.
A. J. Baldwin, Newark, Ohio.

Adiantum Cuneatum, 2½ and 3-in. pots, \$5.00 per 100. Groves Bros., Carthage, Ohio.

FUCHSIAS.

10 varieties, mixed, 2½-in., \$2.00 uper 100.
Morris Floral Co., Morris, Ill.

Double and single, 2½-inch, \$3.00 per 100.
Wood Bros., Fishkill, N. Y.

GERANIUMS.

Sweet scented, Mrs. Pollock, Pansy, 2½-inch, \$4.00 per 100; Mrs. Parker, 2½-inch, \$6.00 per 100. Rooted cuttings: Assorted, \$1.50 per 100; mixed, \$1.25; Mrs. Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Silver Leaf, Rosa scented, Ivy, \$1.50; Mrs. Parker, Freak of Nature, \$4.00; Mme. Sallerol, \$1.25. Caah or C. O. D.
Greene & Underhill, Watertown, N. Y.

New Geraniums, De La Roux, Mitting, 2½-in., \$1.00 per doz. S. A. Nutt, Harmine and 20 other varieties, named, 2½-in., \$2.00 per 100. Harmine and La Favorite, 3-in., \$3.00 per 100.
Morris Floral Co., Morris, Ill.

First-class assortment, from 2-in. pots, \$3.00 per 100; 3½-in. pots, \$6.00 per 100; 4-in. pots, \$8.00 per 100. Geranium Mars, stock plants, \$3.00 per doz. John Reck, Bridgeport, Conn.

Do you want any now at first cost? Nutt, Mme. Bruant and Mrs. E. G. Hill, 2½ and 3-inch pots, \$2.00 per 100.
W. E. Hall, Clyde, Ohio.

Mme. Jaullin, the peach pink Bruant, 3-inch, \$3.00 per 100.
The Cottage Gardens, Queens, N. Y.

HARDY PLANTS.

Hardy shrubs, trees, vines, evergreens and perennials. A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best alzeas for planting, very cheap. Trade list free on application.
T. R. Watson, Plymouth, Mass.

Auction sale Aug. 30th, of 60,000 Deciduous Trees, 75,000 Evergreen Trees, also Shrubbery and Vines. This is a clearing out sale of fine young vigorous stock. Nothing reserved. Ground must be cleared regardless of price. List and conditions ready Aug. 7th.
C. Ribsam & Son, Trenton, N. J.

Hardy Herbaceous Perennials. The most complete stock in America. Paeonies, Phlox, Iris, Delphiniums, etc., etc.
Jacob W. Manning, The Reading Nursery, Reading, Mass.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application.
Rea Brothers, Norwood, Mass.

Rare collected seeds of American Woody and Herbaceous plants. Ask for list and discounts.
Pinehurst Nurseries, Otto Katzenstein, Mgr., Pinehurst, N. C.

F. & F. Nurseries, Springfield, New Jersey. Wholesale growers Trees and Plants in full assortment. Trade catalogue free.

Azalea Amoena, Hardy shrubs and trees in great variety. Send for price list.
Samuel C. Moon, Morrisville, Bucks Co., Pa.

Ampelopsis Veitchii, 2-inch pots, \$2.00 per 100.
Geo. M. Emmans, Newton, N. J.

HYDRANGEAS.

Hydrangea from 4-inch pots, \$8.00 per 100.
Fred Boerner, Cape May City, N. J.

JARDINIERE PLANTS.

Cryptomeria Japonica (Japan cedar), a beautiful jardiniere evergreen, as handsome as Araucaria excelsa, for which it is often mistaken, but ten times cheaper. 4-inch pots, \$15.00 per 100, 2½-inch pots, \$9.00 per 100. 25 2½-inch for \$2.50, postpaid.
Jackson & Perkins Co., Newark, N. Y.

MUSHROOM SPAWN.

Sure Crop Mushroom Spawn, \$8.00 per 100 lbs. Pamphlet, "How to Grow Mushrooms," 10 cts. Weeber & Don, 114 Chambers St., New York.

Fresh crop just received in fine condition. \$6.50 per 100 lbs.; \$60.00 per 1000 lbs.
H. F. Michell, 1018 Market St., Philadelphia.

ORCHIDS.

We have received a large shipment of Oncidium Varicosum Rogersii, one of the most profitable commercial orchids. Plants averaging three to six leads and five to ten bulbs, many with foliage, price till sold, \$1.25 each; \$12.00 per doz.; \$75.00 per 100.
Chucas & Boddington Co., 342 W. 14th St., New York.

Just arrived in fine condition. Cattleya labiata, C. Mossiae, C. speciosissima, C. Harrisoniae violacea, C. Warneri, C. granulosa, Laelia anceps, L. a. alba, L. Autumnalis, L. praestans, L. Dayana and Burlingtonia fragrans.
Lager & Hurrell, Summit, N. J.

PEONIES.

Fine stock for fall planting, good assortment, \$10.00 per 100; \$90.00 per 1000.
F. A. Baller, Bloomington, Ill.

10,000 Paeonies in twenty distinct varieties.
W. & T. Smith Co., Geneva, N. Y.

PALMS, ETC.

WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS. Measurements from top of pot to top of tallest leaf.

	Pot	H't.	Char.	Each.	Doz.
	in.	in.	lvs.		
Latania Borbonica,	2				\$ 1.50
" "	3				3.00
" "	5	16-20	5-8	\$.50	5.00
" "	6	18-20	5-7	.75	9.00
" "	7	20-24	6-8	1.00	12.00
Cocos Weddelliana,	3	14-18	4-6	.25	3.00
Kentia Belmoreana,	3	5-7	3-4		2.00
" "	3	8-10	4-5	.25	3.00
" "	3	18-20	5-6	.75	9.00
" "	5	18-20	6-7	1.00	12.00
" "	6	20-25	5-7	1.50	18.00
" "	7	34-38	6-7	2.50	30.00
Kentia Forsteriana,	5	20-24	4-6	.75	9.00
" "	5	25-28	4-6	1.00	12.00
" "	6	26-30	6-8	1.50	18.00
" "	7	36-40	5-6	2.50	30.00
Phoenix Reclinata,	5	14-16	5-8	.50	5.00
" "	6	16-18	7-10	.75	9.00
Pandanus Utilis,	3				1.50
" "	4	12-14			3.00
" "	5	14-16			5.00
Peperomia Agyrea,					1.50
Dracaena terminalis,	4	8-10			3.00
" Fragrans,	5	10-12			3.00
" "	5	10-12		.50	5.00
" "	6	14-16		.75	9.00
Araucaria Excelsa at \$10.00, \$15.00 and \$36.00 per dozen. Cycas Revoluta from 50 cents to \$15.00 each, in any quantity. Geo. Wittbold, 1708 N. Halsted St., Chicago.					
Cocos Weddelliana, 2-inch, fine, \$15.00 per 100. Geo. L. Miller, Newark, O.					

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CLASSIFIED PLANT ADVERTISEMENTS CONTINUED.

Latania borbonica, 4-inch, 25 cents. *Areca lutescens*, 4-inch, 35 cents. *Kentia Belmoreana* and *Forsteriana*, 3-inch, 25 cents; 4-inch, 50 cents. Geo. M. Emmans, Newton, N. J.

One Rubber Plant, 6 ft. tall, 5 ft. diameter. A fine tree; healthy in every way, not a spot on it. Price, \$15.00.
C. Lawritzen, Box 262, Rhinebeck, N. Y.

Just arrived, fresh seeds of *Kentias Belmoreana* and *Forsteriana*, \$4.00 per 1000 seeds. J. M. Thorburn & Co., 36 Cortlandt St., New York City.

Pandanus Veitchii, per doz., 6-in., \$12.00; 7-in., \$18.00; 8-in., \$24.00. Stock in excellent condition. J. Welsh Young, Germantown, Pa.

Palms and Decorative Plants in quantity. Anton Schulthels, P. O. Box 78, College Point, Queens Borough, New York.

Palms and Decorative Plants. Largest stock in America.
Slebrecht & Son, New Rochelle, N. Y.

Finest stock of *Kentias* in the west. Send for our list of Palms and Ferns.
Ellis & Pollworth, Milwaukee, Wis.

My entire stock of palms for sale at a bargain. New wholesale list ready. Send for it.
W. J. Hesser, Plattsmouth, Neb.

Latania Borbonica, 30 inches high, 5 leaves, 30c each; \$3.00 per doz.
Morris Floral Co., Morris, Ill.

Latania Borbonica, strong 5-in., \$4.00 per doz. South Side Floral Co., Springfield, Ill.

Aspidistra, 4-inch, \$10.00 per 100.
Jos. Heini, Jacksonville, Ill.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Herr's Pansies, the best strain in the world. See adv. page 254 before ordering elsewhere.

PETUNIAS.

Double Fringed, 22 varieties, mixed, 2½-in., \$3.00 per 100; double ruffled, 15 varieties mixed, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

PRIMULAS.

Chinese primroses, ready for 3-in. Well known throughout the U. S. and Canada as the finest large flowering fringed varieties grown. Singles, named, \$2.50 per 100; \$20.00 per 1000. Doubles, \$4.00 per 100; \$35.00 per 1000. Extras added to help pay expressage. Strictly cash.
John F. Rupp, Shremanstown, Pa.

Baby Primrose, the newest thing for Easter blooming. Flowers in thumb pots; grows rapidly, 6-in. pot, carry 50 to 100 sprays of rosy flowers, 12 to 18 in. long; lasts 4 weeks when cut and wholesale at \$2 per 100; grows finely in cool house; perpetual bloomer, 12 for \$15.00; \$10 per 100, express prepaid.
A. Blanc & Co., Philadelphia.

Baby Primrose, healthy, young stock to grow on for fall and winter blooming, 75c per dozen, by mail; \$5.00 per 100, express paid. Nice stock transplanted in flats, \$3.00 per 100. E. Fryer, Berriman St. and New Lots Ave., Brooklyn, N. Y.

Chinese primroses, single mixed, per 100, 2-in., \$2.00; *Obconica grandiflora*, 2-in., \$2.50; *Obconica grandiflora rosea*, August 1, \$3.00; Forbes', "Baby Primrose," 2-in., \$4.00, Cash, no C. O. D's.
Jos. H. Cunningham, Delaware, Ohio.

New Baby Primrose, yellow, better than the purple, 2-in., \$1.00 per doz. Chinese Primulas, Alba, Rubra, choicest mixed and Japanese Alba, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

Dreer's strain of Chinese Primroses, out of 3-inch pots, fine plants, \$4.00 per 100. Cash with order.
M. E. & R. Hoffer, Mt. Joy, Pa.

Baby Primrose, For Sept. 1st delivery. Fine plants, 3½-inch, \$12.00 per 100.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Baby Primrose of true stock, from 2 and 2½-inch pots, 75c and \$1.00 per doz.; \$5.00 and \$7.00 per 100.
W. E. Hall, Clyde, Ohio.

Chinese primrose, extra fine strain, 2½-inch pots, \$3.00 per 100.
Greene & Underhill, Watertown, N. Y.

Chinese primrose, choicest strains, mixed, 2-in., \$3.00, 2½-in., \$4.00 per 100.
Geo. M. Emmans, Newton, N. J.

ROSES.

We have left the following choice rose plants which we are anxious to sell at a low price to make room. Guaranteed first class in every respect. Beauties, 4000 3-in., 5c; Bridesmaids, 1400 4-in., 5c, 2000 3-in., 3c, 6500 2-in., 2c; Brides, 700 4-in., 5c, 2300 3-in., 4c, 500 2-in., 2c; Meteors, 1600 3-in., 3c, 500 2-in., 2c. Shipments to be made from our greenhouses at Hinsdale, Ill.
Bassett & Washburn, 78 Wabash Ave., Chicago, Ill.

Roses that will pay for themselves in six week after planting. Selected and grown for our own use. A few thousand to spare. 3½ and 4-in., at \$5.00 per 100. Meteors, Brides, Maids and La France, Kaiserin, extra fancy, 3½-in., 6c. Cash with order.
South Side Floral Co., Springfield, Ill.

First quality forcing roses, perfectly healthy and grown especially for late planting. Saffron, Sunset, Pres. Carnot, Kaiserin, Meteor, Wootton, Perle, Mme. Hoste, 3-in., \$7.00 per 100; 4-in., \$12.00. 400 grafted Bridesmaids, 3½-in., \$12.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

I have left the following choice rose plants, first-class: Golden Gate, 120 2-inch, 3c; 244 3-inch, 5c. Irides, 340 4-inch, 4c; 65 3-inch, 3c; 150 2-inch, 2c. Bridesmaid, 90 3-inch, 3c; 450 2-inch, 2c. Cash with order.
Lewis Ulrich, Tiffin, Ohio.

250 Meteor from 5-inch pots, \$6.00 per 100, 100 Bride, Maid and Meteor, mixed, 3 and 4-inch, \$4.00 per 100. All good stock, part from open ground. Cash with order.
Alex. R. Robertson, North Spring Lake, N. J.

First-class rose stock, 300 3-in. Brides and 1000 3-in. Bridesmaids at \$5.00 per 100; \$60.00 per 1000. Strong, well seasoned stock. Samples sent.
A. W. Smith, 339 6th Ave., Pittsburg, Pa.

Bridesmaids, 2½-inch, \$2.50 per 100, 4-inch, \$4.00; Brides, 2½-inch, \$3.00 per 100, 4-inch, \$5.00 per 100; Golden Gate, 2½-inch, \$3.00 per 100. Reinberg Bros., 51 Wabash Ave., Chicago.

Clean healthy stock, 1000 Brides, 2½-in. pots, \$3.00 per 100; 1000 Maids, 3-in. pots, \$4.00 per 100; 200 La France, 4-in. pots, \$6.00 a 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Fine forcing Roses for immediate planting. First-class stock from 3-inch pots at \$3.50 per 100. 250 Brides, 250 Maids, 200 La France, 150 Perle. W. C. Bryfogle, Bloomsburg, Pa.

M. Neil, Niphetos and Yellow Rambler from 4-inch pots, \$8.00 per 100. M. Neil and Niphetos from 3-inch pots, \$5.00 per 100.
Phoenix Nursery Co., Bloomington, Ill.

American Beauty, Bridesmaid, Perle, Bride, Sunset, Meteor, Morgan, Testout, Mermot, La France, 3, 3½ and 4-inch.
A. S. MacBean Lakewood, N. J.

Meteors, Maids, Perles, Brides and Souper's, good stock, 3-in., \$4.00 per 100; 4-in., \$5.00. Henry Smith, Grand Rapids, Mich.

2500 Golden Gate, 2½ and 3-inch pots, \$4.00 and \$6.00 per 100. Cash. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Bridesmaids, a few hundred fine plants cheap. 4-in., \$5.00 per 100.
Crabb & Hunter, Grand Rapids, Mich.

1500 choice Bridesmaids and 500 Brides, 3-in., \$5.00 per 100.
Geo. M. Emmans, Newton, N. J.

Beauties and Woottons, 2½-in., only 1000 of each. 500 2-in. Brides. A bargain.
Geo. A. Kuhl, Pekin, Ill.

Morgans, Brides and Maids, 3-in. pots, \$2.00 per 100.
Groves Bros., Carthage, Ohio.

50 Bridesmaids, 100 Brides, 2½-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, Ohio.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

H. P. Roses and Ramblers at reduced prices.
W. & T. Smith Co., Geneva, N. Y.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

SEEDS.

Pansy Seed. New Crop, S. & W. Co.'s Non Plus Ultra. The richest mixture ever sent out, and containing the Blotched and Giant varieties in greatest proportion; very effective. Per packet 1000 seeds, 25 cts; per 1-8 ounce, 75 cts; per ounce, \$4.50. Superb Mixture of the Odier, Cassier and Bugnot Strains, unsurpassed. Per 1000 seeds, 50 cts; per 1-8 ounce, \$1.00; per ounce, \$6.00. Trimardeau or Giant Pansies. Beautiful class of vigorous, compact growth, flowers of an enormous size. Per pkt., 25c; per 1-8 ounce, 50 cts.; per oz., \$3.50. Stupp & Waite Co., 50 Barclay St., New York.

Benary's Prize Flower Seeds. (Note.—Benary's German flower seeds are the highest grade known and have been awarded prizes, medals and certificates all over the world.) *Primula sinensis* Fimbriata, Benary's choicest selection, 250 seeds for \$1.00. Pansy. Benary's Non Plus Ultra, the richest mixture ever sent out. Trade pkt., \$1.00; ¼ oz., \$5.00; oz., \$12.00. *Cineraria Hybrida Grandiflora*. Benary's large flowered prize varieties, \$1.00 per 1000 seeds. *Calceolaria Hybrida Grandiflora*. Benary's splendid strain, \$1.00 per trade pkt. E. C. McFadden, Short Hills, N. J.

Pansy, Elliott's Special Blended Mixture, comprising all the choicest named varieties. Trade packets, 50c and \$1.00; oz., \$5.00. Trimardeau, white, yellow, purple, light blue, black, striped, brown red, Lord Beaconsfield, each color, trade pkt., 25c; oz., \$2. Mignonette, New York Market, the finest strain for exhibition, trade pkt., 50c. Allen's Defiance, trade pkt., 25c; oz., \$1. Machel, select stock, trade pkt., 10c; oz., 40c.
Wm. Elliott & Sons, 56 Dey St., New York.

Calceolaria hyb., pkt. 25 cts. Cyclamen giant, brilliant colors, 1000, 50 cts. *Cineraria*, giants, pkt. 25 cts. *Primula sinensis* fimb., choicest strains, all colors, single and double mixed, 100 seeds, 20 cts.; 5000, 80 cts.; 10000, \$1.50. Pansy, choicest strain, Bugnot, Cassier, Trimardeau, pure white, yellow, blue, black, bronze, auricula flora, striped, red, purple, separate or mixed, 1000 seeds, 25 cts.; 5000 seeds, \$1.00.
H. H. Berger & Co., 47 Barclay St., New York.

The Jennings strain of American grown pansies is considered by many florists to be the leading strain to date. All large flowering and of the most brilliant colors and are sure to give satisfaction. Finest seed, mixed, \$1.00 per pkt.; \$3.00 per ½ oz.; \$5.00 per oz. Finest White, Yellow, Black, Blue, 50c per pkt. of 1500 seeds. Cash with order.
E. B. Jennings, L. B. 254, Southport, Conn.

Zirngelbel's Market and Fancy strains of pansies are unequalled for size and brilliancy of color and the most popular strains to date. New crop seed ready now. Trade packets of either strain at \$1.00 each. Full directions how to sow and cultivate with every packet.
Denys Zirngelbel, Needham, Mass.

New crop now ready of Pansy, *Cineraria*, *Primula*, Forget-Me-Not, Mignonette Allen's Defiance in original pkts., \$1.00 per 2000 seeds. H. F. Michell, 1018 Market St., Philadelphia.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Hollyhock seeds, fresh, my own grown. Double white, 60c per oz.; 20c per trade pkt.; \$7.00 per lb. J. J. Vondersaar, 1535 Madison Ave., Indianapolis, Ind.

Special seeds for the florist and gardener. Send for wholesale catalogue. Johnson & Stokes, Philadelphia, Pa.

Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order. C. Soltau & Co., 199 Grant Ave., Jersey City, N. J.

Cucumber and Turnip Seeds. Weeber & Don, 114 Chambers St., New York.

Cabbage and Cauliflower seed specialist. Francis Brill, Hempstead, L. I., N. Y.

SMILAX.

Extra choice, strong, healthy three-year-old plants, \$3.00 per 100. Just the thing for immediate results. Plants from 2-inch pots, \$1.00 per 100. Guelf's Seed Store, Brockport, N. Y.

Clean, strong stock, 3-inch, \$3.00 per 100; \$25.00 per 1000; 2½-inch, \$2.50 per 100; \$20.00 per 1000. Cash please. Arthur Mallon, Jr., W. Collingswood, N. J.

Strong one-year plants, 2½ and 3-in., \$2.50 per 100; \$20.00 per 1000. Choice well ripened seed, 25 cts. per oz. F. A. Baller, Bloomington, Ill.

20000 Smilax, 2-in., fine strong plants, \$1.50 per 100; \$13.00 per 1000. Cash with order. F. Boeiner, Cape May City, N. J.

Smilax, extra strong, 3-in., \$2.00 per 100; \$18.00 per 1000. Cash with order. Albert F. Amling, Maywood, Ill.

Extra fine pot plants, only \$1.50 per 100. No order filled for less than 100. A. J. Baldwin, Newark, Ohio.

Fresh seed, oz. 30c; lb. \$2.50; pkt. 10c. H. H. Berger & Co., 47 Barclay St., New York.

Elegant stock, 2-inch, \$1.25 per 100; \$10.00 per 1000. Furrow Bros., Guthrie, Oklahoma.

Smilax, twice cut back, extra, 2-inch, \$1.50 per 100. Geo. M. Emmans, Newton, N. J.

Fine, strong plants, \$2.50 per 100; \$20.00 per 1000. Wood Bros., Flshkill, N. Y.

Fine plants, 2-in., \$1.25 per 100; \$10.00 per 1000. Cash. J. B. Heiss, Dayton, O.

Smilax, extra strong, 2-in., \$1.00 per 100; South Side Floral Co., Springfield, Ill.

2½-in., good bushy plants, \$1.25 per 100. Crabb & Hunter, Grand Rapids, Mich.

400 Smilax, 3-inch, \$2.50 per 100. J. D. Breneman, Harrisburg, Pa.

Extra strong, 2½-inch, \$2.00 per 100. Morris Floral Co., Morris, Ill.

2000 3-in. Smilax. A bargain. Geo. A. Kuhl, Pekin, Ill.

VEGETABLE PLANTS.

Cabbage plants, field grown, 15c per 100; \$1.00 per 1000; if by mail add 10c per 100. Write for prices on large lots for fall planting. Parsley, strong plants, 35c per 100; \$2.50 per 1000; if by mail add 20c per 100. Cash with order. R. Vincent, Jr. & Son, White Marsh, Md.

Farquhar, strong, healthy plants, in 3-inch pots, \$3.00 per 100; \$28.00 per 1000. Geo. H. Benedict, Yorkville, N. Y.

VINES.

Variegated trailing auburn, rooted cuttings, \$2.00 per 100. Manettia bicolor, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00. English Ivy, 2 to 3 feet, \$5.00 per 100. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

VIOLETS.

Lady Campbell, field grown, clean stock, ready, \$5.00 per 100. Dracaena indivisa, 2-in., \$3.00 per 100. Cash with order. W. G. Kraber, 35 Tremont St., New Bedford, Mass.

Marie Louise, strong field grown plants, \$2.50 per 100; \$20.00 per 1000. Cash with order. Albert F. Amling, Maywood, Ill.

Orders booked now for field grown plants. Write for prices. Crabb & Hunter, Grand Rapids, Mich.

Marie Louise, clean, healthy plants, \$2.00 per 100; \$15.00 per 1000. John B. Rudy, Elmira, N. Y.

Marie Louise violets, strong plants, \$1.50 per 100. C. O. Lewis, Lockport, N. Y.

Marie Louise, 2½-in., \$3.00 per 100; \$25.00 per 1000. Wood Bros., Flshkill, N. Y.

Marie Louise, pot grown, \$25.00 per 1000. A. S. MacBean, Lakewood, N. J.

MISCELLANEOUS PLANTS.

Russellias multiflora and elegantissima. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German ivy. 2½-inch, \$2.50 per dozen. The Cottage Gardens, Queens, N. Y.

Lemon verbena, Impatiens Sultan, 2½-inch, \$3.00 per 100. Rooted cuttings: Impatiens Sultan, \$2.00. Lemon verbena, \$1.50. Greene & Underhill, Watertown, N. Y.

SPHAGNUM MOSS.

We are headquarters on Sphagnum. Just received several carloads.

Per Bale, \$1.00.
Six Bales, \$5.00.
Ten Bales, \$7.50.
Write for prices on large quantities. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We are now gathering Sphagnum Moss for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.

Z. K. Jewett & Co., Sparta, Wis.

Sphagnum moss. L. B. Brague, Hinsdale, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

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BUFFALO.

I have just looked over the plans for the Pan-American Exposition of 1901. Horticulture has not been forgotten. Its representative building will be close to the beautiful lagoon, the fountains, the forestry department and the music, only a little walk from the park itself and the bay, and not "lonesome and afar off" as was the case at the Omaha Trans-Mississippi.

The tropical garden and the agricultural building will be near the Midway, but the horticultural structure will be just where it belongs, amid the music and the flowers.

These ambitious Buffalonians are planning for a great exposition, and they talk as though "the world will never see its like again." It seems to be settled that the convention of the S. A. F. O. H. shall find its welcome here in 1901 at any rate, but for 1900 I will not be surprised to see an unlooked for contest. Notwithstanding New York appeared to me to have it "in a walk," my advice to New Yorkers, if they want it, is to do as the

Chicago frog did in the can of milk, and "bustle."

Father Scott was "busy or at the ball game" when I called. But then he is always busy these days, and between Florists' Manuals and Pan-American "Bees" and bowling, and his growing cut flower trade, I think he must sleep with his eyes open and pen in hand. He will be a "Great Scott," indeed, at the convention this year.

Really I shall have to change my mind about the bowling contest. It is time I hedged! and although Bro. Beneke has high hopes, it's going to be Buffalo first, at any rate Kasting says so, and that settles it!

There is no end to Kasting's ambition. The latest is political. His cards are out for councilman, and after the convention they may be out for something better yet.

I met Phil Breitmeyer at Adams' on his way home, tanned and happy after his vacation and full of tender memories of generous welcomes in the east. The convention could not have had a better missionary. He says the boys are "coming in swarms," and he has

gone back to put the "finishing touches" on the arrangements. He claims Detroit bowlers will down the Bisons, and won't repeat the nerve-losing process that whipped the Omahas last season.

Anderson is still ill and will not be out for two weeks. A severe case of typhoid, which he has fought bravely and conquered.

Adams and Rebstock and Scott and Palmer keep their windows gorgeous, notwithstanding summer dullness.

Dan Long is very busy with new catalogue and calendar designs and intends making quite an exhibit at Detroit.

It would not surprise me to see a delegation of thirty or forty from Buffalo at the convention. AUSTIN.

CARLISLE, PA.—H. W. Leaman is building two new houses, each 15x60.

CENTRALIA, ILL.—The firm of Seley & Kneihl have dissolved partnership, A. M. Seley retiring. The business will be continued by A. Kneihl.

GRAND RAPIDS.

Business is dull, the people are at the summer resorts, and save for funeral work, both locally and out of town, dull monotony reigns supreme.

Violet and rose planting are now over, and attention given the dirt pile for carnation benches. Some florists are obliged to get all their soil from out of town, making the item of soil come quite high.

Cut flower prices are firmer this summer than last. Carnations selling from 20 to 25 cents per dozen; roses from 75 cents to \$1; sweet peas from 10 to 15 cents; garden flowers any old price.

Asters are beginning to come in and will soon be plenty.

About seven or eight will attend the Detroit convention, and swell what promises to be the best attended convention ever held—and why should it not be? The florists have had a prosperous year and can afford to go. They should be and are anxious to take any part in the convention, looking toward the advancement of the trade in general, for by that method are they not benefiting themselves in particular?

B. B. Blair, recently in the employ of F. E. Meech & Son, of Charlevoix, has bought out the establishment. He will make some needed improvements and expects to work up a successful trade.

GEO. F. CRABB.

NORTH TONAWANDA, N. Y.

North and South Tonawanda had a hail storm on August 2 that made matters very lively for half an hour. Fred Meyers lost 500 lights, I. Kendall about 300; at Crist Schuell's the damage was very light. C. J. Pult, with 12,000 feet of 16x24 double, did not lose one light.

Fred Knicht, whose greenhouses were destroyed by fire last December, is again built up.

The Florists' Supply Co. have had such great success with their new soil crusher and pulverizer that they are now making a larger size and will exhibit one at the Detroit convention. The day is near when they will be as popular and as much in general use as the sash lifting machines are today.

JAMES.

COHOCTON, N. Y.—Charles Larrow won thirteen first and twelve second prizes at the sweet pea exhibition. All his plants were grown in Jadoo.

OWOSSO, MICH.—John Schleider is adding one new house.

Please look this over.

New Geraniums, De La Roux, Mitting, 2½-inch, per doz.....	\$1.00	Fuchsias, 10 varieties, mixed, 2½-inch, per 100	\$2.00
New Yellow Baby Primrose, better than the purple Baby Primrose, 2¼-inch, per doz.....	1.00	Asparagus Plumosus, 2¼-inch, per 100 ..	5.00
Primula, Chinese, Alba, Rubra, and Mixed, 2¼-inch, per 100	2.00	Asparagus Plumosus, 3½-inch, per 100..	7.00
Cinerarias, Hybrid, mixed, 2¼-inch, per 100	2.00	Asparagus Sprengerii, 2¼-inch, per 100.	5.00
Petunias, Double Fringed, 22 varieties, mixed, 2¼-inch, per 100	3.00	Lycopodium Dent, good for design work, 2¼-inch, per 100.....	2.00
Petunias, Double Ruffled, 15 varieties, mixed, 2¼-inch, per 100.....	2.00	Smilax, extra strong, 2¼-inch, per 100..	2.00
Geraniums, S. A. Nutt. Harmine, and 20 other varieties, 2¼-inch, per 100..	2.00	Begonias, Flowering, extra strong, 10 varieties, 2¼-inch, per 100	2.00
Geraniums, Harmine and La Favorite, 3-inch, per 100.....	3.00	Primula Japonica Alba, 2¼-in., per 100.	2.00
		Latania Borbarica, 30 inches high, 5 leaves, 30 cents each, per doz.	3.00
		Timber Ferns, dormant, for 6-inch pots, per 100.....	10.00

CARNATIONS, Field Grown, Empress, Evelina, Psyche and John Young.

YEARLY CAPACITY, 1,000,000 PLANTS. THE MORRIS FLORAL CO., MORRIS, ILL.

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The Annual Meeting of the Members of the Florists' Hail Association

will be held at Harmonie Hall, Detroit, Mich., on August 15th, 1899, at 2:30 P. M., for the purpose of electing two Directors and transacting necessary business.

JOHN G. ESLER, Sec'y.

E. G. Hill & Co.

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RICHMOND, INDIANA.

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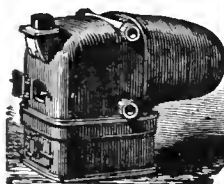
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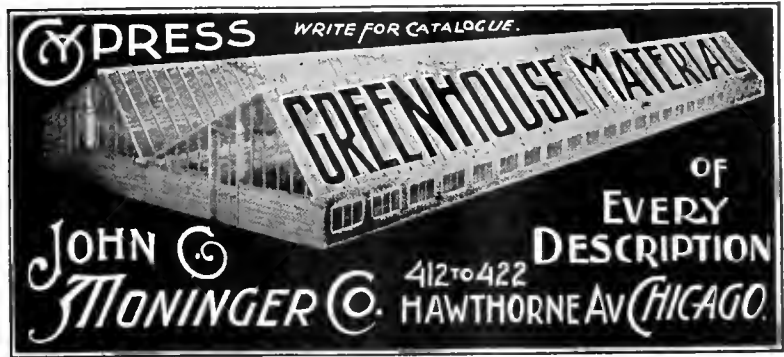
His whole thought and attention are devoted to roses.

OUR WHOLE THOUGHT and ATTENTION have been given to greenhouse building material.

We have had YEARS of experience in supplying material to critical practical growers.

We are specialists in Greenhouse Construction, just as the rose grower is a specialist in roses.

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OUR Annual Convention Number

will be issued Next Week, and will contain a report of the Detroit Convention.

To the FLORISTS' CONVENTION via the **WABASH**

The railroads have granted a fare and one-third to the meeting of the Society of American Florists, to be held in Detroit, August 15th to 18th. The direct and popular line to Detroit from Chicago is the **WABASH** road. We have the following trains:

- Leave Chicago 12:02 noon; arrive Detroit 8:10 P. M.
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Wagner sleepers and free reclining chair cars on all our trains. It is the only line operating compartment sleeping cars between Chicago and Detroit. For full particulars, sleeping car reservations, etc., call at Wabash ticket office, 97 Adams street, or write to

F. A. PALMER, Asst. Gen. Pass. Agt., 310 Marquette Bldg., Chicago.

EAST.

Rhinebeck, N. Y., July 24, 1899.
Gentlemen: Enclosed please find check for \$3.00. I will always advertise in the Review. It does the business every time. It will sell everything.

The Classified Plant Advertisements I like very much. It don't take long to find what you want.

Yours very truly,
(Signed) C. LAURITZEN.

WEST.

Argyle Park, Ill., Aug. 8, 1899.
Dear Sir: Our adv. in the Review has brought us so many orders that we are forced to discontinue same for awhile for lack of stock. Respectfully,
(Signed) STOLLERY BROS.

(The adv. referred to was a two line classified adv. under the heading Poinsettias, and cost them 20 cents a week.)

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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For the convenience of our readers in looking up offers of supplies they may wish, we print the following classified list of same offered by our advertisers. To ascertain the page upon which the advertisement appears, consult the adjoining regular index to advertisers. For plants see classified advs.

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Boilers.

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Lord & Burnham Co.

Cane Stakes.

Michell, H. F.

Carnation Supports.

Model Plant Stake Co.

Cut Flower Boxes.

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Sefton, J. W. Mfg. Co.

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Kasting, W. F.

Cut Flowers—Chicago.

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Bassett & Washburn.
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Cut Flowers—Kansas City.

Maplewood Cut Flower Co.

Cut Flowers—Milwaukee.

Ellis & Pollworth.

Cut Flower—New York.

Cut Flower Exchange.

Cut Flowers—Philadelphia

Baker, W. J.
Pennock, S. S.

Cut Flowers—Pittsburg.

Kastling, W. F.
Pittsburg Cut Flower Co.

Cut Flowers—St. Louis.

Berning, H. G.
Ellison & Tesson.
Kuehn, C. A.

Decorating Material.

Prague, L. R.
Elliott, W. H.
Kelsey, H. P.

Florists' Supplies.

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McKellar & Winterson.
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Jadoo.

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Pierce, F. O. Co.

Soil Pulverizer.

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Sphagnum Moss.

Prague, L. B.
Jewett, Z. K. & Co.

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Quaker City Mch. Wks.

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Chicago House Wrecking Co.

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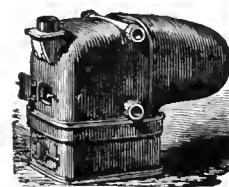
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SPRINGFIELD, ILL.—Steps are being taken to hold a flower show here next November.

...THE ANNUAL...

Convention Number

OF THE

FLORISTS' REVIEW

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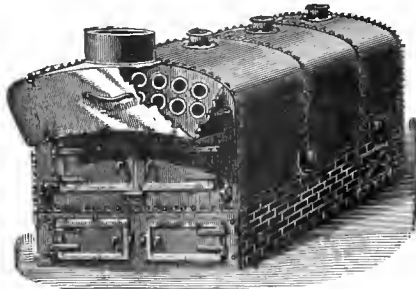
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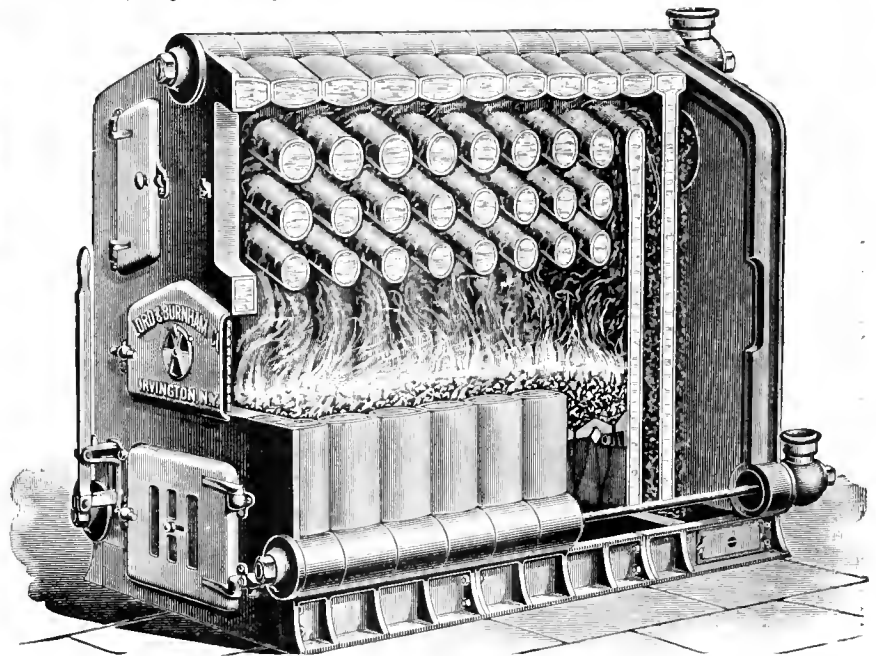
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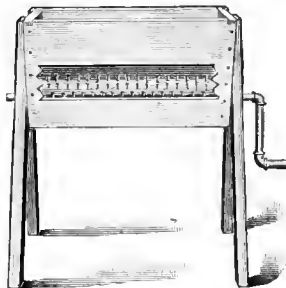
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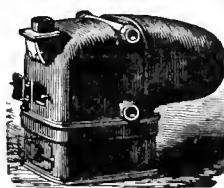
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Vol. IV.

CHICAGO AND NEW YORK, AUGUST 17, 1899.

No. 90.

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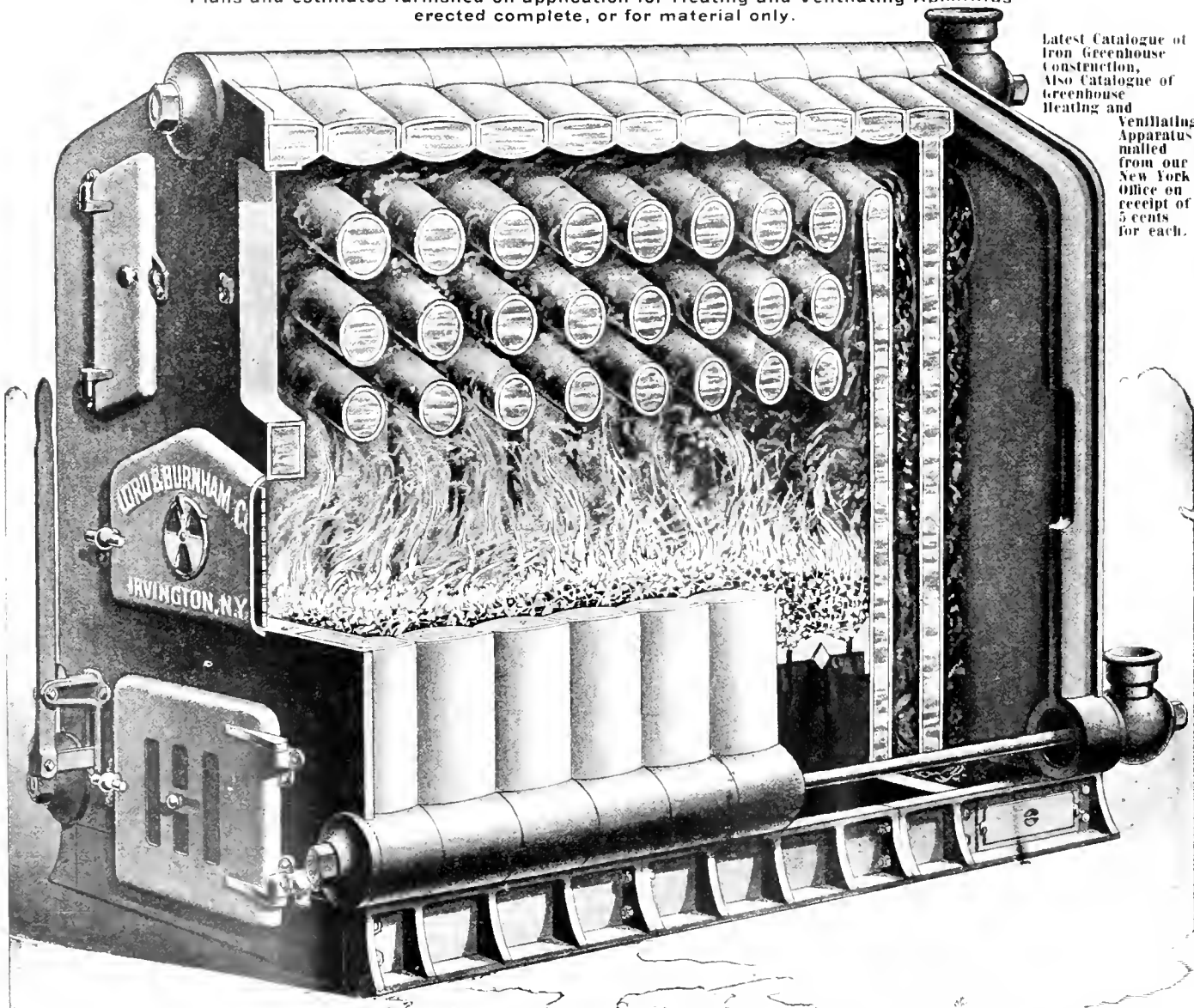
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COMPREHENSIVE TRADE EXHIBIT.

Officers for 1900: President, E. M. Wood, Natick, Mass; Vice-
President, F. R. Pierson, New York; Secretary, W. J.
Stewart, Boston; Treasurer, H. B. Beatty,
Oil City, Pa.—New York Next
Year—Detroit Hospitality
Unbounded.

At the opening session of the Society of American Florists in Detroit last Tuesday morning the large meeting hall was packed to the doors and old members of the society said that it was probably the largest attendance at any convention of the society for many years.

Mayor Maybury was introduced by Vice-President Breitmeyer, and welcomed the society to the City of the Straits in a most enthusiastic and cordial address. He considered it a great privilege to welcome the society to the attractions of Detroit. He hoped that the florists would live in the odor of Detroit's most generous hospitality while in the city. There are good times and hard times in Detroit, as well as railroad and local times, but he hoped the florists would while here have no time but a royal good time. He said the presence of the florists in Detroit was as welcome as were the early flowers of spring.

He enlized the purpose of the society in giving its members opportunity to profit by the experience of others, and held that the man who had made any discovery of practical value in cultural methods had no right to keep the same secret. He considered such a discoverer merely a trustee of a higher power and that his duty was to immediately execute his trust by communicating the information to his fellows.

Referring to Detroit, he said that the early voyagers who came there nearly 200 years ago landed less than half a mile away from the convention hall. He felt that Belle Isle Park would be of special interest to all, and thought this interest would be enhanced by the knowledge that the island was considered neutral and almost holy ground by the Indians. Here the warring tribes met to hold their conferences,

and no drop of human blood was ever shed there.

The response was by Robert Craig, and in his happiest vein. He said all had indeed been touched by the words of kindly welcome the mayor had spoken. It might seem strange that florists should be singled out for such cordiality. The explanation was that flowers brought all men together on one common platform. Men might differ on many other questions, but could be depended upon to unite in the contemplation of the beauty of flowers. He assured the mayor and other Detroit hosts that the kindly words and other evidences of welcome on every hand were most deeply appreciated.

He felt that the greatest danger to the society was from its friends. He believed that none of the great colleges ever had the athletic fever worse than the florists now had it. He especially warned everyone against Anderson, of Philadelphia, and his unknown angles.

President Rudd then read his address, as follows:

President Rudd's Address.

Ladies and Gentlemen of The Society of American Florists and Ornamental Horticulturists:

Fifteen years ago, with mingled hopes and doubts and fears, assembled together the first convention of the florists of America—the first convention of the Society of American Florists.

Thirteen times in the intervening years have we met together for the same purpose. Men who were young, as we accept the word, at the time of this first convention have now reached middle age. Men in the mature vigor of their fourth decade now feel old age creeping upon them. Annually new

faces have appeared among us, and annually have old and honored members stepped from the ranks, to assemble with us in this world never again.

This mysterious, this incomprehensible thing we call life and growth, this never-ending removal and replacing of parts, has been at work with us all these years, and we are met here today, in our fifteenth annual convention, the same, and yet not the same, as at our first.

This society stands today for these three things:

To discourage and stamp out from our profession and practice that which is bad.

To commend and retain that which is good.

To point out and obtain that which is lacking.

These are what it was organized for; they are what it has steadfastly stood for during all the years of its existence; they are what it stands for today; and I devoutly believe it will so continue, long after you and I and all of us have passed from the stage and its work is done and its course guided by other hands and other heads.

The year passed has been notable as one of great prosperity generally. The florist, both grower and merchant, has had his fair share of this increase in the general volume of business, and unless all signs fail, the Society of American Florists at this meeting is to largely recover, financially, what it has lost during the hard times and by reason of holding a convention at a place remote from its center of membership. As a missionary movement, and as a compliment to its members in the west, the meeting at Omaha was desirable, but, as was foreseen by many, the result was a serious financial loss.

At the present time, perhaps nine-tenths, or more, of our members are located between Boston and Chicago and north of Washington; the center of membership being, probably, in Pennsylvania. The financial welfare of the society, and a due consideration for the greatest good to the greatest number, should prevent frequent meetings outside this territory until the western and southern membership is increased. The horticultural sun has always been in the east, but it is already high in the heavens, and is traveling towards the meridian. We may expect to see the time when the meetings can be held as frequently in the west and south, as in the eastern cities.

During the current year has occurred the discontinuance of the Florists' Mutual Fire Insurance Company. After every effort on the part of the able men having the association in charge, the general apathy of the trade has compelled them to give up the struggle.

The birth, or renaissance, of the Rose Society is a matter of interest to us all. We wish it godspeed. May it do as much for the rose as its sister society has done for the carnation.

The continually increasing demand for plants has been noticeable, espe-

cially for flowering plants. While no doubt a part of this demand is due to the high price of cut flowers at the holiday season and Easter, there is no question but what the growth in that direction is far beyond what could occur from so small a cause.

Enormous quantities of the Boston fern have been produced and sold. The plant is altogether lacking in the stateliness and grace which characterize the palm, and the delicate beauty of form and color shown by many of our greenhouse plants, yet every point of its ragged fronds speaks strength and vigor. Its strong growth and adaptability to unfavorable conditions, and its comparative cheapness withal, have assured its retaining the lasting place in popular favor which it so quickly gained.

The year's list of new plants introduced in this country is not especially large and apparently contains nothing of strikingly unusual merit. In the early part of the year we followed with amused admiration the Boston exposition of how to advertise and sell a new carnation.

A decided tendency exists in outdoor planting to use less of the highly colored flowering and foliage bedding plants, substituting massed effects of perennials and shrubbery, especially the native forms. It is quite likely that the planting at the Columbian Exposition, so much discussed at the time, is largely responsible for this movement, and as many of the leading parks and cemeteries are working on this line, it is well for the florist to take heed.

Many railroads are giving special attention to the care and adornment of their station grounds with flowers. This practice is rapidly extending, and not only as creating another market, but more especially in placing well designed and well cared for plantations most prominently before the public, is in future to have a marked effect.

The matter of sub-irrigation in the greenhouse is worthy of careful investigation.

The present growth in floriculture in the west and far west is phenomenal. The number of glass structures being erected this year is unprecedented, notwithstanding the seemingly prohibitive prices of material. The tendency in the east seems to be more in the line of rebuilding, modernizing and increasing the quantity and quality of product from a given space, rather than enlarging that space.

Present conditions may render profitable these enormous ranges of cheaply built, poorly equipped houses, supplied with insufficient and unskilled labor, but the future has sad lessons of experience in store for their owners.

We are not as a class receiving from the experiment stations—institutions established and conducted with public funds, and for the public good—those benefits to which we are entitled. For this state of affairs no one is to blame but ourselves. We have neglected to make our wants known in an intelli-

gent manner, and have not accepted gracefully what little work has been done in our behalf.

In the press and at our meetings frequent complaint has been made of the lack of variety in flower stores—it has been well characterized as "That everlasting sameness." Many an old-fashioned flower could be grown and sold today to the profit of both grower and retailer as well as the satisfaction of the customer.

The increase in the number of side-wall flower sellers and the vast quantities of stock disposed of by them, has been a perennial source of argument between different branches of the trade. This class of dealers is a boon to the wholesale houses and to the growers, by making a market for otherwise unsalable stock. With the exception of an exceedingly small percentage, their trade is wholly with those who do not patronize the flower stores, and it is an open question whether they do not create flower lovers and flower buyers enough to amply repay the legitimate retailer for such few customers as they attract from him.

The list of new plant names registered will be of little value, unless it is full and complete. The present fee would seem much too high. The question of carnation registry, also that of the chrysanthemum, rose and dahlia requires attention. I would suggest that this society consult with all the auxiliary societies having in charge special flowers, with a view: First, to establish a uniform registry fee to be charged by each; second, for this society to recognize and register free all names properly registered before the auxiliary societies, they in turn to accord the same courtesy to names in their special lines registered with our society.

In conclusion, let me say a word for that much abused body, the Executive Committee. The men composing this committee are, almost without exception, in charge of large established interests. Their time is money, and the giving up of a week to the business of this society is a distinct financial loss to each and every one of them, and each one of them is annually put to an additional actual expense generally greater than that necessary to secure life membership in the Society of American Florists. For earnest, intelligent and conscientious hard work I commend the Executive Committee to you.

Report of Secretary Stewart.

Mr. President and Members: In reporting a decrease of membership for 1898 of about 17 per cent. from the previous year, I desire to say that this condition, under the peculiar circumstances of last year, does not indicate any weakness in our organization, but should rather be regarded as an evidence of vitality because the loss was not greater. The results of the present year will, I believe, show that this reduction in our membership was only

temporary, while the record of what we accomplished in 1898, the broadening of our lines and the systematizing of our work, afford good evidence that the society has now reached that stage where the size of the attendance at its conventions is no longer the only test of its strength.

I have to report the full paid up membership for 1898 as 434, inclusive of nineteen life members. The new names added during this year numbered fifty-six, of which one each were from Virginia, New Jersey, Michigan, Georgia and Washington; two each from South Dakota and Wisconsin; three each from New York, District of Columbia and Kansas; six each from Illinois and Minnesota; eight each from Missouri and Iowa, and ten from Nebraska.

The loss of 144 members who had been in good standing in 1897 was due solely to the indifference resultant from the holding of our annual meeting in a locality so remote from those centers whence our strongest support in membership has been heretofore derived, and our return to these more thickly populated communities will, in time, without doubt bring many of them back into line, while our new activities, such as co-operative purchase and plant registration, are already beginning to secure us new accretions that are likely to be influential and permanent, regardless of where our annual meetings may convene. There is also an increased prominence in the trade exhibition feature of our conventions and we shall make no mistake if we give our best thought to the further development of this department which should eventually become so important that no enterprising florist will think of missing it, and also to the reasonable encouragement of the recreative features which are so dear to the heart of many of our best members.

The printed transactions of the society for 1898 contains all the speeches and essays, the valuable discussions, and other business of the sessions at Omaha, in full, reports of the superintendent of the trade exhibition, the judges and various important committees, the medal awards, a list of plant introductions for the year, the story of how generously our Omaha brethren entertained us, the membership list by states and alphabetically, together with the transactions of the auxiliary societies. It records the inauguration of the new departments of plant registration, co-operative purchase, legislation, arbitration and claims adjustment, all of which have been in operation during the year and will be reported on at this session by the proper committees.

The list of new plants registered at the secretary's office up to date is as follows:

July 12, 1898, The Conard & Jones Co., rose Miss Clara Barton, and canna Admiral Schley and Gen. Shafter.

Oct. 29, Robert Sandiford, pelargoniums, Sandiford's Surprise, Sandiford's Wonder and Sandiford's Best.



Edmund M. Wood, President-Elect Society of American Florists.

Nov. 10, John H. Taylor, rose Admiral Dewey.

Nov. 27, John Cook, rose Baltimore.

Dec. 30, Alex. MacLellan, chrysanthemum Regina.

Jan. 3, 1899, M. H. Walsh, rose Lillian Nordica.

Jan. 19, Hoffmeister Floral Co., rose Maid of Honor.

Jan. 25, Freeman & Fletcher, violet Columbia.

Jan. 27, C. Eisele, carnations Neptune, Mercury, Venus, Jupiter, Uranus, Rising Sun, Saturn, Vulcan, Vesuvius, Estella and Minerva.

Feb. 1, J. C. Vaughan, cannas Red Indian, Mandarin and Victory.

Feb. 25, Good & Reese Co., rose Frances E. Willard.

Feb. 27, H. Eichholz, geranium America.

March 27, Ernst G. Asmus, rose Liberty.

April 6, American Rose Co., rose Ivory.

May 20, W. A. Manda, *Cypripedium* insigne Mrs. Geo. B. Wilson.

June 15, A. Herrington, *Heimerocalis* Florham.

July 25, W. A. Manda, *Dendrobium* nobile Mrs. Geo. B. Wilson.

The names Miss Clara Barton and Admiral Dewey, as applied to roses,

were given each to the productions of two different firms, and it is pleasure to report that in each case deference was given to the parties having registered the name with the Society of American Florists and their right to the exclusive use of the title in question honorably acknowledged by the claimants who had failed to register.

The executive committee meeting in this city last March was attended by all the members but one. An infinity of questions concerning the society's welfare were taken up. A synopsis of the committee's deliberations was given in the trade journals at the time and the program of this convention as now before you is also based on action taken at that meeting. The matter of the guarantees made by certain members against financial loss to the society by reason of the visit to Omaha was considered, and it was decided that the guarantors should be permitted to fulfill the obligations they had assumed, whereupon Mr. Kellogg, who was present, at once paid over the sum promised by him, and the committee voted that in recognition thereof Mr. Kellogg be constituted a life member.

Upon notification by the secretary, two other guarantors, Messrs. Benj. Hammond and H. A. Siebrecht, remit-

ted the amount respectively subscribed by them, thus leaving only one guarantor yet to settle. The secretary hopes that the generosity of these gentlemen will be recognized as in the case of Mr. Kellogg by a vote of the society making them life members.

The losses by death of members during the year since our last meeting have been as follows:

Robert Christie, Newport, Jan. 7, 1899.

J. Kadletz, Dongan Hills, Staten Island, April 11, 1899.

Julius Koenig, St. Louis, April 22, 1899.

E. H. Hunt, Chicago, July 25, 1899.

It is a pleasure to report that this society is especially indebted this year to the various railroad transportation committees and to the individual representatives of many of the roads covering the territory from Maine to the Rocky Mountains, for generous concessions and other evidences of kindly interest.

The communications to be presented later show that our society has a reputation both wide and good, and that a visit by the S. A. F. is universally regarded as a high honor to a community.

In conclusion, your secretary takes this opportunity to thank the officers and members for the continued kind forbearance, willing assistance and friendly encouragement so cordially extended throughout the year now closed.

The President's Reception.

Tuesday evening was devoted to the usual reception by the president and other officers. The Detroit Club had provided extra decorations, music and refreshments, and all these accessories were duly enjoyed after all had taken advantage of the opportunity to grasp the hand of President Rudd and those who assisted him at the function. The ladies had turned out in force and the floor having been cleared dancing was in order. The large number present seemed to enjoy the affair most thoroughly.

Wednesday Morning.

At the Wednesday morning session Messrs. P. O'Mara and James Dean extended warm invitations to the society to hold its next convention in the city of New York, and the invitation was accepted by a unanimous vote. So the meeting of 1900 will be held on Manhattan Island and New York and New Jersey will join hands to make the convention the most memorable one in the history of the society.

At the request of the officials of the Pan-American Exposition to be held at Buffalo in 1901 the society instructed its president to appoint three members to act as an advisory committee to the management of the Horticultural Department of the exposition.

An invitation from Mr. Fred Breitmeyer to pass Saturday afternoon and evening at Mt. Clemens, with headquarters at the Casino, was received

with applause. An open house for all was promised.

The discussion of the report of the Committee of Purchase was started and soon drifted into a criticism of trusts of all kinds. Mr. E. G. Hill thought the florists might find relief from the glass situation by starting a co-operative glass factory of their own. He condemned the tariff of 140 per cent. on glass, which made it possible for the American glass factories to disregard the possibility of foreign competition.

Mr. J. L. Dillon thought the pottery combination should also receive attention and stated that they had parceled out the country into sections, requiring buyers to purchase of the factory in their territory only.

The pipe trust, other trusts and the protective tariff were all touched up by various speakers, and one member raised a storm of applause by asserting that while he was down on "trusts" he thought the florists should themselves form a "combination" and put up the prices of their products. In response to laughing inquiries as to the difference between a trust and a combination he held his ground firmly that there was an important difference.

In this discussion the statement that florists could safely have increased the price of bedding plants 50 per cent. the past spring seemed to carry conviction to those present, all agreeing that their stocks sold out too quickly at prevailing rates and that all could have been easily sold at increased figures.

The nomination of officers was proceeded with and foreshadowed the election of E. M. Wood, Natick, Mass., as president; F. R. Pierson, New York, as vice-president; W. J. Stewart and H. B. Beatty for re-election as secretary and treasurer, respectively.

The Oriental.

The Oriental hotel caught a good share of the crowd at Detroit. A strong drawing card is a big swimming pool free to guests of the hotel. In each room was a comfortable bath robe in which one might array himself and proceed to the swimming pool at any time.

There were several great sessions in the pool, and it was better than any howling farce to see the boys chase each other around the pool with the hose. A certificate is hereby issued that Ed. Winterson was positively clean on Tuesday night, or there is no virtue in water well laid on. And Charley McKellar's cake walk, partly out and partly in the water, was a side-splitter. J. V. Merriam, arrayed in a towel, is a picture to remember, and J. Austin Shaw wrote a poem under water that would have lived forever had it not disappeared down the escape pipe. J. Austin makes almost as pretty a picture in trunks and a smile as he does when he dons his bright red tie.

Imagine fifteen or twenty demure little fellows like the above and C. C. Pollworth, John Degnan, Chas. Dick-

inson, J. S. Wilson, Harry Papworth, N. Zweifel, J. G. Esler, W. A. Kennedy, F. L. Atkins, James Hartshorne, A. Klokner, C. S. Loder and H. V. Huukel all turned loose at once in a swimming pool.

Walter Kreitling wept copiously when he heard of the fun he had missed.

STATE VICE-PRESIDENTS' REPORTS.

Illinois.

I think I make no mistake in telling you that in my city, and the state at large, there has been an appreciably better feeling and improved business conditions since we last met, and this among all classes and conditions of the trade.

In spite of increased glass area, mainly for rose and carnation growing alone, prices of these great factors in the florist's trade have kept more steady all the winter than for several years past, the gluts nearly always being among inferior grades that are always with us.

The chrysanthemum as yet shows no indication of losing its place as a fall flower, although as the general run of stock improves in grade, I fear the higher grades fall back some in prices obtained, and it is a question whether this also does not take place in roses and carnations, possibly in everything. Lilies, both *Harrisii* and *Longiflorum*, at times were hard to move and prices low.

An improved plant trade this spring, especially in bedding plants, was very notable. The sale of palms, ornamentals and ferns is greatly on the increase. There is, however, much room in Chicago for the grower of a higher grade of pot plants, especially for Christmas, Easter, and indeed throughout the year. I look for this department to be the best opening for places of moderate size today. As the monster establishments get more numerous, smaller ones growing cut flowers alone, without a home trade, seem yet and will continue to find it hard to make much headway; in other words, growth seems to take place mostly among a few firms, many old ones making no progress at all.

Although a very trying winter and hard on the coal pile, and some damage resulted from frozen plants under glass, this was as nothing compared to winter killing of out of door trees, shrubs and herbaceous plants, which was in many cases pitiful to all those who want to see a better and choicer variety of plants grown. Evergreens suffered badly, as they are apt to in our prairie country, causing a disastrous setback again to their general planting.

The high price of glass, and indeed of everything used in construction, as well as so-called low prices for cut flowers, has not stopped building. Although imperfect as a whole, I have notes of a list of nearly fifty firms

(fourteen only of these outside of Chicago) building 100 houses, containing nearly 14,000 running feet, with some half a million square feet of glass added to the supply of Illinois, and this surely not all, by any means. Out of this nearly one-half has been added by half a dozen large firms, one alone adding 163,275 square feet and using 200,000 square feet of glass, the same firm claiming now the immense quantity of 800,000 feet of glass, standing on twenty-one acres of ground and this in solid blocks, not a detached house on the place. All this space is substantially for roses and carnations alone. Is there anything equal to it in the world? With five other firms added, the six have now one and three-quarter millions square feet; veritable rose and carnation farms under glass.

Where are we at, or to what tending? What will the census tell us next year? The census of 1890 gave as the largest place in any state, 150,000 square feet, and but one at that, in Washington, D. C. This same census gave my state 330 florist firms; there are now in the city of Chicago alone many more than this number. In a radius of twenty miles, and mainly tributary to Chicago's flower trade, there are today 500 firms.

The last census gave Illinois 3,236,750 square feet of glass area. It is safe to estimate that Chicago now has nearly 5,000,000 square feet. In 1890 the now big firms hardly were in existence, today they have well on to two-fifths of the whole. The census gave as the returns in flowers sold of the 330 firms of Illinois, \$1,888,722.60. As the year 1890, however, was still in the boom times of the florist's business, it is hardly likely the proportion of sales will keep up with the increase of firms and glass area, the tendency being toward a lowering of prices obtained when average price for all flowers grown is taken into consideration.

The Horticultural Society of Chicago's annual fall show is still a prominent factor, but the society has yet to learn how to make a flower show pay all its expenses on its own merits. This is partly owing to great expense and poor halls to hold its shows in. The coming fall an extraordinary departure is mapped out, being no other than the trial of holding a five days' show in the Auditorium building, which rents for \$1,000 per day. There is no other flower show in the whole state of Illinois that I know of.

The Chicago Florists' Club is still a live institution, but can never be the success it might be until the growers take a greater interest in its well being.

The American Association of Nurserymen held a highly successful two days' meeting in this city in June, at the Chicago Beach hotel, six miles from the center of the city. They appear to have settled down to a purely business meeting for the time being, waiving part of the original objects as laid down—"Relaxation from business cares and the cultivation of personal



F. R. Pierson, Vice-President-Elect, Society of American Florists.

acquaintance with others engaged in the trade."

The committee of the Chrysanthemum Society of America met in Chicago each Saturday from October 23rd to November 27, and certificated Solar Queen, Australian Gold, Black Hawk, Madison, Mrs. O. P. Bassett, Frank Hardy, Iowa, Snow Queen, Mrs. Wm. B. Brown, Rustique and Wm. H. Chadwick.

Nothing startling originated in Illinois the past year, although some sports will figure largely among the Chicago growers. Notably a red sport of old Tidal Wave, named Evanston, and also a white Daybreak. One grower has a seedling pink he named Pink Beauty, that has merit. Another named one Carter Harrison; doubtful if new, however.

The connecting link of boulevard that when done finishes the connection of Lincoln park and the West Side park system, is now under way, and will make a forty-mile continuous driveway and park, surrounding the city of Chicago, just in time for the automobile era. The agitation is now for small parks among the thickly settled parts of the city—breathing places for the masses.

Finally, I think the signs of the

times do point to a general prosperous era that may run for some time. If I may be permitted to offer advice to young men in the harness, if this holds good, now's your time to get on a solid basis, but be careful during the prosperous years, or the bad years, when they do come again, will get away with you. Or put it thus: "When the harvest comes the wise farmer thinks of the winter. It should be that way in all periods of prosperity." Let the florist take it to heart.

EDGAR SANDERS.

Eastern New York.

It is with pleasure that I am able to report a better feeling in trade generally than was possible at the last meeting of our society. Inquiry reveals the fact that in Eastern New York the quantity of commercial greenhouse building done during the year that has elapsed has increased about 25 per cent over the corresponding period of the year previous, while as regards what is termed "private work" one building firm reports "there has never been so good a year."

It may not be out of place to quote here the views of two of our leading firms doing a general trade, on the present condition and future outlook

of business: "In a general way the past year's business in plants was an improvement upon the previous year. This was probably brought about in some measure by the general improvement in business, but I think was due largely to the very severe winter, which killed a great many plants that might otherwise have lived, and therefore created an unusual demand."

"Trade has been good—our entire line sold well; in fact, we had few things that were unsalable. Carnations have suffered somewhat from drouth, but are picking up rapidly, as recent rains have supplied abundant moisture. Business prospects for 1900 are very favorable. No dark clouds in sight as yet."

Probably the greatest increase during the year has been made in the number of violet growers in the Hudson river district. No fewer than seven new men have embarked in this branch around Rhinebeck, N. Y., their total augmentation of glass representing some 25,000 square feet. Reports of the crop conditions as regards violets indicate that the plants are looking bright, healthy and free from disease.

The cut flower trade shows a marked improvement over the previous year, and has generally been satisfactory. The plant business, both at Easter and Christmas times, continues on the increase and has caused some apprehension in the minds of the cut-flower growers.

We have not yet reached that stage when all our supplies can be obtained within the boundaries of our extensive territory, some \$564,413 worth of stock of one kind and another having been received at the port of New York alone during the last fiscal year.

A branch of the business that keeps on growing is the sale of plants at auction. Never in the history of the auction rooms of New York city has such a trade been done as this year, and at improved prices. One firm of auctioneers reports an increase of 25 per cent over last year's trade. There is also a growing tendency to hold auction sales on the premises, a means of disposal of stock which is said to be not without its benefits.

Chrysanthemums.—The first chrysanthemums to reach this market last fall in quantity were of the variety Mme. Gastellier, on September 17. A study of the chrysanthemum market would seem to indicate that in the height of the season the prices obtained in 1898 were somewhat lower than in 1897, and that at times the market was quite druggery; attributed by some to the waning interest in the Queen of Autumn. There was, however, as usual, a satisfactory sale for good stock. During the season of 1898 the New York committee of the Chrysanthemum Society of America granted certificates to the following varieties: Polly Rose, Mme. Lucie Faure, Mrs. F. A. Constable, Mrs. G. J. Warren (exhibition only), Colonel D. Apple-

ton, White Maud Dean and J. M. Keller.

Exhibitions.—In New York city exhibitions were given by the American Institute in October last year and June of this year; also by the New York Gardeners' Society. Flower shows have likewise been held at Mount Kisco, Millbrook and Poughkeepsie, N. Y., with gratifying attendances at each. I am unable this year yet to report a flower show under the auspices of the New York Florists' Club.

New Societies.—An addition has been made to the number of local societies in our vicinity by the formation of the Tarrytown Horticultural Society. This new association is showing commendable aggressiveness and enterprise and will hold a chrysanthemum exhibition the coming fall.

On March 13 of this year the American Rose Society was organized in the city of New York. The aims and objects of this body have been very fully set forth by its promoters, but I do not think it will be out of place to here refer to the usefulness of such a society and the benefits likely to accrue from its operation to all interested in the rose. While established on grounds somewhat different from other national societies now existing, in that it solicits the support of the amateur element, as regards both its membership and exhibitions, that, in my opinion, only makes its claims for encouragement from you all the stronger.

Custom House Delays.—A matter that has caused considerable inconvenience and loss to importers has been the delay to stock at the custom houses, necessitated by the inspection demanded under the customs regulations, much of which was considered altogether unnecessary. A committee of this society took up the matter with those in authority and after considerable work has been successful in securing a modification of the strictures on imported goods, the latest advices in this respect announcing that only one package out of each invoice will be ordered to the public stores for examination, and in all cases where it may be practicable, wharf examination is to rule "for shrubs, trees and similar nursery stock."

Obituary.—The death roll in Eastern New York has unfortunately been a long one during the year. There have been removed from our section such well known co-workers as Valentine Burgevin, W. R. Davison, J. M. Thorburn, Matthew Dummett, John Kadletz, E. F. Rogers, Jacob G. Bebus and Lieutenant Tiffany, of the Rosary Company, who gave up his young life in the service of his country.

Miscellaneous.—Among other items worthy of note may be mentioned an addition to the number of cut flower commission houses in New York, the agitation now going on for a "horticultural exchange," or general flower market, in some central part of the city. The need of such a market is

yearly becoming more keenly felt, and the largest shippers are now considering ways and means for its establishment. With the hearty co-operation of all interested there does not appear on the surface any good reason why such an institution would not prove a profitable investment for private capital, failing the support of the city authorities. ALEX. WALLACE.

Report of Committee on Co-operative Purchase.

Your committee of the Department of Co-Operative Purchase, which received your sanction at the Omaha convention to continue another year, has to report as follows:

The committee issued circulars to members of the society, and to persons who were not members, similar to those of last year. A number of responses were received, sending their orders and making inquiries for prices for the material needed by them.

The department has been somewhat handicapped. In the first part of the year prices declined, then advanced rapidly from week to week, so that quotations received this week would be changed the following to a higher price, in many cases before we were able to notify the purchaser, and long before the receipt of the order. The filling of orders for some of the material was so much delayed that it became almost exasperating, but this was not the fault of the department. It is a condition which can be said to exist in all kinds of trade throughout the country. A number of parties who wrote for quotations, after receiving them preferred waiting before giving their order, believing in lower prices, necessitating the writing of letters notifying them of any change in price upon the material they wished to purchase. This occasioned considerable clerical work, which the department was not fitted to perform as promptly as it ought to have been.

The letters would be addressed to the secretary; it might be a number of days before they reached the chairman of the department, and thus replies were not as prompt as they would be were a different system adopted. Enough has been accomplished, however, to indicate what might be the value of this department to the society if placed upon a permanent basis; and we are pleased to present to you the replies of some of the purchasers through this department, stating the value it has been to them as well as their opinion of the future benefit which it would be to the society's members.

The committee sent letters to those who purchased through the department, requesting them to write and state what value or benefit (if any), and in what manner, the co-operative department of purchase has been to them. Mr. M. H. Walsh, of Wood's Holl, Mass., writes that the saving to him was \$27 on sixty boxes of glass, \$3.25 on 200 pounds of putty, \$15.50 on

350 pounds of lead, \$24 on 600 feet of hose, \$1.05 on sixteen gallons of linseed oil—being a total saving of \$70.80. He says: "I think the co-operative department of purchase a most important and valuable branch of the Society of American Florists and Ornamental Horticulturists. I hope its members will avail themselves of the benefits to be gained by purchasing through your committee, as the larger the amount purchased, the lower the cost."

Mr. J. D. Inlay, Zanesville, Ohio, writes: "I think I was very fortunate in getting my glass through the Society of American Florists' department of purchase. I saved at least \$1.80 per box on sixty-two boxes of glass, making about \$110 saved, although the uncertainty of getting it was exasperating. I felt at one time as though I would not get the glass at all, and should not have built if I had to pay the price now asked for glass. I also want to thank you very, very much for your trouble and assistance in the purchase."

Messrs. E. Hippard & Co., Youngstown, Ohio, write: "We will say that we saved on our glass purchased through your purchasing department about 90 cents a box of 16x24 double A glass, making a saving of \$160.65 on 175 boxes."

It is here shown that the saving to those members who availed themselves of the opportunity to purchase their supplies through the co-operative department of purchase has been large, and, as indicated in last year's report of your committee, the percentage of saving is much greater to the small purchaser than to the larger one, especially when the latter is located in or near the larger cities.

In continuing this department of purchase, your committee would recommend the following changes in its management: We believe there should be a paid official to have charge of this department, under the direction of a committee of three of the executive committee. He shall devote his entire time to the business of this department, and shall report once a month or once a quarter to the committee of three having charge. In this way its business would be properly done, and with dispatch. He should be paid by a percentage upon the purchasing price, which percentage should be added to the distributing price.

The committee would also suggest another form of running this department, and we believe it to be the better of the two: By organizing a corporation, to be known as the Co-operative Department of Purchase and Distribution of the Society of American Florists and Ornamental Horticulturists, with a capital at its organization of not less than \$12,000, the society to have 51 per cent of its common stock and its members the balance. Whenever there is any increase of the capital, the society shall always retain 51 per cent of the common stock, allowing the members to purchase the bal-

ance; no member to have over one share. The profits of the business to be divided in the following manner: 50 per cent to be paid to the purchasers, or customers; 51 per cent of the remaining 50 per cent to the society, and the balance (49 per cent) to the holders of the common stock other than the society.

Of course, it will require capital to start the business properly, to insure its success, and if it cannot be obtained immediately upon the common stock, we would suggest that the more active members of the society subscribe to a sufficient amount at once to make up the \$12,000, for which they shall have issued to them preferred stock drawing interest at the rate of 6 per cent per annum, cumulative. The common stock holders reserving the right to cancel the preferred stock at any time upon the payment of principal and interest. Thus, the common stock holders will have not only the profit upon their stock, but also a profit upon their purchases, and at the same time enabling them to buy at a less rate than elsewhere on account of the large volume of business which would come to the department, and from the great expense saved in obtaining the business; the business to be carried upon a cash basis, either by prepayment of cash when sending the order, or by cash draft, with bill of lading attached, drawn upon the purchaser; this department to transact business not only with the members of the society, but with those who are not members. Only members of the society and the society itself holding common stock of the co-operative department of purchase shall participate in the profits of their purchases. An accounting of the business shall be made at the end of every six months, and the profits then declared and paid.

We wish it understood that we have discovered no new law or principle, and only wish to urge the society in carrying out what has already been attempted and found to be successful.

THE TRADE EXHIBIT.

This exhibit had an excellent hall this year, and the display was comprehensive and instructive.

H. A. Dreer, Philadelphia, had as usual a large collection of palms, ferns and other trade decorative plants, and a tank of aquatic flowers that was most interesting. They also displayed the Van Reyper glazing points and plant tubs.

John C. Moninger Co., Chicago, had a large model showing various styles of greenhouse construction, all of cypress.

E. H. Hunt, Chicago, had a fine display of florists' ribbons and wheat sheaves of fine quality.

Ellis & Pollworth, Milwaukee, displayed a large collection of trade palms, and all sizes of their cut flower boxes.

The Evans Challenge ventilating apparatus was represented by a large

working model that worked as smoothly as ever.

The Lockland Lumber Co., Lockland, O., displayed sections of their well known sash bars and other construction material. They also supplied delegates with canes made from a cypress bar, a section of the bar being left near the head.

The Flower City Plant Food Co., Rochester, N. Y., had a very pretty display of the small packages of Walker's Excelsior Plant Food, the lithographed labels on the packages giving opportunity for effective display. These packages should make very attractive shelf goods.

Chas. D. Ball, Holmesburg, Philadelphia, had a fine collection of trade palms and other decorative plants, all of extra fine quality.

Lager & Hurrell, Summit, N. J., made a beautiful display of orchid plants in bloom, mainly Cattleyas, that attracted universal attention.

H. F. Michell, Philadelphia, had a general line of bulbs, implements, Jaddoo, etc.

W. C. Krick, Brooklyn, N. Y., showed a collection of his immortelle letters and designs. Also his pot hanger and something new in the way of a plant stand which can be folded up in very compact form for convenience in carrying.

The Florists' Supply Co., No. Tonawanda, N. Y., had on exhibition one of their soil crushers. It is unquestionably a very useful implement.

S. Taplin, Detroit, exhibited a model of his double slack burning boiler and some slack and clay mixed ready for use as fuel.

J. E. Yeats, Champaign, Ill., had a temperate alarm apparatus that promises to be a useful addition to the florists' safeguards against neglect of the fires.

Not a greenfly was to be met on any of the plants in the hall, for in a commanding position stood a pile of various sized packages of Nikoteen.

C. H. Joosten, New York, displayed bulbs and palm seeds.

Hitchings & Co., New York, had on exhibition one of their large greenhouse heaters.

J. A. Kramer, Cedar Rapids, Ia., exhibited a model of an all iron pipe greenhouse frame that was very interesting.

Siebrecht & Son, New York, had a large display of palms and other decorative plants.

J. M. Gasser, Cleveland, O., showed his zinc joints for butting glass, and blooms of his new pink carnation Merimac.

Harry Papworth, New Orleans, had a group of large palms and other decorative plants, and he was warmly congratulated on bringing such a fine exhibit such a long distance.

D. B. Long, Buffalo, made his usual exhibit of photographs of floral designs and advertising novelties for florists, having something new this year in the way of record sheets and books in which the grower may keep

accurate account of his cut of flowers from day to day.

The Detroit Flower Pot Mfy. had on display a line of "those red pots," and also samples of the new bottomless violet pots with growing plants in same.

L. B. Brague, Hinsdale, Mass., displayed samples of his well known cut hardy ferns, evergreen trees and sphagnum moss.

S. P. Conkling, Detroit, exhibited pipes and fittings and steam pipe coverings.

The Lehman Wagon Heater was displayed in various styles by Mr. J. W. Erringer, Chicago, the western sales agent. One of the heaters "in action" excited considerable interest.

Several new refrigerators were shown.

Peter Crowe, Utica, N. Y., displayed a vase of fronds of "The best adiantum for cutting."

Partly completed copies of The Florists' Manual, by William Scott, were shown by the Florists' Publishing Co.

Geo. Wittbold, Chicago, made a display of palms, ferns and decorative plants.

A. Herrmann, New York, showed samples of his metal floral designs.

A. Fuchs, Chicago, displayed palms and other decorative plants, and W. J. Hesser, Plattsmouth, Neb., also had a small display of same.

Bobbink & Atkins displayed a line of seasonable bulbs.

A. Hupprich, Detroit, exhibited samples of flower pots, as did also the Ionia Pottery Co., Ionia, Mich.

J. A. Peterson, Cincinnati, had a display of fine trade specimens of Adiantum Farleyense and Pandanus Veitchii.

Geo. A. Rackham, Detroit, showed some fine cyclamens, ferns and a plant of Cattleya Hardyana in good bloom.

Clucas & Boddington, New York, showed a full line of bulbs.

J. B. Moorhead, Moorhead, Tex., sent some specimens of curious cacti and resurrection plants.

C. Eisele, Philadelphia, showed blooms of his seedling carnation, Vulcan, from open ground.

E. H. Michel, St. Louis, displayed a collection of ferns.

The only certificate awarded by the judges was to the Detroit Flower Pot Manufactory for their new bottomless pot.

The adiantum shown by Peter Crowe, Utica, N. Y., was highly recommended as suitable for cut fronds.

We missed the usual display of M. Rice & Co., of Philadelphia, from the trade exhibit at Detroit, but Mr. Rice himself was on deck as usual. He says they were too busy moving their large stock to their handsome new building to prepare a suitable display, but that they will be stronger than ever next year.

There were other displays, and not the least interesting were the groups of decorative plants placed in advantageous positions near the convention hall.

Approaching the hall one passed through a large arch bearing the letters "S. A. F." in electric bulbs and with a beautiful group of decorative plants at each base. It was a fitting approach to the convention hall of a body of florists. Evidently special decorations of a similar character had been arranged for the occasion in various open places near the convention hall. The Detroit florists certainly deserve much credit for their work in this direction.

Mr. Rackham proved to be an unusually efficient superintendent, and much of the usual friction was eliminated by his able management.

J. G. & A. Esler, Saddle River, N. J., displayed samples of their special greenhouse hose.

THURSDAY MORNING.

Mr. Wood read his paper. The election of officers resulted as foreshadowed by the nominations, the elections being by unanimous votes with but one exception. After his election President-elect Wood responded to repeated calls, and in a short address thanked the members heartily for the honor conferred upon him and promised the society his very best thought and effort as its chief executive officer.

The question box was opened and the first question was, "Can roses be grafted on roots of manetti with dormant wood, as is done in apple grafting?" Mr. E. G. Hill replied that in his early experience in the trade much of this sort of grafting was successfully done, but success had not attended later efforts. Robert George said this sort of grafting was being very successfully done in the South, but he had never practiced it extensively, and he noted that with the dark colored hybrid perpetuals there was apt to be canker at union. Mr. C. W. Ward read his paper.

HYBRIDIZING AND THE INTRODUCTION OF NEW CARNATIONS.

BY C. W. WARD.

The improvement in the carnation which has taken place during the past six years has brought it so prominently before the general public, and has increased its use to such an extent, that probably no flower occupies a more prominent position among florists' flowers than does the carnation today. This increasing interest in the divine flower naturally attracts the efforts of many florists towards its improvement.

There exist two leading elements that bid fair to encourage florists to continue their efforts for the improvement of the carnation for many years to come. Lovers as well as users of flowers are constantly seeking that which is novel and rare. The progressive florist is ever on the alert to gratify such desires on the part of the flower-loving public, consequently the call for new and improved carnations

will be to some extent perpetuated by these conditions, and it may be well said that no florist who hopes to keep abreast of the times can afford to ignore this improvement in the carnation, and must of necessity keep in close touch with the newer varieties as they are introduced and keep his stock fully up to date by the purchase of those better sorts which bid fair to succeed under the conditions which he grows carnations.

Again, say what we may, it is a well known fact that the average variety of carnation remains in profitable cultivation but a few years, and must be constantly replaced by the newer and improved and more vigorous varieties grown from seed. In other words, carnations are continually running out. Therefore, the market for new and improved varieties would seem to be a permanent one, consequently these elements will tend to keep a broad field open to the hybridizer, who may rest assured that if he produces a really improved carnation, he will find a profitable sale for his production.

The operation of hybridization has been so frequently and so fully described by various writers that there is little need of repeating it in this paper, and perhaps more good may be accomplished by devoting our time to discussing the selection of parents, pedigree, keeping of records, selection of propagating wood, and various other minutiae upon which the production of a meritorious seedling carnation depends.

The foundation of successful hybridizing rests upon the selection of parents in the first instance and gradually building up with and in proportion to the care exercised by the hybridizer in keeping proper watch upon the pedigrees of the various strains he is seeking to improve.

This can best be accomplished by means of accurate records of the work done, as well as notes upon the results obtained, which notes must necessarily extend through the life history of the plant and be fully brought down to date and properly compiled so as to be accessible to the mind of the hybridizer with the least mental effort to himself.

This, of course, means application and labor to such an extent that perhaps comparatively few of those who engage in raising new carnations will carry out the necessary details a sufficient length of time to accomplish material results. The bare raising and selling a double seedling carnation, even though netting some profit to its grower, cannot be considered as successful improvement of the carnation.

An accidental variety of merit may now and then come to the grower who miscellaneous mixes pollen of different flowers and plants the seed resulting therefrom, but the continued production of the best of the improved varieties will scarcely result from such work.

If the reader of this paper expects that hard and fast rules for producing

an army of new seedlings to perplex the seeker of that which is best and most profitable to grow will be herein laid down, he is laboring under a mistaken idea.

The ground over which a hybridizer is working becomes peculiarly his own territory, practically an unknown region, which he alone is exploring, and he must not only get his knowledge as he works over his field, but he must also have the wit to take advantage of and use what knowledge it may be his fortune to garner; consequently he cannot make rules even for his own guidance, much less for the guidance of others laboring in entirely different, though analogous, fields.

In the selection of parents, choose the best you have at hand. You will not find all the desirable attributes in any one plant, nor in any six plants; possibly not in any 100 plants; and after producing several thousand seedling plants, and finally reducing them by the process of selection to a half dozen worthy of a third year's trial, the hybridizer will wonder and be discouraged by the amount of dross he has to handle in order to get a little gold.

In the selection of seedlings, color stands pre-eminently above all other considerations. Size, form, fragrance, substance, strength of stem, stand on a fairly even basis of value. When these have been secured, get as much freedom and continuity of bloom as is possible and maintain your cardinal features. Don't overlook fragrance. Its place is so close to color and size (the changes in the Carnation Society's scale of points to the contrary notwithstanding) that it was the cardinal virtue that won the divine flower into favor long before she had much of either color or size to boast of. Having suited your own taste in selecting your seedling, you must investigate its selling qualities.

Florists should appreciate that the discriminating buyer usually decides what he or she wishes to buy. The retail florist being in close touch with the consuming purchaser, quickly discerns what is most pleasing to the greatest number. Therefore it follows that the producer of new carnations should keep in touch with the retailer and should avail himself of the retailer's knowledge whenever possible. Choose pure tones of color, those possessing the greatest element of fixedness. Avoid dull, fading, or washy colors, and above all those peculiar combinations of discordant tints that shock the optic nerve.

Every flower coming with long, stiff stems, large double flowers, good form and calyx, and free bloomer, will not prove commercially valuable; but a combination of size, pure tone of color, good stem, form, fragrance and calyx, with freedom of bloom, and above all not forgetting selling qualities, is what constitutes a first class commercial carnation, and the hybridizer who produces such a one deserves the plaudits of his fellow growers.

Having determined the candidate for introduction, the method of bringing it before the trade will next interest the originator. There are two methods now in use, differing to such an extent as to deserve separate descriptions. The first and possibly most frequently employed is what we may term the "Boom Method," and in order to be successfully carried out needs the co-operation of several different elements and the accumulation of a large number of stock plants.

Briefly stated, the boom method consists of praising and pushing the merits of the candidate for introduction in all possible ways, and advertising all its virtues, real and imaginary, constantly through all available mediums. Certificates of merit, special cups and prizes offered to be won by the candidate, as well as frequent exhibitions at flower shows, supplemented by well written press notices, form the usual plan, and when cleverly carried out result in large sales, and considerable profit to the introducer during the year of introduction.

The second and perhaps the most desirable method might be termed the "Business Method," and while not producing such large sales the first year, eventually accomplishes more for the general benefit of the fraternity than the method just previously described, and may be safely ventured with a stock of 1,500 to 2,000 plants to propagate from. The varieties selected for introduction may be brought to the attention of the trade by placing the flowers in the hands of leading retailers, as well as by judicious advertising and staging them at the annual exhibitions.

The descriptions given should be correct; avoid producing impressions or arousing expectations that cannot be fulfilled. Be satisfied with selling a fair quantity at a good price the first season and endeavor to be in a position to satisfy the second season's demand, which will be large if your selections possess merit.

Propagate your stock carefully, selecting your propagating wood with judgment keeping stock in good health and sending out the young plants in a condition that will insure good growth and a successful crop of flowers in the hands of the average florist.

I do not mean to carry the impression that the introducer is limited to the two methods above described. Each introducer may adopt any honorable, legitimate means whereby he brings his productions to popular notice and secures a profitable sale thereof.

If the carnation specialist can get under the wing of a copper king and deftly twist a \$30,000 nugget from the plethoric purse of the monarch of metals, he may well congratulate himself, and no doubt many of the fraternity will also congratulate him; but it may be well to remember that there are as yet few Lawsons, even fewer Fishers, perhaps, while the combination of Lawson, Fisher and Galvin is the rarest bird of all.

It may, however, be well to comprehend that a reputation for reliable and honorable dealing may be established by the introducer of new plants as well as by any other business man, and such a reputation will become a source of much profit to its possessor and a surer aid in marketing his productions than could all the prizes and certificates that he might be able to win. It therefore behooves the intending introducer of new carnations to not only be cautious and circumspect in the selection and judging of his own seedlings, but to guard his statements well and to let no shadow of misrepresentation linger about the descriptions with which he brings his favorites to his patrons' notice.

Remember that ten satisfied customers are far more valuable than a thousand dissatisfied ones; and the way to create satisfied customers is to introduce only varieties which your experience teaches you will have a probable chance of succeeding, and to deliver the stock in such a condition that the purchaser will not be handicapped in his efforts to successfully test your introductions.

CHRYSANTHEMUM SOCIETY.

The annual meeting of the Chrysanthemum Society of America was held at Detroit Thursday morning. The treasurer reported a balance on hand of \$457.76. Some changes were made in the scales for judging. Officers for the ensuing year were elected as follows: E. G. Hill, president; Edwin Lonsdale, vice-president; Elmer D. Smith, secretary; John N. May, treasurer. The president was instructed to change one member of each of the local committee every year.

AMERICAN ROSE SOCIETY.

But a brief session was held Wednesday afternoon, and this was devoted to the interests of the American Rose Society. President W. C. Barry made an eloquent plea to those present to support the movement to place the Rose Society on its feet. This was supplemented by earnest words in the same line by Robert Craig, E. G. Hill and J. N. May, the latter saying that the rose had made him what he is today.

As the result of these appeals eleven of those present took life memberships in the society at \$50 each, and there are a good many yet to hear from.

Secretary Paul M. Pierson expressed himself as much encouraged by the enthusiasm displayed and anticipated a bright and useful future for the American Rose Society.

A BOWLING ORGANIZATION.

The National Florists' Bowling Association was organized at a meeting on the excursion boat at Detroit, at which the following ten clubs were represented: Omaha, Philadelphia, New York, Flatbush, St. Louis, Chicago, Cleveland, Pittsburg, Buffalo and Detroit.

Officers were elected as follows: President, Robert Kift, Philadelphia; secretary, P. J. Hauswirth, Chicago; treasurer, J. F. Wilcox, Omaha.

The officers were constituted a committee to draft rules and regulations.

The membership is by clubs, and each club is expected to subscribe \$10 to a fund, 50 per cent. of which will be used to provide prizes for those not rolling in any of the regular teams, and 50 per cent. to provide second prizes for the teams.

THE TROLLEY RIDE OF THE DETROIT CONVENTION.

This feature of the entertainment department of the convention on Tuesday afternoon was a fine beginning and a great success. Eight carloads of happy visitors, accompanied by the local florists, started from the City Hall at 3 p. m. Every car was in charge of four of the Detroit Club, so that the arrangements for the enjoyment of all were perfectly made and the whole afternoon's pleasure was carried to a happy conclusion without a hitch or disappointment of any kind. The route was up beautiful Woodward avenue, to the limits of the city, past the fine residences of the wealthy, through Grand Circus park, and beyond the boulevard. The return was speedily made to the starting point and then away up Jefferson avenue to the lovely Waterworks park, where a photo of the gentlemen visitors was taken, the ladies looking admiringly on. Thence after an hour's visit to the park itself and investigation of the waterworks, the flowerclock and the American flag bedding work, cars were again taken to the bridge entrance. Carriages over to Belle Isle, a lovely drive through a part of the park, an appetizing lunch at the Casino and a delightful sail on the river to the city. All in all, a most auspicious opening to a week of limitless enjoyment in which nearly 1,000 participated and which made everybody at home and happy.

THE WEDNESDAY EXCURSION.

The excursion up the Detroit river to Star Island on Wednesday afternoon was a most enjoyable affair. The weather was delightful and over 700 enjoyed the cool breezes and beautiful scenery. Light refreshments were provided on the boat and music by an excellent orchestra soon set the young people to dancing.

On the lower deck that "hot bunch" from Chicago made things lively. They sang themselves hoarse and furnished an immense amount of amusement.

At Star Island a fish supper was served and then followed the ride home, the evening ride on a beautiful moonlight night being even more enjoyable than the two-hour run up.

The affair was exceedingly well managed and the Detroit Club is entitled to much credit for the way this, as well as all the other entertainment features, was handled.

CHICAGO TO DETROIT.

The noon Wabash train last Monday carried a jolly party of sixty-eight bound for Detroit. The party included quite a number from other western and northwestern cities. All were entertained at luncheon and dinner by the Chicago club and all enjoyed themselves heartily en route. Charley McKellar had his guitar along and he and Ed. Winterson and Walter Kreitling rendered a vocal program that woke the echoes and moved the sand dunes along the Michigan shore. The refrain "There'll be a hot time in Detroit to-night" was received with much applause. Edgar Sanders was as youthful as the youngest, and led a song with original lines appropriate to the occasion.

The party included the following: J. F. Wilcox and wife, J. J. Hess, Geo. Swoboda and wife, L. C. Chapin, J. Hedkinson, L. Henderson and P. Floth, Omaha; N. Zweifel, A. Klokner, C. B. Whitnall, W. A. Kennedy and H. V. Hunkel, Milwaukee; E. F. Lemke and wife and Aug. Swanson and wife, St. Paul; E. Nagel and Fred Busch, Minneapolis, Geo. M. Kellogg and wife

and Arthur Newell and wife, Kansas City; J. T. D. Fulmer and daughter and J. F. Marshall, Des Moines; J. T. Temple, Davenport; E. Haentze, Fond du Lac, Wis.; John Wunder, Winona, Minn.; Frank Berry, Stillwater, Minn.; Otto Sylvester, Oconomowoc, Wis.; J. C. Rarrison, Sioux City; J. A. Kramer, Cedar Rapids; Geo. Kranz, Muscatine; F. J. King and wife and daughter, Ottawa, Ill.

Of the Chicagoans there were W. N. Rudd, E. Wienhoeber, E. Buettner, Peter Reinberg, Edgar Sanders, E. Winterson, C. W. McKellar, P. J. Hauswirth, E. E. Pieser, J. S. Wilson, Jas. Hartshorne, Chas. Dickinson, J. C. Vaughan, M. Barker, C. Schweigert, J. V. Merrion, C. W. Erringer, E. C. Pruner, G. L. Grant and wife, P. Wieland, Albert Fuchs, Mrs. G. Gehrke, Walter Kreitling and wife, Miss Wieland, Annie McDonald.

There was a big reception committee to welcome the party on the arrival of the train at Detroit and a hearty handshake for everyone. The St. Louis delegation reached the city a few minutes later, and the two parties had a grand conference at the station.

more of them would be used if the supply could be relied on. It's easy for a grower to say that there was no sun, but the retailer cannot give that as an excuse why Madame shouldn't get flowers for her party. No, no, poor fellow, he must conjure up a thousand excuses which often only end in his losing his best customer. It's a funny business. The man who has a large, select trade has troubles enough sometimes on the sea of "supply and demand," and the man who has only a small, precarious business is often compelled to occupy a position similar to the one the minnow does to the shark. This, of course, only applies to specially rare stock, and yet we occasionally see a street fakir chasing around for orchids. Apropos of this, there is cause to reflect on the wisdom of spending such vast amounts of money on fitting up glittering establishments. We don't wish to hurt your ambition or pride in your having the "finest" store in town, etc., but then there are other sides to the question. Your work is no better in the new than it was in the old, and there are many wise and wealthy people who prefer the unostentatious. The poor and the general average may be attracted by brilliancy, but they cannot indulge in it in a manner that will support it.

We have often wondered why some florists do not have their stores tiled instead of plastered or painted. Such a store would be better for plants and flowers, and the hose could be used occasionally to advantage.

Referring back to orchids again, we recently used some *Cattleya Harrisoniana* to great advantage. It's a lovely little flower, specially fine for wear; more of it should be grown.

Summer Flowers.

Bouvardia Humboldtii corymbiflora is coming in and is one of the choicest white flowers; extra fine for cluster work or cut flowers and keeps well; should be more extensively grown. Some one was looking for forget-me-nots lately. There is a limited demand for this pretty little flower all the year 'round; it means worlds from a sentimental point of view, and it is very often important that we should get it. *Myosotis palustris* is the variety that will bloom all summer if planted in a cool, damp place. *Myosotis*, "Blue Perfection," is the best, however, and can be had at all times by successive sowings.

The yellow annual chrysanthemum is grown extensively in Europe for cutting purposes; it grows well here, too, and is very useful in early summer. We have such an abundance of fine yellow flowers to choose from in late summer and autumn that the color may be said to predominate on the American landscape.

Yellow is a good color for decorative purposes, and one need never hesitate in using lots of it, providing plenty of green is used with it.

A closer acquaintance with gladiolus will prove that they are pos-



Human Nature.

We hope you enjoyed the convention and that business and pleasure went well together. Human nature is a funny thing if you consider it, or investigate it in any way, for the purpose of recommending reforms. Happy are they who can trudge along in the narrow sun ray of self-satisfaction; yet even their success is attributable to some kind of improvement. Florists are always improving—yes, wonderfully so, and yet whilst we may recognize and admit the sense and justice of some plan, we fail to support it, because of temerity—our desire to remain in the shade whilst we pray for the sunshine. Make a note of what you consider was lacking at this convention, compare what was there to what in your opinion should have been there, and recommend the difference.

In the event of an exhibition of cut flowers and work at the next convention it would be wise to make note of

the materials that are available just at this time. It is unfortunate that the convention is held at a time when plants and flowers are at their worst. Still there is enough to show something interesting; and the critical should remember the conditions; the difficulties under which results are accomplished. We sincerely hope the retailers will make a creditable demonstration next year.

Orchids.

Fine flowers are exceedingly scarce at present. Orchids, both in variety and quantity, are not to be depended on; of course a few *Cattleyas* can be had, but you have to do a lot of maneuvering to get them; this makes many of us ignore them and recommend some less satisfactory flower, but which we are sure we can get. Orchid growers make a mistake in idolizing their products; nothing is too beautiful, and all that's bright must fade. Orchids will always be in demand in this country; a vast amount

sessed of much more beauty than is generally accredited them. On one place near New York there are 80 acres of them growing in over 500 named varieties; the sight they present is a gorgeous one, almost every tone in color is there; grand effects can be brought out by a judicious use of them. The white varieties are particularly good for funeral work. White cannas are good for this same class of work, and besides, they are new to the average run of people. Asters have been grown very extensively around New York this year. Many days the markets are glutted with them, and you can buy them for two cents a bunch of one dozen flowers. They have overshadowed sweet peas somewhat because they are a more showy and cheaper flower. The chrysanthemum flowered variety is in demand; it is the most beautiful and, strange to say, the least grown.

Hydrangea paniculata grandiflora is a God-send flower to many a poor florist, and every florist with any ground at all should grow some. It is just coming into bloom and will last till frost; should you get a rush of funeral work, remember you can get these flowers in abundance at very little cost from some nurseryman. Of course they are principally useful for "ground work," but that is all important most of the time. There is hardly anything sweeter than a simple vase or cluster of honeysuckles, and if you happen to have to put a small vase of flowers on any desk or table you cannot get anything more pleasing to the senses or imagination. It isn't always the big, glaring beauty that is best; we may often derive more benefit from the proper use of simple flowers.

A good big vase of *salvia* will look well in your window, providing no other colors are there. *Edelweiss* in small pots sells well among the people who hail from the lands it is native of. The little plant is often capable of stirring up tender memories. We have seen the Swiss and the German tenderly kiss its petals and offer big prices for a plant; try some if you are among such good people.

Economic Plants.

There is a possibility of a big trade being done soon in the way of economic plants, such as coffee, tea, cotton, etc. The several public parks and botanical gardens are doing much to popularize this class of plants, and there is no doubt but that many of them could be sold if presented in a suitable way. We often see many amusing and pathetic sights on the government transports coming from the recently acquired islands in the south. Enterprising individuals may be seen sizing up the value of some bundle of a palm brought from Porto Rico; then again some wounded hero can be found tenderly nursing some small plant from the jungles of Cuba. Whilst very little of the large quantity of plants thus brought to this country lives or is of value; still there is no denying the fact that there are

enormous possibilities in trade with these islands. From conversations we have had with intelligent officials of the different lines, and a study of the flora and climate of these places, we are convinced that palms, etc., can be raised out there and shipped here at a cost and in a condition that would revolutionize the present system of importing and growing. We are aware of the fact that stock requires to have color and be established. This can be obtained by a cheaper process than with the present expenditure of years of patience and small interest on capital. IVÉRA.

CHRYSANTHEMUM NOTES.

Buds.

The problem of "taking the buds" will soon be confronting the grower, and this is the most important part of the whole business, since on it depends the success or failure of the crop. A bud once taken and proving worthless can never be replaced. We believe in taking, as far as possible, the crown bud on nearly all varieties (except some pink ones) when it appears at the right time, that is to say, after the 20th of August. It is largely problematical whether buds taken before that date will develop. They nearly always get blasted by the scorching sun, with the exception of some very early ones. I have an early red one at the present time, with buds showing color, but I only look on early kinds with the same toleration the small boy is looked on as he heads the circus procession. They head the procession of the larger mid-season kinds. They are the early birds, but the worms they catch are not, as a rule, very large; though one good point about the early varieties is that they are soon gone, and the space can be used for other things.

Varieties differ radically and no man can lay down hard and fast rules regarding bud selection. Locality and season each have an important bearing on the subject. An expert on Long Island has told me that he cannot handle the crown bud at all, but in Jersey I have no trouble with it. The crown bud is taken a great deal more by the would-be exhibitor than the purely commercial grower, who depends largely on the terminal, because though smaller it is always safe to handle, and generally carries the foliage up to the flower much better. There have been columns written on the difference between the two buds, yet even today one often hears the terms used incorrectly. The crown bud is always distinguished by the fact that it has three or four growths springing up around it, which will develop into shoots and take away the strength, causing the bud to shrivel up if not removed at once. These shoots if left grow on and produce terminal buds, which consist merely of a central bud and a cluster of smaller buds all around it. This is, as its name implies, the terminus, or end of

the growth, and must be taken, as nothing else will appear.

Plants as usually grown, benched in June, generally throw three buds; the first crown which appears late in July or early in August; a second crown, end of August or first week in September, and the terminal, end of September or later. This will make clear why so many varieties are catalogued to use second crown. It comes at a good time and is nearly as safe as the terminal, and produces a much better flower. I know of very few varieties that will not do well on this second crown. Plants that are struck late produce only one type, the terminal. Plants that are intended for late work must always be taken on the terminal, because it will develop all right, no matter how cool you keep it short of actual frost, while the crown, if it runs below 45 degrees a few times, will come split up and deformed in several ways. Lack of heat, and consequent check, are responsible nine times out of ten for failure with the crown bud. A curious thing in connection with crowns is the fact that they hang in the bud a long time. I have often taken a terminal three weeks after a crown and had the terminal in full development a week ahead, but not such a flower, by any means.

At the present moment I can think of but one white that produces the best flower on the terminal bud and that is Robert G. Carey. In yellows I would not recommend *Modesto* on the crown, because, though it comes all right the flower is often too massive for the comparatively slender stem. *Golden Wedding*, too, comes better from the late bud. *Bonnaffon*, though generally taken on the terminal, comes just as well from the crown, and with considerably more depth and finish. Pinks are almost invariably of poor color on the crown bud. *Mrs. E. G. Hill* comes all right, so does *Lady Playfair*, but with all the others we prefer the late bud. All the red varieties will do on the crown, and I don't think they burn as badly as when taken on the terminal, the petals having more substance.

In conclusion, I would say, if your plants are grown very closely in the bench, go easy on taking crown buds, early crowns, anyhow, because they will run up and make a long, naked stem. When the plants have room enough this does not apply, as the bud will not get drawn up unnaturally. I have experimented with buds in nearly every month of the year with varying success, but when all is said and done the mum never looks so handsome as when it flowers at its natural time, with its accompaniments of autumn foliage, glorious cool, crisp weather, and general revival of the florists' business. BRIAN BORU.

SOMERVILLE, N. J.—J. H. Christie is building seven new houses for carnations and general stock.

CHICAGO.

Bowling.

The Omaha bowlers reached Chicago early enough to have a warm match with the Chicagoans before proceeding to the convention city. Three games were played at Anson's new alleys, and the great ex-captain of the Chicago ball team was there to personally greet each of the visitors. The home team put up a strong game and won the match by 430 pins, Chicago getting a total of 2,825, while Omaha rolled up 2,395. Chicago's grand average for each man was 157, which was not so bad, and John Degnan raised his record to 233.

Messrs. Wilcox and Chapin of the Omahas were, however, hardly in shape to do themselves justice, one having a thumb and the other a finger to nurse preparatory to the work at Detroit.

Following are the scores:

CHICAGO.

P. J. Hauswirth	151	137	117
Jno. Degnan	233	175	128
F. Stollery	153	158	179
G. Stollery	141	176	156
Ed. Winterson	156	163	190
W. Kreitling	149	110	162
Totals	974	919	932-2825

OMAHA.

J. F. Wilcox	155	162	161
L. C. Chapin	142	132	138
J. Hadkinson	117	150	153
L. Henderson	116	110	82
G. Swoboda	145	156	117
P. Floth	141	83	135
Totals	816	783	786-2395

At the practice games last Friday night some very fair scores were made. Messrs. Wilcox, of Council Bluffs, and Chapin, of Lincoln, Neb., were on hand and seemed to enjoy the advance brush with the Chicagoans. Following are the scores:

P. J. Hauswirth	143	156	200	163	Av.
E. Winterson	122	153	149	171	164
L. C. Chapin	155	118	178	131	156
Jno. Degnan	188	155	120	126	131
J. F. Wilcox	137	110	133	181	127
G. L. Grant	183	110	123	151	163
Jno. Zech	138	161	156	165	149
W. Kreitling	161	167	148	130	154
Chas. Balluff	113	140	169	110	131
Chas. Hunt	151	114	161	110	126

Various Items.

Poehlmann Bros.' place of business has had an overhauling and in its new dress looks refreshing. A little soap, water, paint and kalsomine judiciously applied work wonders.

All agree that Edgar Sanders was the youngest member of the Chicago-Detroit party.

A. Claus, of Springfield, Ill., is in the city on his way home from Mackinac Island, where he has been for the past few weeks.

Owing to illness Mr. E. C. Amling was unable to attend the convention as intended. He expects to report for duty some time during the week.

E. R. Tauch, formerly with C. T. Siebert, Pittsburg, Pa., is now foreman for Albert Fuchs, 2073 No. Halsted street.

The car occupied by the Chicago contingent was profusely decorated with flowers furnished by the various wholesale houses.

The Market.

There was no material change in the market up to Monday. The cool wave by that time had affected stocks of all sorts and the first shortage of the summer soon developed. This continues at present. Roses are really scarce; good ones at a premium and even inferior stock is eagerly sought for. Carnations much the same. Outdoor stock has felt the effect and has gone off clean each day at fair prices. Asters are plentiful and some really fine Simple strain are now coming in. They bring \$1.50 per 100. The market will in all probability remain firm for some time. There has been a large call for white flowers used principally for funeral work.

It is rumored that a change is about to be made in the firm of one of the largest growing concerns shipping to this market.

NEW YORK.

In the menagerie department of Central Park there is a little section fenced round with stone and wire netting; 'tis a dry, sandy spot, of much interest to visitors; the place is full of holes, and if one has the time and patience to linger long enough he will notice that small animals pop their heads out of these holes, bark, and immediately disappear again. A sign at one end of this cage tells you they are "prairie dogs." They are harmless little animals, and, my friend, don't mistake our motive when we compare them with some people. We are informed that a similar pet burrows itself in the office of our esteemed contemporary in New York and the editor calls it "Snooper"—what a pretty little name for such a pretty little thing. Well, recently it has barked about "Ivora," wanted to know if we were male or female, and took exception to our writing about "America" and "Liberty"—it's awfully funny how some things crawl into this country. Our friend O'Mara should not have thrashed the poor thing so badly for sneering at our Boston friends, and we thought John May had more sense than to bother with it. The poor creature! We would never have suggested depriving it of a chaperon had we suspected it wanted to go to Detroit. No, never! never!!! As to our identity, we refer it to the special editions of that paper and its manager, and, by the way, just a few others. There are many things seen, heard and read that excites our pity.

Convention Talk.

News of interest from New York this week centers on convention matters. We have sent a delegation any city in the world may well be proud of. Here's the list: J. N. May, Jas. Dean, Patrick O'Mara, David Mellis, Samuel

Henshaw, James Withers, A. T. De La Mare, John Lager, John G. Esler, Will Taplin, Louis Schmutz, Alf. Zeller, Alex. Wallace, Paul and Henry Daille-douze, William Plumb, William Krick, A. H. Langjhar, A. Wolmer, Robert Leach, E. Leuly, H. M. Krauss, J. Begbia, Alex. Burns, William Siebrecht and son, C. J. Marc, Arthur Boddington, Frank Traendly, C. W. Ward, O. Boehler, Mac Cutchison, Kretchmar Bros. and their wives.

This party left Jersey City at noon yesterday (the 14th) on a special car attached to the Black Diamond. They were a jolly crowd, confident of success in many ways, and there will be much disappointment at home if they don't get all they have gone for. As to bowling—well, teams have gone representing Flatbush and New York, and Mellis and O'Mara are responsible for results. 'Tis true many of the best men are left behind; still, they should remember where they come from. Charlie Weathered and several others have gone by different routes, and it is expected that the New York delegation at Detroit will number over fifty. It was amusing to notice the care taken of several packages marked "This side up," and Cleary and Prosser—ah, well, never mind; the escort did their duty.

Notes.

There was just a trio at the bowling alleys last night, merely to keep them warm; old scores were not tampered with.

Trade? What's that to New York just now; it's What will they do at Detroit? That's the burning question of the day.

In addition to wanting the convention here, we would like to have a New York president, just to make next year's affair thoroughly Manhattanestic. Give us a man conversant with the requirements of the occasion; a useful man, not a mere ornament.

City Gardeners' Outing.

The city gardeners of New York gave their first annual outing at Noll's park, 170th street and Boston road, Saturday afternoon and evening, August 12. Over 300 people attended and a most enjoyable time was given to all. It was like a big family party. There was dancing and bowling, singing and swinging, and an abundance of good feeling, and the promoters and committees deserve the greatest credit for it. Tickets were only one dollar. This admitted man, wife and family, and provided refreshments free. Prizes were offered for highest scores by ladies and gentlemen bowlers, the chances for which were sold at two tickets for 25 cents. This proved a great success and the society has an enlarged bank account as a result, which will be devoted to assisting members in distress.

The officers of the society are: Jas. Coyle, president; Frank Hamilton, vice-president; F. Wieck, treasurer;

A. Ketterer, corresponding secretary; H. Lundt, financial secretary. They have sixty-five members, and meet at 1536 Third avenue the second and fourth Tuesdays in the month. The entire membership consists of gardeners employed in the department of public parks. These men have accomplished a great deal of good toward elevating the craft and wresting the department from the whirlpools of politics. They have raised the standard of wages to \$65 a month, with no loss of time, and are now suing for a raise to \$75 per month, with every chance of success; there are only a handful of what are called "scabs" in the way of an unanimous voice in the matter. IVERA.

GLAZING.

[From the Florists' Manual, by William Scott.]

A most important part of greenhouse construction. Poor putty, if the glass is lapped and poorly laid, is a source of constant annoyance, waste of coal and injury to the plants. When the glass is butted, unless the house is well and truly built, it will be a botch and failure and will bring censure on this excellent method, which under most circumstances is the way to glaze a commercial house. Some critics may say if good for the commercial man why not for all glass structures? The lapped method is more expensive, but if well and properly laid is undoubtedly a good job, but the butted plan is quicker to lay, easier to repair, much less expensive, and if you ever want to alter or move your houses or wish to remove the glass you can do so with perfect ease. As to tightness for making a warm house both methods when thoroughly done will do that, with a preference toward the butted system.

Lapped or Puttied.

Where the modern iron frame houses are built the bar used is usually very light, but well supported by a number of purlins. On these houses the glass is usually lapped and there are only one or two points to observe. The putty should be of good quality and to it should be added one-fifth of white lead. The glass should be pressed down till the putty is spread out evenly and over the entire surface of the shoulder of the bar; this will save much labor when you take off the back putty, as there will be no holes to fill up.

In old style glazing you saw laps of all sizes from a sixteenth of an inch to one inch. The longer the lap the more place for dust and dirt to lodge with no means or chance to clean it out, so you have a dark strip across at the junction of every light. One-eighth of an inch is the ideal length of a lap for any size glass and it makes just as warm a house as a lap of two inches.

The best thing I have found to hold the glass down as well as to hold it from slipping down is the Van Reyper glazing point. It is a small double staple which has a shoulder in the top or end that both holds down the glass

and at the same time prevents its slipping.

Houses that are glazed with putty should have a coat of paint after the glass is in, regardless of how many coats the bars have had before they were put up. One-eighth an inch is usually allowed between the bars; this allows only one-sixteenth of an inch on each side between the glass and the wood.

Butted Glass.

The unfavorable reports and condemnation of this system are largely from two sources, mostly by men who never tried in the right way, or perhaps tried it on an old house that was formerly glazed with putty, and the other people whose houses were not built correct enough and made straight and true. Square cut glass will not fit crooked plate and bars.

In the first place you must use the cypress cap and bar that is especially made for the purpose and your bars must be put on true and parallel. One-sixteenth of an inch is all you want for play between bars. It should be just that and nothing more or less; this is very particular. Some carpenters mark out on the ridge and plate the place for the bars, others will cut a strip of hardwood, one to be used at ridge and one at plate. If the strip is one-sixteenth inch longer than width of glass and the bar is nailed up to the stick carefully every time, top and bottom, you can't go very far wrong; yet every ten bars or so you should prove by a rod that you are keeping the bar at top and bottom parallel. You can make up any discrepancy with putty. Putty, like charity, covers a multitude of sins. With butted glass you must be correct, and it is just as easy to be so.

Don't trust to any carpenter, however many houses he has built; prove for yourself that he is right. When the bar is nailed to the plate see that the face of the bar on which the glass rests and the slope of the plate are exactly flush. If the bar is a trifle below the plate it is difficult to remedy. If it is a trifle above it can easily be taken off with a chisel. The bar can always be straightened on the purlin when you lay the glass, or straightened by a straight-edge and fastened in place before you begin to lay the glass.

The glass should not be lapped on the plate more than half an inch; the less glass there is resting on the wood the less likelihood of breakage by ice. The glass should always without fail be laid with the rounding part up; all glass is more or less convex and concave. The thin edge of the glass (if there is a choice) should always lead up the bar. If you were to put the thick edge up and it butted against a thin one there would be a small space for the water to lodge. The man who lays the glass, if he has any brains at all, will be able to see these points at a glance and lay it about as quick as a boy can hand it to him. Remember that is all he has to do; there is no putty and no brads, no squeezing and

thumbing, no squinting and swearing, it is only to lay the glass in, and so you go on to the top.

In laying out the length of the bar we try to make it so that a certain number of lights just fill up from plate to ridge. If that is not convenient you can always make it so that a half light will finish at the top. When you know exactly what sized fraction of a light you need (if any) you will have them all cut ready; it is just as well to use the small piece at the bottom.

Before we lay any glass we drive in two wire six-penny nails, half an inch below edge of plate, but only drive them in a small depth, just enough to hold the lights while you are laying them. This can be done before you begin to glaze and by a man standing on the ground. When the whole run of glass is in and before you screw down the cap the man nearest the bottom, with the end of his chisel handle, gives the glass a good push up, closing up any space, however small, and then drives in his bottom nails. They should be driven close down to the glass or they will impede snow and ice slipping off. Now this effectually prevents the glass from slipping, and if the bottom light does not how can the others?

One inch round-headed screws are used to screw down the cap, the first screw two inches from the bottom and one exactly at every joint or butt. A boy can get these caps ready because you will have one cap as a pattern, and with a ratchet drill the caps can be ready with the screws already lightly tapped in, and when the two men laying the glass call for the cap up it goes and the men who have ratchet screw-drivers soon have the screws down in their place. Don't screw down too tightly, just firm and solid is enough. You will, of course, need one screw within an inch or so of the ridge.

Be sure to have the ventilators made the same way with cap and bar, and to take the same size glass. Have but one size glass on the place if possible, and as little cutting as possible. I do not like to disparage any device that is made and sent abroad in good faith by a fellow florist, but in justice to those who will follow my advice I must candidly say the zinc strips that are made to go between glass when butted are a miserable failure and a nuisance. You want nothing between them or under them; simply the cap.

Any size glass can be butted. We have it on 12, 14 and 16 inch square and always double thick. We prefer to use glass that is square, that is, 14x14 or 16x16. Then you have the choice of two edges, and if one is a little rough you can use the other. If glass is laid as described above it will save you many dollars. It is a smooth, fine roof, more air tight than lapped glass. The drip is nothing, absolutely nothing, if well and properly laid; if there should be a trifle it is always at the bottom, which in commercial houses would fall in the path. And if a little dust creeps in, and it will creep in

where water won't, it can be washed annually as clean as the day you put it up.

Fancy the luxury of painting such a house. Remove the glass, thoroughly paint and relay again. If you were visited by a hailstorm you have only to break out the shattered lights, shove up the sound, and before night you are whole.

Without considering these contingencies, it is the ideal way for a commercial man to build. I have ten houses glazed with butted glass. I had no one to tell me how, but I persevered, and when I had built five or six I had it down fine and have given you the mature fruits of my experience.

AMERICAN CARNATION SOCIETY.

An adjourned meeting of the above society was held in the convention hall at Detroit last Wednesday morning.

A list of subjects for essays for the meeting at Buffalo next February was selected.

It was decided to set aside a portion of the money donated to the society last February by Mr. Thos. W. Lawson to procure a die for a medal to be known as the Lawson medal. And that two of these gold medals be given at the next exhibition, one for 25 blooms of the best seedling not then disseminated, and one for 100 blooms of any variety already in commerce. A committee, consisting of Messrs. Wm. Nicholson, Peter Fisher and M. Patten, was instructed to select a design for the die, same to be submitted to Mr. Lawson for approval before being adopted by the society.

It was also decided to admit to the annual exhibitions floral products other than carnations.

ROSE PESTS.

By E. M. WOOD.

[Read before the Detroit Convention of the Society of American Florists.]

It is difficult for me to present to you much that is new, as technical schools and agricultural colleges have been and are doing so much in this line.

The study of entomology may be divided into two classes—systematic, the pure science, and economic, the applied or practical science. In presenting this paper, I shall deal with the practical side of entomology, using only such scientific terms as are necessary to a clear understanding of the subject.

All insects with which the florist has to battle belong to the various orders in the class known as Hexapoda. The Hexapoda are six-legged, air-breathing creatures, having a distinct head, thorax, and abdomen. They have one pair of antennae, three pairs of legs, and usually one or two pairs of wings. There are an immense number of species in this class, probably more than all species of animals and plants combined. Classification of insects is

based on the arrangement and structure of the mouth part, the character of the wings, the relation of the first thoracic segment to the rest of the segments and the degree of metamorphosis or change through which an insect passes in the complete cycle of its existence. Metamorphosis is of two kinds—complete and incomplete. Incomplete signifies that the young when hatched from the egg look like the parent, or in other words there is no difference in structure between the young and the adults. Complete means that the young do not resemble the parent; that is to say, there is a complete change in the appearance of the insect while passing from the young to the mature state.

Insects that undergo no change in appearance pass through an existence of three stages—egg, nymph or young, imago or adult. Those passing through a complete change exist in four stages—egg, larva or caterpillar or grub, pupa or chrysalis, imago or adult. The caterpillar or grub stage and the adult stage are, of course, the only ones in which the insect is capable of doing any damage.

In the practical application of insecticides, to be effectual we must know how insects feed. They may be divided into two general groups—chewing, and piercing and sucking. Chewing insects may be killed by applying arsenical compounds, either in dry or liquid form, directly to the foliage of the plants. But with piercing and sucking insects it will readily be seen that poisons applied to the foliage would have no effect, as this class eats only the sap of the plant; consequently we apply a liquid which will come directly in contact with the body and close up the breathing pores, or use some of the various methods of vaporizing. Having once learned how an insect feeds, we can then adopt the proper method for its destruction.

There are a large number of species which attack roses; but I shall discuss in this paper only the important ones, which, to the practical florist, are those whose destructiveness amount to dollars and cents. I have used the classification as given by Dr. Harris, and unless otherwise stated it will be so understood.

In the first order, Coleoptera or beetles, are two rose pests of importance—rose bug or rose chafer, and white grub or May beetle.

The rose chafer, incorrectly called bug, is a diurnal or day working insect. It is seven-twentieths of an inch long, its body is slender and entirely covered with very short and close ashen-yellow down; the thorax is long and narrow; the legs are slender and of a pale red color; the joints of the feet are tipped with black and are very long. These beetles come forth from the ground during the second week in June and remain from thirty to forty days. At the end of this time the males die. The females deposit about thirty eggs in the ground, when they return to the surface, and after linger-

ing a few days, die also. The eggs hatch out in twenty days, and by the following June appear as fully developed beetles. The grubs go down below the frost line during the winter, come up and pass through the pupa state in the spring. Thus a complete metamorphosis is effected in one year. The rose chafer has generally been considered destructive to out-door roses only, but of late years it has appeared in greenhouses. Their ravages may be partially checked by dusting with Paris green or hellebore.

The June beetle is of a chestnut-brown color, smooth, but covered with little impressed dots. Its average length is nine-tenths of an inch. In its perfect state it feeds on the leaves of the trees, particularly on those of the cherry tree. The grub is a white worm with a brownish head, and when fully grown is about as thick as the little finger. It is said that this grub takes three years to mature. When brought in the soil into the greenhouses it creates great havoc among the roses by eating the roots. When once established in rose beds, the only methods of destruction practiced with any degree of success are digging around the roots of the plants and removing the grubs, or sprinkling over the soil a thin coating of soot and lime. This, when watered, gives off ammonia, which destroys the grub. But with proper precaution this trouble need not be necessary, for, knowing that the various kinds of grubs go down deep in the soil in the winter to escape the frost, it is evident that the rose grower should obtain his soil late in the fall, after the grubs have gone down, or early in the spring, before they have come up. Should he neglect to do this, the only way he can get soil free from vermin is by sterilizing it with steam before planting. This will kill all animal life, including the much dreaded eel-worm, so common in some rose growing localities.

The order Hemiptera or true bugs contains the well known greenfly, or plant lice, and the rose leaf hopper, which is often mistaken for thrips. Concerning the greenfly, Theodore Wood says: "Perhaps of all the beings which we are accustomed to rank together under the title of Injurious Insects, there is none, save the locust itself, whose destructive powers are greater than those of the aphides, plant lice, or green blight, as they are indifferently termed, and none capable of causing more terrible and widespread damage to the crops upon which man so largely depends for a livelihood. There is scarcely a plant or a tree, whether wild or cultivated, which escapes their ravages—stem, leaves, fruit, and even the very roots themselves, being alike attacked and drained of their life juices by the insatiable little creatures, whose numbers compensate for their individual weakness and render them one of the direst pests to which civilized man is sub-

fect. It may seem a wildly exaggerated and unjustifiable statement if we say that, but for certain opposing agencies, the aphid would overrun the entire world; that it would leave scarcely a green leaf upon the earth, and would cause such terrible devastation that all terrestrial life would wholly disappear and the globe become one vast desert and utterly without living beings of any kind. Incredible as this may seem, however, such results are no more than must logically follow if the aphid could be allowed to remain perfectly unmolested during a period of but a single year." Reaumur estimated that one aphid may be the progenitor of almost six thousand million individuals during the few weeks over which her life extends. But it is unnecessary to dwell further on what the aphid might do if left unmolested. It is sufficient for the rose grower to know that, with tobacco in its various forms, he may at all times keep his plants free from the pest.

There are three natural enemies of plant lice which keep them from multiplying to excess—the larvae of the hemispherical beetles, familiarly known as lady birds or lady bugs; the larvae of the golden-eyed, lace-winged fly, the maggots or young of the various two-winged flies belonging to the genus *Syrphus*.

The rose leaf hopper is often mistaken for thrips. It lives upon the leaves of rose bushes, and is very injurious to them. In its perfect state it is rather less than three-twentieths of an inch long. Its body is yellowish-white, its wing-covers and wings are white and transparent, and its eyes, claws and piercer are brown. Their numerous cast skins may be seen adhering to the lower side of the leaves. Leaf-hoppers can be easily destroyed with *Pyrethrum* fumes or a commercial preparation called XL All.

In the order Hymenoptera, stingers and piercers, we find two rose pests—rose slugs and rose gall flies. The rose slug is transparent, jelly-like, greenish above and yellow below. It eats the upper surface of the leaves, leaving patches of the lower surface and the veins. These slugs usually feed by night and remain hidden on the lower surface of the leaves by day. When ready to pupate, they crawl down or drop to the ground and burrow beneath the surface; here each makes a little cell and then transforms. The adult fly is shining black, with smoky wings, and with the fore and middle legs grayish or dirty white. It is about one-fifth of an inch in length. There are two broods a year, one in June and one in August. The last brood passes the winter in the ground. Syringing ought to keep them off the bushes. If they should appear, they can be destroyed with a solution of whale oil soap or with kerosene emulsion.

The gall fly is of a brownish red or cinnamon color with four little longi-

tudinal grooves on the top of the thorax; the lower part of the antennae is red and the remainder black. The insect measures from one-eighth to three-sixteenths of an inch in length. Great numbers of these gall flies are bred in the irregular woody galls of the stems of rose bushes. There is no known remedy. As soon as the galls appear, the affected parts should be cut off. There is a natural enemy of the gall fly, a parasite, which does much to keep it in check. The parasites are flies which lay their eggs in the galls. The maggots which hatch out from the eggs eat the young of the gall flies.

The order Lepidoptera, moths, gives us one of the worst pests of all—the leaf roller. Leaf rollers are the young of small cinnamon brown colored moths. The wings expand to about an inch. The moths lay their eggs on the leaves and in the tips of the rose buds. The caterpillars which hatch out from these eggs eat the center out of the bud or roll up the leaves. After destroying the leaves they pass into the pupa state and finally emerge from this as moths. They do a great deal of damage during the spring and summer months, but there seems to be no satisfactory remedy for their complete destruction. By careful hand picking they may be kept in check. Should they become very troublesome Paris green or Hellebore should be dusted over the bushes.

The order called by Comstock, Phyllophaga contains the thrips. The members of this order have four wings; these are similar in form, long, narrow, membranous, not folded, but with few or no veins, and only rarely with cross veins; they are fringed with long hairs, and are laid horizontally along the back when at rest. The metamorphosis is incomplete. The mouth parts are probably used chiefly for sucking; they are intermediate in form between those of the sucking and those of the biting insects. They are so small that it would take a dozen or more placed end to end to measure an inch. They are extremely lively, leaping or taking flight with great agility. These little insects are generally considered one of the very worst pests that the rose grower has to contend with. They have been known to completely ruin a whole crop of roses. Their plan of destruction is to enter the bud and suck the sap from the base of the petals, thus causing the flower to come curled or crumpled and deformed. I understand that this pest is very troublesome in certain localities this season and is causing much damage to roses, especially American Beauties. To all those growers who have thus far been unable to cope successfully with this little enemy I can say that, in *Pyrethrum* and also a commercial preparation called XL All, they have remedies which will entirely rid their greenhouses of this pest. I shall

shortly give directions for the use of these preparations.

The red spider is not a true insect. According to Comstock it belongs to the order Acarina, mites, in the class Arachnida, spiders. Everybody knows the red spider. Plants can be kept free from this mite by careful and persistent syringing. If from any cause the pest should become troublesome the plants should be sprayed with whale oil soap. Sulphur on the heating pipes will also keep it in check. This, then, completes the list of the more important rose pests. We will now direct our attention to the means for annihilating them.

Paris green, the poison most generally used for chewing insects, is a combination of copper and arsenic, containing about fifty-five per cent arsenic. It is slightly soluble in water, but if a little lime is added the arsenic becomes practically insoluble. Applied at the rate of a quarter of an ounce to four gallons of water it will not injure the foliage. It may be applied dry, using one part, by weight, to one hundred parts plaster.

London purple, a by-product from aniline dyes, costs less than Paris green. It contains about the same per cent of arsenic but in a much more soluble form, thus rendering it more liable to burn the foliage. The percentage of arsenic varies so greatly in London purple that, although it costs less, it cannot be recommended in preference to Paris green.

White arsenic is soluble and burns the foliage. It should not be used on rose bushes.

Hellebore is made from the roots of a plant. It is less dangerous than the mineral poisons and kills both by contact and being eaten. It may be applied in liquid form at the rate of one ounce to three gallons of water, or dry, using one part to five parts plaster.

Pyrethrum is made from a plant of the genus *Pyrethrum*. There are three brands on the market—dalmatian powder, Persian insect powder and bubach. Persian insect powder is probably the best. It should always be obtained fresh, as it loses its destructive properties on being exposed to the air. This powder is an effective remedy for the destruction of leaf hoppers and thrips. The house to be treated should be closed tightly and the powder sprinkled on hot coals carried on a shovel. The fumes are harmless to the operator, but are death to the insects. To carry on the operation on a large scale it would be advisable to burn the powder on oil or alcohol heaters.

Kerosene emulsion is made as follows: Kerosene, two gallons; soap, one-half pound; water, two gallons. Heat the mixture of soap and water to boiling and add the kerosene. Churn the mixture with a force pump and spray nozzle five or ten minutes. Dilute to fifty gallons with cold water. Kerosene emulsion is very liable

to injure the foliage and should be used only with great caution.

Whale oil soap should be used at the rate of one-fourth pound to a gallon of water. Anything stronger than this will injure the foliage.

Tobacco.—The simplest way of using tobacco is to burn the dry stems, but this method is not much used in rose houses, as the smoke fades the flowers. Rose leaf extract is very satisfactory, but is inconvenient to use on a large scale. Steaming the stems is economical and effective for large houses.

Lime, wood ashes and soot help to keep down pests if incorporated with the soil before planting. In this connection I may mention that in 1884 I imported soot, being the first in this country to introduce it for greenhouse purposes. I have found a mixture of lime and soot the only effectual remedy for the destruction of Myriapods, commonly called "thousand legged worms." The lungs in these worms are situated on the under part of the body. The ammonia rising from the compound enters the lungs, causing the death of the worms.

Hydrocyanic acid gas gives promise of becoming a valuable insecticide, but has not yet been used with success in rose houses, as the gas injures the young shoots.

Bisulphide of carbon has been used successfully on red spider and green fly. It is liable to injure foliage, is a poison, is extremely inflammable, and so cannot be recommended.

The commercial preparation called XL All fumigating liquid, which I have referred to, is manufactured in England. When heated over a spirit lamp it gives off fumes which are sure death to aphides, mealy bugs, and every kind of thrips. This preparation is undoubtedly the best thing known at the present time for the destruction of all those pests, which for the much exploited hydrocyanic acid gas is recommended. Moreover, it accomplishes the desired end without the slightest injury to the most delicate plants. The cost is high, six dollars for sufficient liquid to fumigate 2,000 feet, or a modern rose house 22x100, but, taking results into consideration, I am not prepared to say that it is expensive.

Mr. Brydon recommended XL All preparation to me. He says it is sure death to the worst kind of thrips.

While the foregoing insecticides may not prove effectual in completely annihilating pests after they have become firmly established, still, if precaution is taken to use them in time, they will at least prove preventive.

COLLEGE POINT, N. Y. — Anton Schultheis has just returned from a three months' European tour.

GALESBURG, ILL.—I. L. Pillsbury is building a new house, 10x100 feet, for carnations and violets. Carnations in the field look very nice.

SHOOTING CONTEST.

Preceding the team contest there was a free-for-all and there were no less than twenty entries. Fifteen shots were allowed each one. F. H. Beard, of Detroit, won first place with fourteen hits. Geo. Anderson, John Burton, A. B. Cartledge, Chas. D. Ball, all of Philadelphia, and H. M. Altick, Dayton, Ohio, were tied, with twelve each. Five shots were allowed these to settle the tie and resulted in giving A. B. Cartledge second prize and C. D. Ball third. The first prize was a cleaning rod; second, a cigar case; third, a box of cigars.

Three teams entered for the Lockland Lumber Company's trophy, Pittsburg winning with a score of 103 out of a possible 150, twenty-five shots being allowed to each man. Following are the scores:

PHILADELPHIA.	
Wm. K. Harris	18
C. D. Ball	21
W. B. Westcott	15
Edw. Reid	15
Jno. Habermehl	10
A. B. Cartledge	18
Total	97
BUFFALO.	
F. Scott	10
J. Braik	17
Wm. Scott	13
W. B. Scott	14
W. F. Kasting	13
Jno. Smith	22
Total	89
PITTSBURG.	
P. S. Randolph	14
H. M. Altick	21
W. B. Asue	18
A. Brown	23
F. H. Beard	26
W. Weber	7
Total	103

Query.—Where were Geo. Anderson and John Burton during the team contest?

EXCURSION TO MT. CLEMENS.

One of the most enjoyable features of the convention at Detroit was the trip to Mt. Clemens Thursday afternoon on the invitation of the Messrs. Breitmeyer. Three large special trolley cars were provided and the twenty-mile run was made in an hour. There were between 150 and 200 people in the party, and on arrival they found that the hospitality of the Breitmeyer boys was of a quality to be expected from such generous, big-hearted men. All present united in saying they had never before enjoyed themselves so thoroughly on a similar occasion.

ST. LOUIS.

Monthly Meeting.

The regular monthly meeting of the Florists' Club was held Thursday afternoon, August 10. President Sanders, the other officers and sixteen members were in attendance.

The committee on transportation reported that about thirty would go to Detroit, and that we would go over

the Wabash railroad, leaving Monday morning at 9 a. m., arriving at Detroit at 8:10 p. m., and that the rate would be \$10.75 for the round trip.

Robt. W. Ayers sent in his resignation as a member of the club, being no longer connected with the florist business.

Election of officers was next in order. The only nominee for president, Mr. J. F. Ammann, was unanimously elected. For vice-president the nominees were Chas. J. Juengel and C. A. Kuehn, Mr. Kuehn was elected on the first ballot. E. Schray and J. J. Beuke, the nominees for secretary and treasurer, respectively, had no opposition and were elected unanimously. It took three ballots to elect three trustees. They are as follows: Dr. A. S. Halsted, C. C. Sanders and H. G. Ude.

After the election the secretary read his report, in which he stated that the club was in a healthy condition; that the average attendance during the past year was seventeen, and the total membership to date sixty-five. The next meeting of the club will be held September 14, at 3 p. m. Installation of officers will then take place and a good time is expected.

Various Notes.

The cut flower trade continues very dull and stock poor. Nearly all the florists are complaining that this is the dulllest summer in years. About the only talk going the rounds now is convention matters and those going to Detroit are glad to shake the dust and heat off for a week. By the time this issue of The Review is in the hands of our readers we will be enjoying the hospitality of our brethren at Detroit and be among the craft once again. Two of our old-timers will be among the missing this year. One is Julius Koenig, Sr., who died a few months ago, and the other is J. M. Jordan, who is still very sick and unable to attend.

Wm. P. Kyle, with Kennicott Bros. Co., Chicago, paid a visit to his old home last week.

J. F. Ammann, president-elect of the St. Louis Florists' Club, is reported very sick at his home in Edwardsville, Ill., and will not be able to attend the convention, but Vice-President Kuehn will be on hand to shake hands with his many friends at Detroit.

J. J. B.

THE LETTER B.

Under the letter B in the Florists' Manual, Mr. Scott treats fully the following important subjects, and the text is illustrated by fifteen handsome half-tone engravings:

- Balsam.
- Bay Trees (2 illus.).
- Bedding Plants (6 illus.).
- Begonia (2 illus.).
- Bellis.
- Bottom-Heat.
- Bougainvillea (illus.).
- Bouvardia.
- Bromeliads.
- Browallia.
- Bulbs (4 illus.).

Following are the first few pages of

THE FLORISTS' MANUAL.

(Copyright 1899.)

By WILLIAM SCOTT.

The book contains over 300 pages more in same style, handsomely bound. It is a whole library in itself and is a complete Reference Book for Commercial Florists.....

Price, **\$5.00**

Delivered.

PUBLISHED BY THE FLORISTS' PUBLISHING COMPANY, CAXTON BLDG., CHICAGO.

ABUTILON.

Greenhouse shrubs with drooping, bell-shaped flowers, ranging in color from pure white to crimson and purple, mostly erect in growth. A few of the species will endure a few degrees of frost, but they are best treated as cool greenhouse plants during our winters. The hybrids now both in beauty of leaf and flower far surpass the true species. They are largely used in sub-tropical flower gardening, growing very freely in our warm summers and are fine ornamental plants for the conservatory, and can either be grown as specimen plants in pots or trained to pillars or rafters. As a commercial plant, except for flower gardening, they are not of great value, being strong growers and occupying too much room for their value.

They are easiest propagated from the young tender growths. If desirable to increase your stock in the fall, September is the best month, keeping the sand very moist and not allowing the cuttings to wilt from the heat or sun. The plants lifted from the open ground perfectly in October and if cut back during the winter will give you lots of cuttings which root most easily in the ordinary propagating bed.

A. vexillarium is a drooping species and used largely in hanging baskets, veranda boxes and carpet bedding. For a drooping plant for a vase they should be propagated in September from the young shoots of plants growing outside. By spring these should be in 3-in. pots and are most useful for the purpose described.

Abutilons are troubled with few enemies. The hose will keep down mealy bug, and aphids seldom appear. Any soil that water passes freely through will grow abutilons, but much manure should be avoided, as most of the kinds are very free growers. The following varieties are fine decorative plants: *Savitzii*, green and white foliage; *Mrs. J. Laing*, strong grower, flowers bright rose; *Souvenir de Bonn*, variegated foliage, orange flowers; *Infanta Eulalie*, compact grower for pots, flowers pink; *Boule de Niede*,

pure white; *Thompsoni plena*, free blooming double orange.

ACACIA.

A very large genus of shrubs or trees. Those of most commercial value are from temperate regions. South Australia and New South Wales. Some of the species, *armata*, for instance, make neat, compact plants for pot culture, while *pubescens*, one of the most graceful of all, is splendidly adapted for training on a pillar or wall of a light, cool house. A temperature of 45 degrees in winter will suit the commercial species, but their flowering can be hastened several weeks by more heat and at all times an abundance of water. They are

most free flowering and the prevailing colors are lemon and yellow. In a temperature of 45 to 50 degrees most of the species flower from February to May. A good loam with a fourth of leaf-mould or in the absence of the latter, *Jadoo*, will grow any of the acacias, but the soil should always be in that condition from proper drainage that water passes freely through it.

They are propagated from the half ripened wood in May or June, that is, the shoots made the previous spring. Place the cuttings in pans of sand or leaf-mould and sand and place the pans in a cold-frame, which shade on hot days and keep close till growth begins. When rooted, pot off and grow

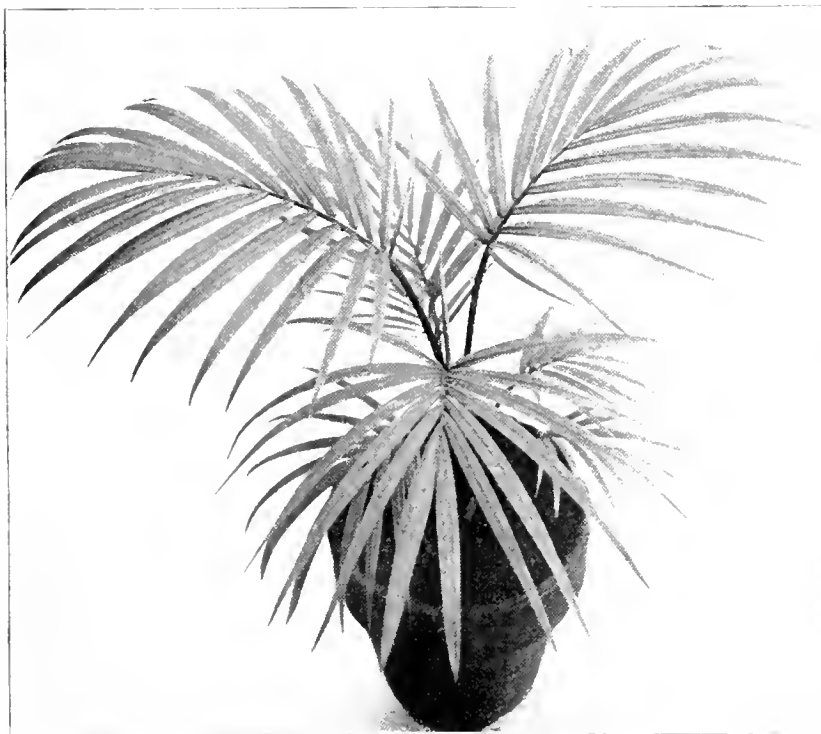


Acacia Pubescens.

on in a cold frame. During the following winter keep in a cool house and after danger of frost shift into larger pots and plunge outside, where they must be well supplied with water. They should be stopped as soon as they grow in the spring to induce a branching growth. Although their propagation is not difficult, it will be found by the majority of our florists more profitable to import those plants that are wanted for our spring sales, as the price of well grown, compact plants is very low and they endure the passage without the slightest injury. Any plants unsold after flowering

ACALYPHA.

A genus of tropical shrubs that are grown entirely for the attractiveness of the leaves excepting the very recent introduction, *A. Sanderi*, which has long, cylindrical, pendulous flowers and is very ornamental. The acalypha is grown largely in Europe as an ornamental stove plant, but with us its chief value is as a summer bedding plant for mixed borders or sub-tropical beds. As most all the species are from the tropical islands of the Pacific, their requirements can be judged accordingly.



Acanthophoenix Crinita.

should be cut back severely, shifted if needed, and plunged outside during summer. Few insects of any kind, attack the acacia; plenty of water at all times and syringing except when in flower is what they want.

A. pubescens is not adapted for pot culture, but is the most graceful of all the genus, and for cutting as sprays is most valuable. It should be planted out either as a standard or against a pillar or wall. The most valuable species for pot culture for the commercial florist is *armata*, small globular flowers which cover the whole plant; *dealbata*, strong grower with handsome yellow racemes; *Drummondii*, a fine compact plant with drooping, cylindrical lemon colored flowers. There are hundreds of species, most all worthy of a place in a conservatory, but the few species mentioned above are the best for commercial use.

The most economical way to produce plants for spring use is to lift a few old plants before any danger of frost. These could be used for decorating till January, then shorten back the shoots, and if the plants are in a strong heat they will soon give you a number of young growths, which root readily in the sand in a good bottom heat and by end of May, if kept warm, will be just what you want for planting out in spring. A well enriched loam is all they want.

There are half a dozen or more desirable species and varieties which give a variety of bronze, brown, green, red, orange and carmine, blotched and variegated, making them very ornamental for summer gardening.

ACANTHOPHOENIX.

A. crinita is a remarkably handsome warm house palm that has been in cultivation for the past thirty years,

but is still rather an uncommon species. It has much the habit of growth of an areca, the leaves being pinnate, the leaflets long and drooping, and the plant in general very graceful in appearance.

One of the characteristics that distinguish *acanthophoenix* from *areca* is very distinct in the species in question, namely, the fact that the former is abundantly supplied with long blackish spines all along the stems, while no true areca bears spines, and in addition to this the under side of the leaves of *A. crinita* is silvery white. The latter peculiarity doubtless accounted for an erroneous name under which this palm was once introduced, that is, *Calamus dealbata*.

Being a native of Seychelles, and probably of low moist land near the coast of that island, we find that this palm is best suited under stove culture, a night temperature of 70 degrees and plenty of water being among the chief essentials to its welfare, while a rather light and well drained soil seems to give the best results.

In common with palms in general that require warm treatment, there is the ever-present probability of finding some injurious insects on *acanthophoenix*, the most likely pests being scale and, unless well syringed, also red spider, but with proper attention these pests may be kept down, and so beautiful a palm is worthy of a little extra attention in the line of cleanliness.

Seeds are the only means of propagation for *A. crinita*, and as the seeds of this species sometimes take over two years to germinate, it is scarcely probable that this palm will become popular for trade purposes. W. H. T.

ACER JAPONICUM (JAPAN MAPLE.)

The Japan maples are now grown in pots for conservatory decoration, and many are sold and forced for Easter. They are largely imported, but can also be obtained from American nurseries. Being perfectly hardy they can be procured in the fall and stored away in a cold-pit till they are wanted to pot and force. Give them two months in the house from time of potting till they are wanted in full leaf. If forced rapidly they are more likely to wilt when exposed to cold wind or dryness.

While I have alluded to these in the article on "Trees and Shrubs" I will add here that they are most beautiful little ornamentals for the lawn, either in groups or singly. They proved during the last unusually long, cold winter to be entirely hardy, coming through the winter unhurt and without the slightest protection.

There are several varieties of *A. Japonicum*, the foliage shaded from yellow to blood red, and all are worth growing.

ACHILLEA.

This is a large genus of hardy perennials, many of them suitable for the



Vase of Achillea the Pearl.

border and many are very valuable for the rockwork, but of little use to the florist. The one most useful to the florist and deserving special notice is "The Pearl." This little plant will thrive in any soil, is absolutely hardy, and should be in every florist's garden. It flowers in July and August.

It is most useful as a cut flower, and we have found it of great service in design work when short of carnations.

The plants spread rapidly and every third or fourth year they should be lifted, divided, and replanted in more compact rows in the garden. This can be done in early spring and you will not lose the following summer's crop of flowers.

The plant is remarkably free flowering, it being just a mass of the small heads of white blooms, but what makes it of more than ordinary value is the good stem you can cut with the flowers.

ACHIMINES.

Hot-house herbaceous perennial tuberous-rooted plants that are held in high esteem in the gardens of Eu-

rope but seldom seen here. They are usually grown in pans from 6 to 12 inches across and 4 inches deep. They should have drainage and the compost should be a good light loam to which has been added a fourth of leaf-mould and rotted manure. They like neither a stagnant moisture nor a heavy soil.

Although not at all likely to become popular as a commercial plant they are by no means difficult to grow. The small soft roots should be planted in the pans about one inch apart in February or March, pressing the roots into the soil half an inch below the surface, and started growing in a temperature of 60 degrees. Later on, as spring advances, any house will do for them. Shade from the hottest suns. As they grow they like an abundance of water, and being subject to greenfly and red spider they must be lightly but regularly fumigated, and up to flowering time give them a daily syringing.

They are, however well grown, entirely useless unless each stem is tied to a small stake. They last a long time in flower. When flowering is

done gradually withhold water till the foliage is entirely gone, then store away under a warm, dry bench till the following spring. In starting them in the spring shake out of the old soil entirely. They are propagated by cuttings, pieces of the stem growing freely in the spring with bottom heat; also by seed, sown in early spring. The beginner had, however, better buy the roots from a seedsman.

Although not of commercial value the achimines is a splendid plant for a private greenhouse during the summer months. There is a score of species, nearly all from tropical America, and from these hundreds of hybrid varieties. And it is the hybrids that are cultivated.

ACHYRANTHES.

See Bedding Plants.

ACROPHYLLUM.

A small evergreen shrub that is valuable for the private conservatory, flowering freely during the spring months. It is at home in a cool greenhouse but must not be exposed to frost. In summer it can be plunged outside. They require shifting as they grow, which should be done before they flower in spring. They can be propagated from the half-ripened wood in May and June. Like most of the Australian plants they thrive in a good coarse loam. *A. venosum* is the only species, which bears dense spikes of pinkish white flowers.

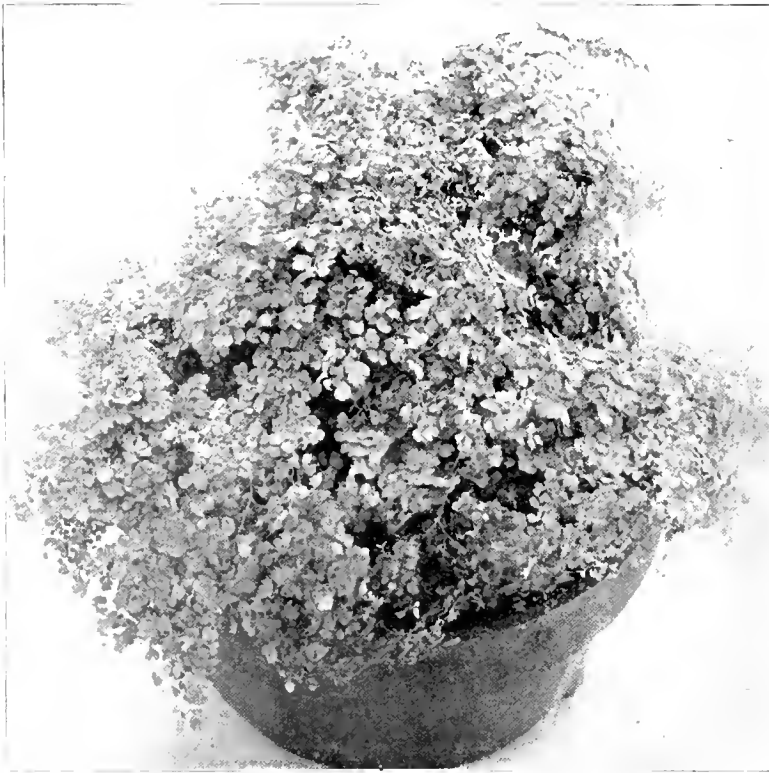
ADIANTUM.

For the most useful commercial adiantums see the article on Ferns, in which all the most important commercial ferns are treated collectively. The following adiantum notes are by Mr. W. H. Taplin:

A. LEGRANDI. The maidenhair family includes a wonderful variety in both size and form, and a collection embracing all the distinct forms grown into specimens would occupy a very large house.

A. Legrandi belongs to the dwarf section, the stipes or stems being usually but a few inches in length and the fronds very compact and closely clothed with small pinnae. In fact the growth in small plants is so close and overlapping that the foliage is quite subject to damping off unless the house in which it is grown is kept well ventilated.

Regarding the origin of this fern but little is known, and it seems probable that it is a seedling variation from *Adiantum Pecottii*, which it very much resembles, the chief distinction apparently being found in the longer leaf stems of *A. Legrandi*, while both varieties present the same dark green color of the foliage. As a trade fern *A. Legrandi* has not become prominent, and as a matter of fact it is less frequently seen in trade collections now than it was a few years ago, the demand in this line being confined to



Adiantum Legrandi.

ferns that are more sturdy and less brittle.

The culture of *A. Legrandi* presents no special difficulty, apart from the liability to damping that has already been alluded to, and by keeping the water off the foliage and giving free ventilation, the trouble from this cause may be reduced greatly.

In getting up specimens of these small growing adiantums for exhibition purposes, it is a good plan to group several young plants in a pan about 10 inches in diameter, and a shapely plant may thus be formed in a few months by treating them in the same manner as one would *A. cuneatum* for a similar purpose.

A. MACROPHYLLUM. This is one of the most distinct of the large family of maidenhair ferns, and as a matter of fact to many persons to whom the idea of a maidenhair fern is associated with the light and airy fronds of *A. cuneatum*, the rather stiff and heavy looking leaves of this species would seem to belong to an entirely different genus.

The large pinnated species of adiantum, among which we find *A. macrophyllum*, *A. peruvianum*, *A. Seemannii* and *A. Wilsonii*, form a very interesting group, and one which adds greatly to the beauty and variety of a collection of ferns. *Adiantum macrophyllum* is a moderate growing species, the fronds being erect, from one to two feet high, simple pinnate, and having stiff black stems.

bright pink in color, finally changing to deep green.

The pinnae of the fertile fronds are usually smaller, the spores being found in an almost continuous band around the margin. These spores germinate fairly well if carefully gathered and preserved, and the young plants thus secured are much better than those obtained from division of the old crowns, as they grow more freely and in better form.

No special difficulty is experienced in the culture of *A. macrophyllum*, the main features being a moderately light soil, good drainage, and the glass shaded throughout the greater portion of the year. In regard to temperature, the same may be given as to *A. Farleyense*, namely, from 65 to 70 degrees at night, and also like the latter variety it may be said that *A. macrophyllum* does not like a strong draught over the young foliage while unfolding, else it is likely to be crippled, though after the fronds of this species are fully hardened they will stand quite a good deal of exposure without injury.

A. macrophyllum is a native of the West Indies and tropical America, and has been in cultivation for a little more than a century, though yet uncommon in trade collections.

A. MUNDULUM. This is one of the many interesting and useful forms of *Adiantum cuneatum*, and is correctly termed *Adiantum cuneatum mundul-*



Adiantum Macrophyllum.

The pinnae of the barren fronds are very large, being frequently three to four inches long, by about two inches wide, and when first unfolding are

lum. The varietal name, which signifies neat, is well applied in this case, the plant being of dwarf and compact habit, and is better adapted for

small ferneries than as an exhibition plant.

The fronds of *A. c. mundulum* are shorter and rather stiffer than those of the parent form, not often more than nine or ten inches long, very dark green, and closely furnished with narrow, wedge-shaped pinnae. In general outline the fronds are deltoid, and when well matured they possess sufficient substance to be useful in cut flower work, where a small frond is required.

A. c. mundulum comes true from spores, and also germinates freely, the spores being produced abundantly on old plants, and it flourishes under the same treatment as *A. cuneatum*, thus being by no means difficult to manage.

Nicely grown plants in 3-inch pots are very short and bushy, and may be used to advantage where *A. cuneatum* proves too tall, and if the plants are not soft when used, will possibly last a little longer than the last named fern, under the same conditions.

A. c. mundulum is of garden origin, and although in cultivation since 1879, is not frequently met with in the trade, in fact, seems scarcer now than it was ten years ago, no doubt owing to the greater demand for ferns of more endurance than is found among the maiden-hairs in general.

A. TETRAPHYLLUM. Among the less common species of maidenhair ferns, *Adiantum tetraphyllum* is deserving of special mention, and some idea of its general outline may be had

from the illustration which accompanies this note. But, unfortunately, an ordinary photograph fails to show us the fine distinctions of coloring that present themselves in the living plant, and in consequence we are compelled to fall back upon cold type for our descriptions.

The plant in question has been found

in fern collections for many years past, and has produced an occasional variation in form from time to time, though it is not a notably prolific species, perhaps the best of these variations from the type being that known as *A. tetraphyllum gracile*, in which the pinnae are rather narrower than those of the original species and the



Adiantum Mundulum.

young fronds show a higher coloring than is found on the type.

A. tetraphyllum may be classed as a moderate grower, the fronds reaching a height of 12 to 15 inches, and are usually four times divided, or rather divided into four segments. While unfolding the young fronds are frequently bright pink, this color gradually fading as the frond develops, until the mature leaf becomes dark green.

This species prefers warm house treatment, is evergreen, and grows best in a rather loose and open compost. It requires plenty of water at the root, but during the winter especially should not be watered overhead frequently, or the fronds are liable to become rusty. Snails seem to have a special liking for the young foliage of *A. tetraphyllum*, and close watching is required to get the best of these pests.

A. WIEGANDII. A few years since a much greater variety of ferns seemed to be grown for florists' use than is now found among the large trade growers. It is evidently a case of the survival of the fittest, or rather of the species and varieties that may be produced in large quantities with a minimum expenditure of time and labor. *Adiantum Wiegandii* is one of those varieties that has almost disappeared within a few years, though it is not a particularly tender fern, or one that is difficult to reproduce.



Adiantum Tetraphyllum.

We mention it as a variety rather than a species, because it seems probable that this fern is a form of *Adiantum capillus-veneris*, or else a cross between that species and *A. cuneatum*, its origin being somewhat obscure. But be this as it may, the fern in question is a very attractive plant of dwarf and sturdy growth, the fronds being almost upright, having black stems and rather large pinnae that are inclined to be cristate.

A. Wiegandii is compact in habit and in a large plant reaches a height



Adiantum Wiegandii.

of 12 to 15 inches, and holds its foliage in good condition during the winter. This fern comes freely from spores, the latter being plentifully borne by plants a year old and upwards, and the seedlings soon become satisfactory plants in 3-inch pots if treated in the same manner as *A. cuneatum*, a night temperature of 60 degrees being a proper mark at which to carry these ferns.

But little trouble is experienced from "damping" of the foliage with *A. Wiegandii* during the winter, even when grown quite close together, the regular use of the hose having less effect upon this fern than is often found with adiantums of low and compact habit. Thoroughly matured fronds stand well when cut, and the small plants will last longer than those of *A. cuneatum* in a fern pan, providing they are not used in too soft a condition.

AECHMEA.

See Bromeliads.

AERIDES.

See Orchids.

AGAPANTHUS.

A genus of strong growing, handsome greenhouse plants which do well out of doors during summer, and when slightly protected will live through the winter where there is not more than 10 degrees of frost. In the

AGAVE.

This noble genus includes a great number of species, one of them at least being known to every one—the well known "Century Plant." All the species have one characteristic: when fully matured they send up a stately flower spike from the center of the crown of leaves and then die. This is the case with the great majority, although there are a few that continue to flower year after year. They are almost all from Mexico, a few from South America and one or two from our extreme southwestern states.

There is a widespread fallacy in connection with *Agave Americana*. It is popularly supposed that they live 100 years and then flower and die, hence the familiar name. They will not flower till they have made their full growth, but that may be 50 years or 75 years. We remember a pair of *A. Americana* that we had watched from infancy, one the plain green and one variegated. They were of immense weight, each weighing a ton or more with the large tub and soil. About 1856 they both flowered together and sent their candelabra-like spikes 25 feet in the air. It was a remarkable coincidence that both showed flower the same season as no one knew their ages and the one who had taken them as suckers from the parent plant was long gone from his field of labor.

Within 40 years there have been several distinct and beautiful species discovered in Mexico, some of which have not yet flowered and no knowledge of their flower is available. Most of the species are stemless, but not all, their fleshy leaves radiating symmetrically from near the base of the plant. Nicholson's Dictionary of Gardening enumerates nearly one hundred species and then states there are many more which it is not worth while to describe as there is only one specimen of each in cultivation. They vary in size from 18 inches in height and the same in width to the majestic species of 10 feet in diameter.

The smaller species make beautiful plants for the greenhouse or for outdoor decoration, and the large species are noble objects for the adornment of large grounds but get very heavy and awkward to handle when of any considerable size. Few plants will put up with the rough treatment that is often given the agave. Their thick, succulent leaves provide them with the means of resisting long periods of drought.

The same general treatment will suit all the species. A well drained pot or tub, with good turfy loam; add leaf-mould or sand if heavy. They will stand the strongest sun out of doors and should receive plenty of water. In winter, if you wish merely to store them for next season's growth they will do very well in any cool house or even shed, but must not freeze, and when the temperature is low they will do without water for weeks. They are easily propagated by suckers.

south of England *A. umbellatus* does well planted out of doors, with us it requires large pots or tubs and thrives in a well enriched coarse loam. In summer you cannot well over water them. In winter they can be stored under a bench in a cool house and will then require very little water. But be careful after so keeping them all winter not to expose them to a late spring frost or they will suffer and their beauty be marred for the whole summer. They grow very fast and can be rapidly multiplied by division.

The varieties are all from *A. umbellatus*, introduced into Europe from South Africa two centuries ago. Its erect stem and showy umbel of bright blue flowers is familiar to all. The best known varieties are *albidus*, pure white; *aureus*, leaves striped; *variegatus*, smaller but finely variegated leaves; and *maximus*, a blue of the largest size, as its name denotes.

which you have only to cut off and pot.

The rarer species are too expensive for the commercial florist and in too little demand, and the larger species require too much labor and room to be of any profit; they are best left in the hands of the private gardener.

AGERATUM.

Since the wane of the carpet bedding and the return of the popular flowering plants to flower garden favor the ageratum has been in constant demand. *A. Mexicanum* is the only species in which we are interested. By selection many improvements have been made, a more spreading and dwarf plant has been produced as well as a variation in color. It is well to try the new varieties as they are disseminated as they are very inexpensive and frequently great improvements on existing varieties.

I have found that when propagated by cuttings for a few years a variety will often lose its character and gradually revert back to the original type. If I were asked what was the easiest of all plants to propagate I would say that the ageratum was absolutely the one, and so it is. Nothing but the most willful neglect will cause a batch of cuttings to fail. New varieties are, of course, raised from seed, which can be sown in January and the seedlings will flower freely by the following June.

It is by cuttings that our varieties are perpetuated. Lift a few old plants and pot into 5 or 6-inch pots before frost. Keep them cool and light till after Christmas, when you can begin propagating. It is well, however, not to propagate too early as the plants get stunted when not shifted on and it does not by any means pay to have this cheap bedding plant in larger than 3-inch, or at most 4-inch pots. The cuttings root freely with or without bottom heat and the plants grow rapidly in a temperature of 50 degrees. Their only enemy is red spider, which must be kept down by frequent syringing and the weekly fumigation.

New varieties of both the blue and white are being constantly sent out. The dwarf, compact sorts are the most valuable. The variegated variety of *Mexicanum* is of little value.

ALLAMANDA.

Few plants bring back childhood's days more vividly than the showy allamanda. Though not a commercial florist's flower it hardly has a rival as a hot-house climber. The leaves are sharp-pointed, oblong, and come three or four in a whorl. The flowers are funnel shaped, 3 to 5 inches across and rich yellow. Allamandas are usually seen trained near the roof where they do well and add greatly to the beauty of the house. They are also grown as specimens trained to a balloon-shaped or flat wire frame 3 or 4 feet high. In a competition for a number of flowering stove and green-

house plants in any horticultural exhibition in Europe the allamanda would be sure to be one. The only use the florist could make of the flowers, rich and fine as they are, would be to take sprays of the vine covered with flowers for the decoration of mirrors or chandeliers. For an elaborate golden wedding they would be a glorious acquisition.

Plants covering a large roof space would need a tub, and I have seen them planted in the border at the end of the house. A turfy loam with a sixth of cow manure, adding a tenth of charcoal to the compost, suits them well. They are from Equatorial America, so you will know what they want in temperature. Most of the species flower in June and July, but *Schottii*, one of the finest, flowers in August and September. They are little troubled by insects of any kind, syringing and fumigating keeping them clean without any trouble. In the spring and summer they want lots of water; in the darker winter months much less. In our hot summers they require shade from the brightest sun, but only

or so of the last year's growth will root easily in our ordinary propagating benches where there is a little bottom heat, making each cutting with two or three eyes. Remember they are from the tropics and should not be exposed to a lower temperature than 60 degrees at any time of the year.

Of the several species and hybrids the following can be selected as the best: *A. Chelsonii*, yellow, large, flowers in July; *A. grandiflora*, pale yellow, large, flowers in June; *A. nobilis*, bright yellow, large, flowers in July; *A. Schottii*, yellow, throat striped with brown, very free bloomer, the best known and best for all purposes.

ALOCASIA.

These beautiful stove plants are grown entirely for the beauty of their leaves. They delight in our hot summers under glass and must not be allowed to go below 60 degrees in the winter months. They require shade in the bright days of spring and summer, and where the house is heavily shaded they will be greatly benefited



Alocasia Metallica.

enough to keep them from burning. They like the light, which they get in abundance when trained to the roof. In the late winter months, before they begin to grow, they should be pruned back as we do our hot-house grape vines, cutting back the previous year's growth to two or three eyes. If you wish to propagate them the last foot

by a little fire heat at night. In shaded houses during rainy weather and cold nights, even in summer, there is a dampness and stagnation that is very uncongenial to most plants, and exotics in particular should have a little fire heat.

The compost in which they delight is one-third fibrous peat or Jadoo, one-

third turfy loam in coarse lumps and one-third chopped sphagnum, to which add some charcoal. Although the roots delight in moisture it must not be stagnant around them, and the pots should be filled within a few inches of the rim with broken crocks. Keep the roots and the potting material well above the edge of the pot and cover the surface of the compost with live sphagnum, in which the young roots thrive. They must be given an abundance of water in summer, but much less in winter. It is not only the water they receive on the surface that benefits them, but they require a humid, warm atmosphere.

The best time to increase your stock of aloccasias is in the spring by dividing the stems or rhizomes, which when first taken off and started should have a close, moist and warm temperature and be away from all draughts of air. A Wardian case on the greenhouse bench with some bottom heat is the ideal place.

The leaves are large, from one to two feet in length. All are beautiful, varying in coloring and markings from the well known *A. metallica* or *cuprea*, a dark metallic bronze, to *A. longiloba*, green with silvery markings. Among the best species and hybrids are those above mentioned and *A. hybrida*, *A. Jenningsii*, *A. Johnstonii*, *A. Sedenii*, *A. Tibautiana*, *A. variegata*, and many others, all beautiful plants for the private collection.

ALOYSIA CITRIODORA.

This universally liked plant is commercially known the world over as Lemon Verbena. It is classed as a deciduous shrub and is the sole representative of the genus. Where hardy I doubt whether it is quite deciduous. It makes a fine plant when planted against the wall or pillar in the greenhouse, but it is as a sweet scented plant for our gardens that we most prize it, and every mixed border, and every garden large or small has one or more. The florist finds this a most useful plant for cutting in the summer time, for what can be more welcome in a bunch of flowers than a few sprays of the sweet Lemon Verbena.

Don't sell out clean in the spring. Save a dozen plants and shift them on, plunging them outside in pots in summer. At the approach of frost bring them in and stand them under your lightest and coolest bench and give them only water enough to keep the wood from shrivelling. In early February we shake them out, shorten back the unripened and weak wood and start them going again in fresh soil and pots, with us a 4-inch. Placed in a temperature of 55 degrees, in a few weeks they are covered with young growths which are just the thing for cuttings. They root easily but not nearly so surely as many of the soft-wooded plants. I prefer the sand to be a little warmer than the house. Keep the sand well soaked, twice a day is not too often, and never let the cuttings wilt from the sun or dryness.

In April we shift them from a 2-inch to a 3-inch pot and plunge in a mild hot-bed, where by the middle of May, with one pinching, they will have made fine, bushy plants. They want lots of syringing to prevent red spider, and if the proper fumigation is regularly given they will not be troubled with fly. A florist should always be supplied with them for they are usually difficult to procure when wanted.

ALTERNANTHERA.

It seems as though it would have been almost impossible to carry out the wonderful designs in carpet bedding had we not had these little plants to serve us. Carpet bedding came into its greatest popularity shortly after the introduction of the alternanthera, some 30 years ago. It may be that their great fitness for that style of bedding helped to make it popular. Certain it is that alternantheras owe their popularity to carpet bedding. Nothing troubles the alternanthera but cold weather. They are all tropical plants, growing freely in our warm summer months but only just existing in the greenhouse during winter in a temperature of 60 degrees.

They are propagated by divisions or cuttings. In the former method the plants are lifted from the beds after the first slight frost, and after their tops are shortened and trimmed up they are stored away in a few inches of soil in flats. After the first good watering they are best kept rather dry till the following April, when they can be torn to pieces and either potted singly or again planted in flats and started growing in a warm, light house, or what is better, a hot-bed. Where very large quantities are needed the old plants are generally depended upon. Where only a few thousand are needed I prefer the cuttings.

Prepare some flats two inches deep and any convenient size, in which have one inch of light soil and one inch or sand. About the middle of August take off the cuttings from the plants outside and put them thickly in the sand. In a few days in the greenhouse they will be rooted and can be kept on any bench or stood out of doors till cold weather arrives. In the flats they will winter well and are little trouble. Keep them rather dry during the dark days and away from cold and damp. When potted off in April and placed in a hot-bed they make splendid little plants by bedding out time. They root and thrive like the proverbial "weed" if kept warm.

There is no trouble in wintering any of them except the one that is the most valuable, which is known in many places as *A. paronychioides major*, but which I feel sure is *A. paronychioides magnifica*, which is much the highest colored of all. In elaborate bedding room is found for most of the cultivated varieties. If you cannot give them a temperature of 60 degrees during winter the next best thing is to give the flats a light, dry position and

be sparing of water till the warm days of spring arrive.

The most useful are *A. paronychioides magnifica*, almost scarlet when well colored, but not such a robust grower as the others; *A. versicolor*, bright rosy pink and bronze green; *A. spatulata*, reddish pink and brown shaded with bronze and green; *A. amabilis*, rose color and orange; *A. amoena*, orange red and purple; *A. tricolor*, dark green edge, center of leaf rose striped with purple veins and orange; *A. paronychioides aurea nana*, the best of the yellow or golden leaved sorts.

In very warm rainy seasons they grow so fast that the beautiful markings of the leaves do not show at their best. They should never be planted in a very rich soil. Their great adaptability for bedding is because they can be sheared to any sharp line and can be kept very dwarf.

AMARANTHUS.

Strong growing tropical annuals having feathery spikes of flowers and highly colored leaves. They are very suitable for the mixed border or for large sub-tropical beds. It is on account of the showy markings of the leaves that they are mostly grown. They should not be planted out till settled warm weather, with us the 1st of June, but they grow very luxuriantly in the warm months. They require deep, rich soil to obtain the best results.

Sow the seed the latter part of March in pans in a warm house and transplant when large enough to handle into flats, placing them two or three inches apart. The moist heat of a hot-bed suits them finely. If extra good plants are required they can be shifted from the flats singly into 3-inch pots, and nowhere will they do so well as in a hot-bed.

A few of the handsomest are: bicolor, foliage green and yellow; hypochondriacus, large spikes of crimson flowers; salicifolius, narrow drooping leaves, orange, carmine and bronze; sanguineus, blood red leaves; tricolor, a very handsome species with carmine and yellow leaves.

AMARYLLIS.

The Belladonna Lily is the true amaryllis and the fine plants generally known as amaryllis are really hippeastrums. Several other genera are closely allied and as their cultivation is the same the cultural directions here given will include hippeastrum, crinum and vallota. They are bulbous but not herbaceous although resting partially during winter.

They seed freely and if sown at once and the young plants grown on in a warm house and rested slightly during the winter, will flower the third year. They can also be increased by the offsets from the old bulbs.

If you obtain the dormant bulbs start them in a little bottom heat, keeping the bulb near the surface of the soil. They flower when making

ROCHESTER, N. Y.

A day is too brief a time for a visit to the "Flower City." Rochester; one of the quartette of beautiful inland cities that cannot be equaled in any land on earth.

I found the florists busy with funeral work, whenever I had opportunity of calling. I didn't find much convention enthusiasm in Rochester. This is so unlike their brethren, the nurserymen here, who came by the dozen and score to Chicago in June at their yearly convention.

But this is the center of the nursery business in this country. Ellwanger & Barry are pioneers, and their name is known from the Atlantic to the Pacific. Chase Bros. Co. thirty years ago came from Maine, to inaugurate the system of selling by agents, and today stand at the head of the procession. Between themselves and their branches nearly 2,000 salesmen find employment, and their trees are growing in every state in the Union. One of the brothers, Ethan, has removed to California, where he is the owner of a large orange nursery and fruit farm, and where he grows "roses on their own roots," summer and winter, at Riverside, "the most glorious climate on the footstool," as he joyously proclaims it. Lewis Chase, the senior member of the firm—young at 70—is rusticated at Squirrel Island, in the Atlantic, not far from Portland.

W. C. Barry, who was lately elected president of the American Rose Society, is young and vigorous, and is president of pretty nearly everything horticultural in the state and an enthusiast in his work.

Brown Bros. Co. are another young and ambitious house in the nursery line, with offices in Canada and this city. They have a very complete packing shed, a 10-acre lawn filled with every variety of tree and shrub, and a \$10,000 office, in which their immense agency business is conducted, the most complete arrangement of its kind in America. Brown Bros. Co. are concentrating all their American business in Rochester and have lately closed their Chicago office.

You can have no idea of the number of nursery firms in Rochester without looking in your florists' directory. That will "open your eyes." There are dozens of them who employ salesmen. Some of them send boxes of nursery stock far beyond the Rockies. The spring and fall delivery seasons are busy times with these national benefactors, and the monuments they raise all over this fertile land are standing long after they meander to the land of perpetual flowers and fruitage.

They are a happy people these nurserymen now, for the "seven lean years" are past; nursery stock of all kinds has doubled in value, the demand for it is universal—the very elements last winter took a hand in it and froze enough fruit stock to feed a nation; so these children of nature are wearing broad smiles and new clothes and a general air of prosperity that is comforting to see.

5,000 Begonia Rex and 5,000 Primroses, EXTRA FINE.

POT PLANTS.

Begonia Rex, assorted, 2 1/4-inch	\$1.00 per 100	English Ivy, 2 to 3 feet	\$5.00 per 100
" named	6.00 "	Manettia bicolor, 3-in.	6.00 "
Begonia Tuberous, 2 1/4-inch	5.00 "		
Lemon Verbena, 2 1/4-inch	3.00 "	GERANIUMS — 2 1/4-in. Sweet Scented	
Impatiens Sultana, 2 1/4-inch	3.00 "	Mrs. Pollock, Pansy	4.00 "
Primrose, Chinese, 2 1/4-in. Extra Fine		Mrs. Parker	6.00 "
strain	3.00 "		

ROOTED CUTTINGS.

GERANIUMS — Assorted	\$1.50 per 100	Abutilon Var. Trailing	\$2.00 per 100
Mixed	1.25 "	Begonia Rex	2.00 "
Mars, Happy Thought	3.00 "	" Incarnata Gigantea	2.00 "
Mrs. Pollock	2.00 "	" Flowering	2.00 "
Mrs. Parker	4.00 "	Impatiens Sultana	2.00 "
Silver Leaf, Rose Scented, Ivy	1.50 "	Manettia bicolor	2.00 "
Mme. Salleron	1.25 "	Lemon Verbena	1.50 "
Freak of Nature	4.00 "		

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Mention The Review when you write.

Burpee's Seeds Grow

Especially interesting to me is all this, for I lived in this very city and was in this business ten of the happiest years of my life. "No friends like the old friends," no reminiscences sweeter than those which involve the memory of "enough and to spare," and the inspiration of business confidence. How I would like to preach a short sermon on the text, "Let well enough alone." But what good are sermons to most of us! We have all to learn by personal journeying through the thorny path of experience, and may be, after all, it is best we should.

But to return to the florists, those artificers in the beautiful, I found Salter Bros. rejuvenating their handsome store on East avenue and getting ready for a vigorous fall campaign.

Mr. Keller, Sr., is away with his brother from Bay Ridge in the Catskills renewing his youth. The sons have doubled the size of their store on Clinton street and fitted it up artistically.

Wilson has a whole store to himself now on East Main street, and it is none too large for his business, while Messrs. Schlegel & Sons grow nearly everything floricultural and look after the interests of the "suburbans" on South avenue, as usual.

Mr. Ogstrom, successor to your old friend George Savage, is much pleased with his new duties and environments and takes especial pride in his orchids and "Victoria Regia."

Strange to say, Rochester has no distinctive florists' howling club, and its florists get most of their recreation fishing or down by the lake in summer.

Salter Bros. are progressive in their devotion to new things and will dabble in the new rose Liberty, as will most of the growers I have met from Boston to Denver. AUSTIN.

ZIRNGIEBEL GIANT PANSIES.

Market and fancy strains. Unequaled as yet for size and brilliancy of colors, and the most popular strains to date. New colors added every season.

NEW CROP SEED READY NOW. Trade Packages of either strain at One Dollar each.

Full directions with every package how to sow and cultivate.

DENY'S ZIRNGIEBEL, NEEDHAM, Mass.

Mention The Review when you write.

Pansies WORTH RAISING....

Excellent Seed, 3-16-oz. \$1.00; 1-oz. \$1.00. Cash with order.

G. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.

Mention the Review when you write.



Greenhouse Material

Of Clear Louisiana Cypress and California Red Cedar

BEST GRADES. PERFECT WORKMANSHIP.

A. DIETSCH & CO.,

615 to 621 Sheffield Ave., CHICAGO, ILL.

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SEND IN YOUR ORDER NOW for a copy of the FLORISTS' MANUAL.



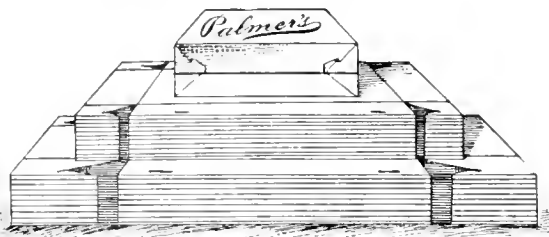
"STAR" CUT FLOWER BOXES

Have a Reputation for Superiority.

THEY EXCEL IN EVERY POINT.

THREE CERTIFICATES OF MERIT,
THE HIGHEST AWARD OF THE.....
SOCIETY OF AMERICAN FLORISTS.

SEND FOR
PRICE LIST.



EDWARDS & DOCKER,
MANUFACTURERS.

16 AND 18 N. 5TH ST. AND
501 COMMERCE ST. PHILADELPHIA, U. S. A.

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ESTABLISHED 1802

THORBURN'S SEEDS

JUST ARRIVED - FRESH SEEDS
OF

Kentia Belmoreana.
\$4.00 per 1000 Seeds.

Kentia Forsteriana.
\$4.00 per 1000 Seeds.
While Unsold.

J.M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention the Review when you write.

EVERY FLORIST OUGHT TO
INSURE HIS GLASS AGAINST
HAIL
FOR PARTICULARS ADDRESS
JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

30,000 SMILAX, from 2-in. pots, fine strong plants, \$1.50 per 100; \$13.00 per 1000. Hydrangea Otaksa from 4-in. pots, \$8.00 per 100. Cash with order.

FRED BDERNER, Cape May City, N. J.

Mention The Review when you write.

WESTERN HEADQUARTERS FOR..... FLORISTS' SUPPLIES, PALMS, FERNS, WIRE WORK, CUT FLOWERS, Etc.

Use MASTICA for Building and Repairing your Greenhouses.

Write for samples and prices of our

Improved Folding Cut Flower Box.

ELLIS & POLLWORTH, - MILWAUKEE, WIS.

Mention The Review when you write.

Auction Sale, August 30th, of 60,000 DECIDUOUS TREES, 75,000 EVERGREENS, also Shrubbery and Vines.

This is a clearing out sale of fine, young, vigorous stock. Nothing reserved.
Ground must be cleared regardless of price.

Sale takes place at 10:30 A. M., rain or shine. Send for list.

C. RIBSAM & SON, TRENTON, N. J.

Mention The Review when you write.

We are now gathering our new

Sphagnum Moss

for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.

Z. K. JEWETT & CO., - SPARTA, WIS.

Mention The Review when you write.

GOLD FISH and AQUARIUM SUPPLIES.

Send for
Price List.

**KEENAN'S
SEED
STORE.**

6112 and 6114
Wentworth Avenue,

CHICAGO

Mention The Review when you write.

PHILADELPHIA.

The Cricket Match.

A very interesting cricket match was played at the Stoke Pogis farm, Wednesday afternoon, August 9, between the employes of Stoke Pogis nursery and the Philadelphia Florists' Club, resulting in a well earned victory for the visitors. McFarlane and Dodds were very destructive with the ball, Gobel's underhand twisters secured several wickets. Thatcher's wicket keeping was simply grand, only allowing 4 byes. Watson and Kift brought off fine catches. For the home team Gardner and Rands did best with the ball; while Hushen, Rands and Peacock came off well with batting honors. After the match was over an ample repast was served on the ground, through the kindness of Mr. and Mrs. John Gardner, everyone enjoying themselves. The return match is to be played in September, at Chestnut Hill. The score is as follows:

Table with columns for FLORISTS and STOKE POGIS, listing names and scores for various players like McFarlane, Gardner, Campbell, etc.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR SALE - A bargain, if taken at once. \$150.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

FOR SALE - Second-hand Devine hot water boiler, 9 feet long, 23 flues; will sell cheap for cash. Address A. Pedersen, Oak Park, Ill.

WANTED - Assistant foreman, must be good, rapid propagator, capable of taking charge of plant department. Address Crabb & Hunter, Grand Rapids, Mich.

WANTED - Position as foreman by a good all-round florist, 6 years foreman in present place. Address A. C., care of Florists' Review.

WANTED - To rent, a few small greenhouses, must be on the North Side, Chicago. Address 20, care of Florists' Review.

FOR SALE - Lease of 5,000 feet of commercial glass and stock for same. Good condition. Chicago suburb.

Apply to 40, care of Florists' Review.

Mention the Review when you write.

WANTED. 500 Old Kaiserin Plants. Give price. ART FLORAL CO., 3007 Cottage Grove Avenue, CHICAGO.

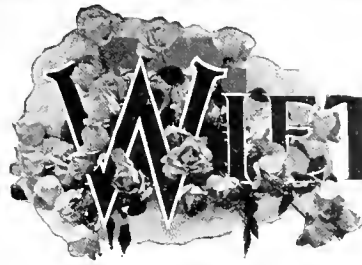
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Always Mention the....

Florists' Review

When Writing Advertisers.

REGULAR SHIPPING ORDERS RECEIVE SPECIAL ATTENTION.



Wholesale Growers of CUT FLOWERS, 51 Wabash Ave. CHICAGO.

WHOLESALE PRICE LIST.

Table listing flower varieties like American Beauty, Meteor, Bridesmaid, etc. with prices per dozen or per 100.

We close at 5:30 p. m. during July and August.

Mention The Review when you write.

WE HAVE LEFT THE FOLLOWING

Choice Rose Plants

THAT ARE AS NICE AS CAN BE GROWN IN EVERY WAY, which we are anxious to sell at a very low price to make room.

We guarantee them first class in every respect.

Table listing rose plants like Beauties, Bridesmaids, etc. with prices per 1000 or per 500.

Shipments to be made from our Greenhouses at Hinsdale, Illinois.

Bassett & Washburn, 78 Wabash Ave. Chicago.

Mention The Review when you write.

1899 CONTRACTS 1899

Now I am open to quote prices on all Bulbs, Plants and Roots for next season. Send in your list of wants for quotations.

F. W. O. SCHMITZ, JERSEY CITY, N. J.

Mention The Review when you write.

If short of stock and want to buy, The best is none to good for you; Our stock THE BEST, our price NOT HIGH, Our list will show what we can do In Carnations, Violets, Smilax, Asparagus.

Write at once and secure good stock.

RONEY BROS. FLORESTA, West Grove, Pa.

Mention The Review when you write.

Wanted to Exchange

a fine lot of Hume's Paeonies, a very large pink, for some good White Paeony, or WILL SELL CHEAP for cash. Write us for further particulars.

WILLIAMS & SONS CO., BATAVIA, ILL.

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PANSY SEED. If you want the finest large and

fragrant Pansy flowers try WOODBURY'S noted seeds. Seven pkts. (700 seeds) fine assorted, 50c. Finest German and Giant flowers, French strains, blended or either separate, 2000 seeds, 50c; 1/2 oz., \$1.00; oz., \$4.00. List free.

DAVID B. WOODBURY, PANSY SPECIALIST. SOUTH PARIS, MAINE.

Mention The Review when you write.

WANTED.

Several thousand Paeony Clumps from the field.

Write, stating varieties and price.

American Rose Co., Washington, D.C.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

INDIANAPOLIS.

Club Picnic.

The weather has been extremely warm, consequently there is no business but plenty of work, as we have had some good rains and that means get after your carnations and mums.

The annual outing of the florists was held at Broad Ripple, July 19, and all had a good time. In the afternoon we were entertained by Prof. Meyers and his children, who are expert swimmers, and by Mr. O'Pflum, who gave us a short talk on "temperance." Mr. Walter Coles, of Kokomo, also made a speech, in which he invited the Indianapolis florists to visit him in the near future.

Notes.

The regular meeting of the State Florists' Association was held at Garfield park, Tuesday evening, August 1. Mr. Langstaff presided in the absence of the president. Not much business was transacted at the meeting, as it was what the boys called papa night, there being three papas in July, and they, of course, came to time with the proper article. After the meeting there was an inspection of cannas, for which Garfield park is becoming noted. Mrs. R. A. McKeand, described in my last notes, is looking fine. E. A. Parker, a new seedling, caught everyone's eye. It is old gold in color, with a light border, and a good, stocky grower.

The latest account now is that there will be about ten or twelve Indianapolis florists attend the convention in Detroit. Please take good care of the Hoosiers.

FRED.

CATALOGUES RECEIVED.

Ellis & Pollworth, Milwaukee, Wis., wholesale price list of palms and ferns; C. A. Kuehn, St. Louis, Mo., Walker's Excelsior plant food; The Chadborn & Harris Company, Newburgh, N. Y., the Chadborn automatic ventilator; Jennings Bros., Olney, Philadelphia, Pa. (J. C. Moninger Co., Chicago, western agents), the Jennings greenhouse fittings; John Peedson, West Norwood, London, England, bulb catalogue; Richmond Stove Company, Norwich, Conn., Richmond sectional boilers and Richmond heaters; David B. Woodbury, South Paris, Me., trade list of pansy seeds.

NEW CASTLE, PA.—W. T. & F. P. Butz are building two carnation houses, each 22x150 feet, to be heated with steam. Also one violet house, 20x100 feet.

PANSIES

The Jennings Strain of finest American Crown Pansies are considered by many florists to be the leading strain to date. All large flowering and of the most brilliant colors, and are sure to give satisfaction. Finest mixed seed, \$1 pkt., \$3 per 1/2 oz., \$5 per oz. Finest white, yellow, black and blue, 50c pkt. of 1500 seeds. Cash with order.

E. B. JENNINGS, Southport, Conn.
Lock Box 254. Grower of the Finest Pansies.

Mention the Review when you write.

REINBERG BROS.

Cut Flowers

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine

AMERICAN BEAUTIES.

51 Wabash Ave., CHICAGO

We now close at 5:30 p. m. Sundays and Holidays at noon.

Mention The Review when you write.

800,000
FEET
OF
GLASS.

No
charge
for
packing.

Wholesale Price List.

AMERICAN BEAUTY

24-inch stem.....	per doz.	\$2.50
20 " " " " " "	"	2.00
15 " " " " " "	"	1.50
12 " " " " " "	"	1.25
8 " " " " " "	"	1.00

METEOR per 100, 3.00 to 4.00

BRIDESMAID " 3.00 to 4.00

BRIDE " 3.00 to 4.00

PERLE " 2.00 to 3.00

CARNATIONS " 1.00 to 1.50

Quotations subject to change without notice.
All other stock at lowest market prices.

NOT AT THE CONVENTION!

BUT IN FRONT RANK

WHEN IT COMES TO

Wholesale Cut Flowers

E. C. AMLING,

51 Wabash Ave., Chicago.

W. S. HEFFRON, Manager.

Mention The Review when you write.

CABBAGE PLANTS.....

Field grown, 15c per 100, \$1.00 per 1000.
if by mail, add 10c per 100.

Write for prices on large lots for fall planting.

Parsley. Strong plants, 35c per 100, \$2.50 per 1000; if by mail, add 20c per 100.

Other Vegetable plants in season. Cash with order.

E. VINCENT, JR. & SON,

White Marsh, Md.

Mention The Review when you write.

CRABB & HUNTER, Violet Specialists.

Orders booked now for FIELD-GROWN Plants.
write for prices.

Bridesmaids, a few hundred fine plants cheap, 4-in. pots, \$5.00 per 100. Quick! Who wants them?
Smilax, from 2 1/2-inch pots, good, bushy plants, \$1.25 per 100.

GRAND RAPIDS, MICH.

Mention The Review when you write.

SAMUEL S. PENNOCK, Wholesale Florist

{ During the summer months, commencing July 3rd, will be open }
 from 7:30 a. m. to 6 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention the Review when you write.

PITTSBURG CUT FLOWER CO., Ltd.
WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 705 Penn Avenue, PITTSBURG, PA.
 FLORISTS' SUPPLIES. Write for Price List. Mention The Review when you write.

Field Grown Carnations..

September delivery and later.

We have a very large stock, including G. H. CRANE, MACEO, GLACIER, and MRS. JAS. DEAN, in good, healthy condition.

Send for Price List. F. DORNER & SONS CO., La Fayette, Ind. Mention The Review when you write.

CHRYSANTHEMUMS....

Standard Varieties nearly sold out. See Review of July 27th for Novelties.

H. Weber & Sons, OAKLAND, MD. Mention the Review when you write.

ANTON SCHULTHEIS, P. O. Box College Point, Queens Borough, N. Y. HEADQUARTERS FOR PALMS and Decorative Plants in Quantity
 Come, see Ericas (Heather), also Full Line of Other Flowering Plants vine yourself. Price List on Application.

Mention The Review when you write.

1840 Old Colony Nurseries, 1899 HARDY SHRUBS, TREES, VINES, EVERGREENS and PERENNIALS.

A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap. Trade list free on application.

T. R. WATSON, Plymouth, Mass. Mention the Review when you write.

FOR SALE

	Per 100.	Per 1000
METEOR PLANTS, 3 1/2-in. pots,	\$4.00	\$35.00
MAIDS	4.00	35.00
BRIDES	4.00	35.00

Fine stock. Cash with order unless known.

BRANT & NOE, FOREST GLEN, ILLINOIS. Mention The Review when you write.

ROSES. Carnations VALLEY FERN. GALAX, and IVY LEAVES, and all kinds of Seasonal Flowers in Stock.



We get daily new customers because we have the reputation that all orders are punctually filled.

Consignments of good stock solicited.

Long Distance Telephone 2985.

WM. F. KASTING, Wholesale Florist. 444 Sixth Ave. All kinds of FLORISTS' SUPPLIES and WIRE DESIGNS on hand. Mention The Review when you write.

Galax Leaves...

For Summer Use in Cold Storage. Write the Introducer.

HARLAN P. KELSEY, 1106 Tremont Bldg., - BOSTON, MASS. Mention The Review when you write.

Asparagus Plumosus

Strings 10 feet long. 50 cents. Shipped to any part of the country.

W. H. ELLIOTT, BRIGHTON, MASS. Mention The Review when you write.

Cut Flower Exchange,

404 - 412 East 34th St., New York. NEAR THE FERRY. Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent. J. DONALDSON, SECRETARY. Mention The Review when you write.

Long's "Handy" Order Sheets

The practical leaders to correct order taking in hurried hours. Single sample free. Pad of 100 sheets, mailed for 24 cents in stamps. Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y. Mention the Review when you write.

GIVE US A TRIAL. WE CAN PLEASE YOU. 
 Roses, Carnations and all kinds of Seasonable Flowers in stock.
WM. F. KASTING, Wholesale Commission Florist. 481 Washington St., BUFFALO, N. Y. Also Dealer in Florists' Supplies and Wire Designs. Mention The Review when you write.

WM. J. BAKER, WHOLESALE CUT FLOWERS, 1432 S. Penn. Square, PHILADELPHIA, PA. Original Headquarters for CARNATIONS. Mention The Review when you write.

Rose Hill Nurseries. Palms, Orchids, Roses, Ferns AND FOLIAGE PLANTS. Largest stock in America. SIEBRECHT & SON, New Rochelle, N. Y. Mention The Review when you write.

Nephrolepis Washingtoniensis

A magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house.

3 good plants from 2-in. pots,	mailed for \$ 1.00
100 " " 3 " expressed	" 40.00
100 " " 4 " extra fine,	60.00

JOHN H. LEY, GOOD HOPE, D. C. Mention the Review when you write.

BRIDE and BRIDESMAID Roses....

500 Brides and 4,000 Bridesmaids, 2 1/2-in. pots. \$18.00 per 1,000. 300 Bridesmaids, 3-in. pots. \$4.00 per 100. Clean and healthy. Cash with order.

JOSEPH BRADBURY, Irvington Ave., SOUTH ORANGE, N. J. Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.



"CATTLE COMFORT" keeps Cows and Horses free from Flies, Gnats, etc.
SLUG SHOT KILLS SOW BUGS

Preserves vegetation from destruction by insects, preserves foliage and is always safe. In use since 1880. Is sold by the seedsmen of America. For pamphlet on Bugs and Blight, address **B. HAMMOND, Fishkill-on-Hudson, N. Y.**

Mention The Review when you write

NEWPORT, R. I.

Hort. Society Meeting.

The Newport Horticultural Society at its meeting held last week took a decided step on a subject which has been under discussion by the members for the past few months, viz.: The need and desirability of a state entomologist. Mr. R. Laurie, gardener for Mr. Cornelius Vanderbilt, produced branches showing signs of a minute parasite, or scale, which he thought was the "San Jose" scale. Different opinions, however, existed as to this. Mr. Laurie stated that the scale in question would kill a tree or plant in six months, and that it seemed to be white, or brownish, at various times in its progress, and exhibited samples thereof. After discussion as to how a state entomologist could assist florists, gardeners, etc., the society appointed a committee for the purpose of securing legislation to create the office of a state entomologist. Apropos hereto, in some states such a state official is obliged to certify to plants, as being free from dangerous insects, etc., and fit to be received by growers in other places, and without such a certificate some states will not allow plants to be shipped into the state.

Your correspondent has not been informed of a florist or gardener who purposes to attend the convention. But the season here is but a fraction of the long year, and absence from business just now would be financially disastrous.

It may be of interest to state that the noble Earl of Yarmouth, now visiting Newport, arranges the floral decorations at the receptions, etc., given by his hostess in his honor. What next? M.

CINCINNATI.—A party of local botanists and florists will soon start on an expedition to the interior of Cuba, under the guidance of John Nagel, who served a campaign in Cuba last year. Plants sent from Cuba last year to Fred Walz, the florist, have excited so much interest as to bring about this enterprise.

BRIDGEPORT, O.—For the better accommodation of E. W. Reed's Nurseries, the postoffice department has established a new office called Upland, in Belmont county, which is close to the nurseries. All mail intended for the above firm should be sent to the new address.

BURLINGTON, VT.—A. J. Taylor has removed to his new store at 182 Main street. The store is handsomely finished in white and gold.

E. H. HUNT
 THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
 Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.

Mention the Review when you write.

Bassett & Washburn
 76 Wabash Ave., CHICAGO, ILL.
 Wholesale Growers of **CUT FLOWERS**
 and Dealers in
 Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

W. E. LYNCH
Wholesale Florist,
 19-21 E. Randolph St. CHICAGO.

Mention The Review when you write

A. L. RANDALL
 Telephone 1496 **Wholesale Florist**
 4 Washington St., Chicago.
 In our new and enlarged quarters we are better prepared than ever to handle your orders.

Mention the Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
 37-39 Randolph St., CHICAGO, ILL.

Mention The Review when you write

A. ZEISE & CO.
PHOTO-PROCESS ENGRAVING
 300-306 DEARBORN ST.
 CHICAGO. ♦♦♦♦♦

FANCY DAGGER
Hardy Cut Ferns. In 1000 lots, 75¢ per M.
 Discount on larger orders.
 Also dealer in **Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.**
L. B. BRAGUE, - Hinsdale, Mass.
 Mr. and Mrs. Brague will be pleased to meet all old customers and friends at the Convention.
 Mention The Review when you write.

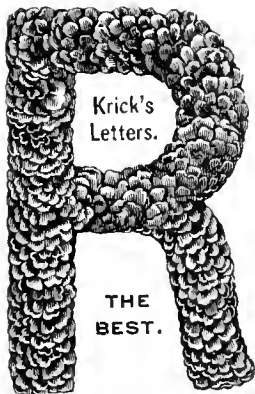
C. A. KUEHN **WHOLESALE FLORIST**
 Cut Flowers and Florists' Supplies.
 Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
 Mention The Review when you write.

H. G. Berning
WHOLESALE FLORIST,
 1322 Pine Street, ST. LOUIS, MO.
 Mention the Review when you write.

ELLISON & TESSON,
WHOLESALE SHIPPING FLORISTS
 3134 Olive Street, ST. LOUIS, MO.
 ...Home Grown Stock...
 Mention the Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
 Growers of **CUT FLOWERS** at Wholesale.
 Regular shipping orders given special attention. We have the largest plant west of Chicago.
 Store: **906 Grand Ave., KANSAS CITY, MO.**
 Greenhouses; Pleasant Hill, Mo.
 Mention The Review when you write.

Cincinnati Cut Flower Co. W. A. MANN. FRANK W. BALL.
 416 Walnut St. **Wholesale Florists**
 CINCINNATI, O.
 Consignments Solicited.
 Special Attention Given to Shipping Orders.
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USE
W. C. KRICK'S
FLORISTS'
Immortelle
Letters, etc.
Medal Awarded at
the World's Fair
and Highest Award
wherever exhibited.

These Letters and
Designs are made of
the best Immortelles,
Wired on Wood or
Metal Frames, having
holes drilled in them
to insert toothpicks,
by which they are
fastened in the design.
Give them a trial.
You will find these
goods to be superior
to any in the market.

Two-inch letters, \$2.50 per 100. Postage, 15c per 100.

For other styles of Letters, Emblems and Designs,
send for catalogue. Before purchasing send for free
sample and catalogue, and compare with any other letter
on the market.

For sale by all Florists' Supply Dealers.

W. C. KRICK,

1287 Broadway, - - **BROOKLYN, N. Y.**

Mention the Review when you write.

FIRST CLASS

Rose Stock.

I have left—

300 Brides, 3-in. 1000 Bridesmaids, 3-in.
Strong, well seasoned stock,
which I offer to the trade at

\$5.00 per 100, \$60.00 per 1000.
Samples sent.

A. W. SMITH, 339
Sixth Pittsburg, Pa.
Ave.,

Mention the Review when you write.

Primrose.

CHINESE PRIMROSES, single, mixed, 2-inch pots,
per 100.....\$2.00
Obconica Grandiflora, 2-inch pots, per 100. 2.50
Forbesi, "Baby Primrose," 2-in. pots, " .. 4.00
ASPARAGUS SPRENGERII, 2½-in. pots, " .. 4.00
CARNATIONS, field grown .. 4.00
PANSY SEED, Benary ne plus ultra, none better.
Per oz., 4.00. CASH WITH ORDER.

Jos. H. Cunningham, Delaware, O.

Mention The Review when you write.

SMILAX: 3-in., extra strong plants,
\$2.00 per 100,
\$18.00 per 1000.

VIOLETS: Marie Louise, strong
held-grown plants, \$2.50
per 100, \$20.00 per 1000.

Cash with order.

Albert F. Amling, - - Maywood, Ill.

Mention The Review when you write.

SEND IN YOUR ORDER NOW

for a copy of the

FLORISTS' MANUAL.

BENTHEY & CO.

F. F. BENTHEY, MGR.

Wholesale and Commission

FLORISTS.

Consignments Solicited.

41 Randolph Street,
CHICAGO.

Mention The Review when you write.

The Right Cypress for Greenhouse Material.

Have you heard of Cypress Greenhouse Material that has not been satisfactory? If you have it does not follow that Cypress is not the best lumber to use. There is White Cypress, Yellow Cypress and Red Cypress; there is Cypress that grows on the high lands and Cypress that grows in the swamps.

All of these different kinds are not suitable for greenhouse purposes. Do you know which kind is best and do you know that kind when you see it? If not you would better buy from those that do know and will deliver exactly what they sell. We introduced Cypress for greenhouse construction and pushed it to the front. We know all about it. For fifteen years we have made a specialty of furnishing it, and during this time we have built up a reputation that we can not afford to jeopardize. We send out the best only.

Write for Circulars
or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

PRIVET, SHRUBS and ROSES.

300,000 Privet.
100,000 Roses.

80,000 Clematis Paniculata.
100,000 Ampelopsis Veitchii.
about 50,000 Herbaceous Plants.

Prices as low if not lower than any in the United States for the same grade of stock. Send for our Wholesale List. **POTTED STRAWBERRY PLANTS now ready.**

AMPELOPSIS VEITCHII, heavy field grown plants, \$50.00 per 1,000.
CLEMATIS PANICULATA, strong field grown plants, \$70.00 per 1,000.

ELIZABETH NURSERY CO., 96 Broad St., ELIZABETH, N. J.

Mention The Review when you write.

MAKE OUR PLACE
YOUR
HEADQUARTERS.
We are always glad
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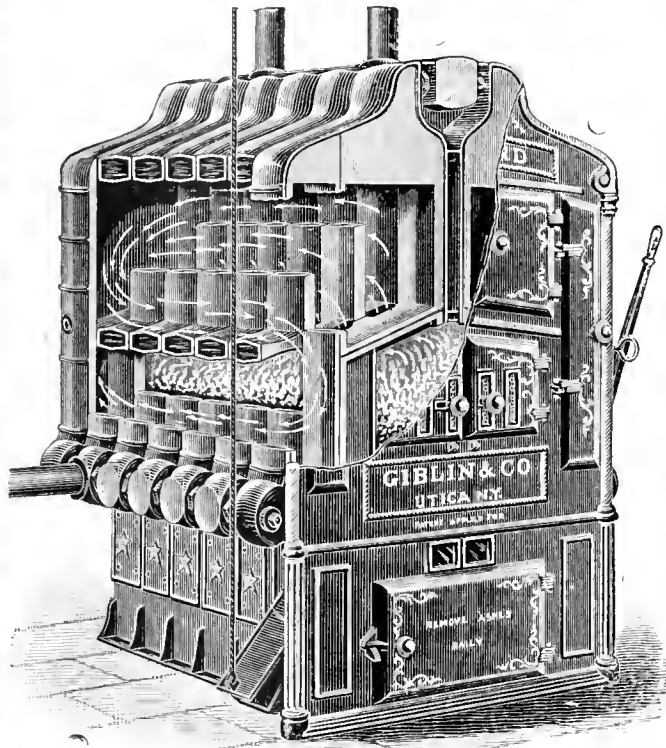
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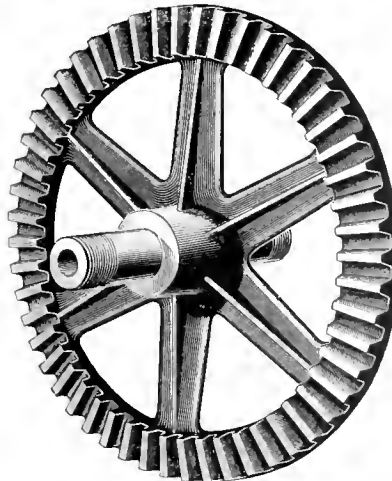
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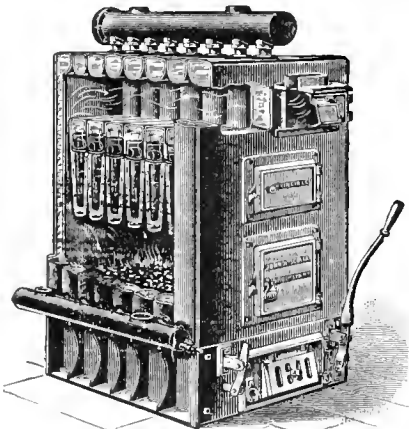
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It is only necessary to give a few of many testimonials from some of our best growers.

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Theron Parker.

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Very respectfully yours,
WILLIAM SCOTT.

W. HOBOKEN, N. J., Feb. 13, 1897.
Mr. Theron Parker,
Brooklyn, N. Y.

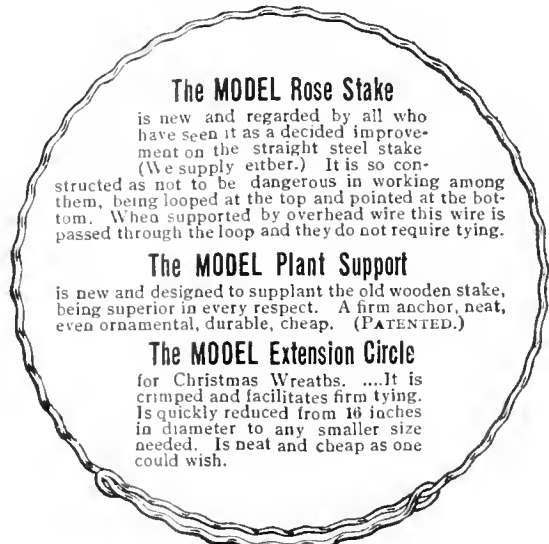
DEAR SIR: It gives me much pleasure to congratulate you upon your success in getting up Carnation Supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for a long time. Wishing you every success in the sale of them, I am,

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is new and regarded by all who have seen it as a decided improvement on the straight steel stake (We supply either.) It is so constructed as not to be dangerous in working among them, being looped at the top and pointed at the bottom. When supported by overhead wire this wire is passed through the loop and they do not require tying.

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Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengerii, 2-inch, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$4.00 per 100. Geo. Wittbold, 1708 N. Halsted St., Chicago.

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Sprengerii, very fine, thrifty stock, 3-in., \$6.00 per 100. Asparagus Temuissimus, 2½-in., \$3.00 per 100. N. Smith & Son, Adrian, Mich.

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Cereus Flakelliformis, two to three years old, well branched, \$8.00 per 100. 6-inch cuttings, \$3.00 per 100; 300 for \$3.00. Choice Phyllocacti, \$1.00 to \$1.50 per dozen; cuttings, \$4.00 per 100. Echeveria Californica, \$3.00 per 100. Rhipsalis and Epiphyllums, \$2.50 per 100. Cash with order. Mrs. M. E. Patterson, Glendale, Cal.

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Field grown, Portia, McGowan and Scott, extra, \$4.50 per 100; \$40.00 per 1000; 1st quality, \$3.50 per 100; \$30.00 per 1000. Daybreak and Pingree, extra, \$5.00 per 100; \$45.00 per 1000. Terms strictly cash. The Boo! Floral Co., Ithaca, N. Y.

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10,000 field grown, ready now. New and standard varieties from \$4.00 to \$10.00 per 100. Fine plants. Write us your wants. Carl Hagenburger, West Mentor, Ohio.

1500 Flora Hill, 800 Daybreak, 800 Trinnph, 600 Jubilee, 150 Armazindy, 200 White Cloud, 300 Scott, Field grown, \$5.00 per 100. W. Sabransky, Kenton, Ohio.

Best new and standard carnations, beautifully illustrated and accurately described in our trade list. Send for copy. W. P. Peacock, Atco, N. J.

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All the best standard sorts. Our selection, 2¼-in., \$2.50 per 100; \$20.00 per 1000; 250 at 1000 rate. N. Smith & Son, Adrian, Mich.

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Strong plants in splendid condition, 2-inch, \$4.00 per 100; 3-inch, \$7.00 per 100. Cash. C. W. Cox, 2nd and Bristol Sts., Philadelphia.

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	Pot	H't.	Char.	Each.	Doz.
	in.	in.	lvs.		\$.50
Latania Borbonica,	2	2			1.50
"	5	16-20	5-8	\$.50	5.00
"	6	13-20	5-7	.75	9.00
"	7	20-24	6-8	1.00	12.00
Cocos Weddelliana,	3	14-18	4-6	.25	3.00
Kentia Belmoreana,	3	5-7	3-4		2.00
"	3	8-10	4-5	.25	3.00
"	3	18-20	5-6	.75	9.00
"	5	18-20	6-7	1.00	12.00
"	6	20-25	5-7	1.50	18.00
"	7	34-38	6-7	2.50	30.00
Kentia Forsteriana,	5	20-24	4-6	.75	9.00
"	5	25-28	4-6	1.00	12.00
"	6	26-30	6-8	1.50	18.00
"	7	36-40	5-6	2.50	30.00
Phoenix Reclinata,	5	14-16	5-8	.50	5.00
"	6	16-18	7-10	.75	9.00
Pandanus Utilis,	3				1.50
"	4	12-14			3.00
"	5	14-16			5.00
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"	5	10-12		.50	5.00
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Latania borbonica, 4-inch, 25 cents. Areca lutescens, 4-inch, 35 cents. Kentia Belmoreana and Forsteriana, 3-inch, 25 cents; 4-inch, 50 cents.
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Cocos Weddelliana, 3-inch, fine, \$15.00 per 100. Geo. L. Miller, Newark, O.

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Chinese primrose, choicest strains, mixed, 2-in., \$2.00, 2½-in., \$3.00 per 100. Geo. M. Emmans, Newton, N. J.

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We have left the following choice rose plants which we are anxious to sell at a low price to make room. Guaranteed first class in every respect. Beauties, 4000 3-in., 5c; Bridesmaids, 1400 4-in., 5c, 2000 3-in., 2c, 6500 2-in., 2c; Brides, 700 4-in., 5c, 2300 3-in., 4c, 500 2-in., 2c; Meteors, 1600 3-in., 3c, 500 2-in., 2c. Shipments to be made from our greenhouses at Hinsdale, Ill. Bassett & Washburn, 73 Wabash Ave., Chicago, Ill.

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Strong one-year plants, 2½ and 3-in., \$2.50 per 100; \$20.00 per 1000. Choice well ripened seed, 25 cts. per oz.
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CINCINNATI.

Club Meeting.

The regular monthly meeting of the Cincinnati Florists' Society was held at the residence and greenhouses of Mr. Wm. Murphy, on Thursday afternoon, August 10. There were about twenty members of the society present and quite a number of visitors. Several of the craft were kind enough to bring their wives along and they were well entertained by Mrs. Murphy. Messrs. E. G. Hill, of Richmond, Ind., and Francis Pentland, of Lockland, O., were present at the meeting. W. G. Partridge was elected a member and Philip Berlier and George Murphy were proposed as new members. After the meeting the crowd was entertained with a number of choice selections rendered by the Beechwood cornet band.

The party then adjourned to the potting shed and did their best to relieve the tables of the terrible strain to which they had been subjected, for they were simply overladen with good things to eat. About 7 p. m. they took their departure from Murphyville, well pleased with their day's outing and voting President Murphy a royal entertainer.

A special social meeting of the club will be held at the greenhouses of J. A. Peterson, Thursday, August 29, and the next regular meeting at R. Witterstaetter's, Thursday, September 7.

All of the craft, whether members of the society or not, are invited to be present at these meetings. B.

BROCKTON, MASS.

Club Meeting.

The monthly meeting of the Brockton Florists' Club was held last evening and was well attended. The matter of arranging for the second annual exhibition of the club was taken under consideration and committees appointed. The exhibition is to be held November 1, 2 and 3. The club intends making it one of the most noteworthy ever held here. A committee consisting of Walter Baker and John McFarland was appointed to circulate schedules among the different florists.

Another committee consisting of Charles Cooper, Clarence Graham and John McFarland was chosen to devise means for securing funds for conducting the exhibition.

The culture of asters seemed to be the talk of the members. Among the noted speakers on that subject were Carl Blomberg of North Easton and Henry Duly, of Randolph.

Mr. Duly has purchased the greenhouse formerly occupied by Blanchard & Thrasher, at Avon. The cause of selling was on account of the death of the late Hiram Blanchard.

C. W. G.

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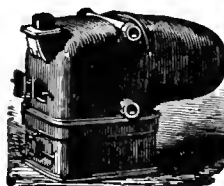
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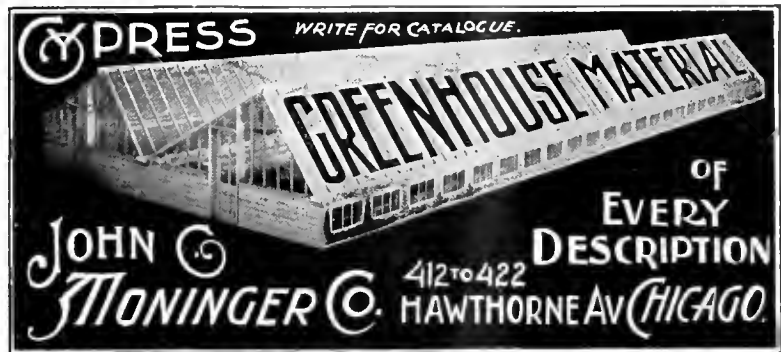
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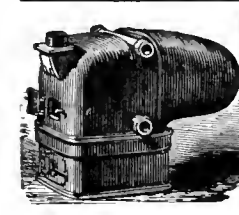
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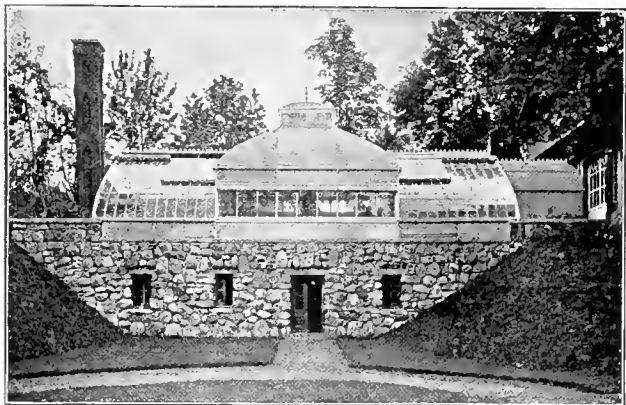
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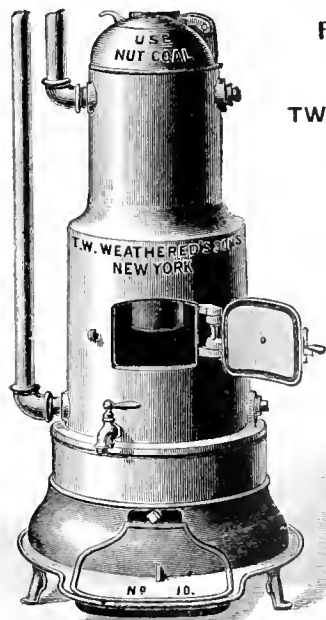
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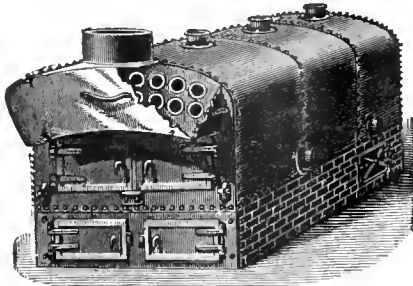
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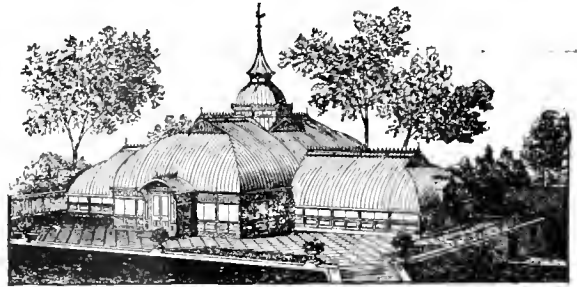
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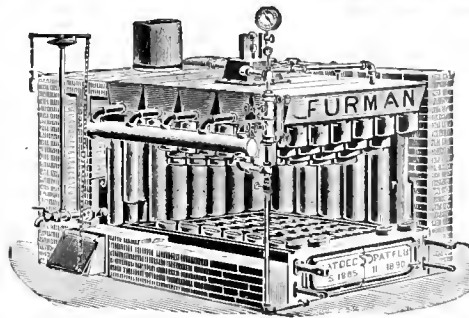
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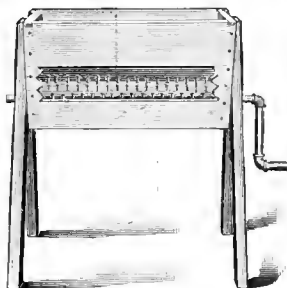
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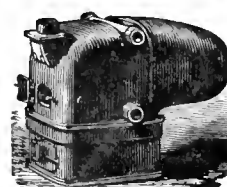
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BUFFALO, N. Y., July 21, 1899.
I have used the Soil Crusher and Pulverizer made by the Florists' Supply Co. of North Tonawanda, N. Y. It is a labor-saving machine, breaking up the soil admirably of almost any texture. The only soils that it will not handle is a green sod or very stony soil. It also breaks up animal manure in good style if not too fresh.
WILLIAM SCOTT.

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Vol. IV.

CHICAGO AND NEW YORK, AUGUST 24, 1899.

No. 91.

LANDSCAPE EFFECTS.

We present herewith two views of the grounds of Mr. A. Gilchrist. To-

ronto Junction, Ont., showing landscape effects instead of the usual bedding.

Some four years ago Mr. Gilchrist

purchased eight acres of land upon which he has built a fine range of glass and is making a specialty of landscape work applied to both small and large places.

And he has very wisely made his place as far as possible an example of what can be done in this line in a moderate space and but a few years' time.

THE DETROIT CONVENTION.

At the Thursday evening session Mr. J. F. Sullivan read his paper on "The development of public patronage in the flower trade." He named as factors in this development catalogues, the horticultural papers, calendars, pamphlets, exhibitions, bedding in parks and at railway stations, the displays of plants and flowers at the great expositions as well as local exhibitions, the annual flower parades, the Florists' Clubs, the distribution of plants and seeds to school children, etc.

He dwelt upon the importance of supplying accurate information to the general press about plants and flowers, and felt it the duty of a florist to at once take steps to correct any absurd statements that creep into the daily press. He told his hearers that they must go to the papers and not expect the papers to come to them.

The Committee on Co-operative Purchase reported a plan of action and suggested the organization of a company with power to buy, sell or manufacture. There was considerable discussion and the following motion was finally carried: "Moved, that the Executive Committee of the S. A. F., in their individual capacity and without involving the society in any way whatever, do organize the corporation as suggested by the committee."

Robert Craig, on behalf of the members of the society, presented President Rudd with a valuable diamond stud, which was received by that gentleman with a few brief, but evidently heartfelt words.



Landscape Effects.

From the question box came an inquiry about butted glass and Mr. Wm. Scott responded with a description of his method of butting glass, which was described in our last issue. Quite a difference of opinion regarding the utility of this system of glazing de-



ROSE NOTES.

Roses that were planted early will now be in need of a mulch; if not till later, two or three weeks hence, according to time of planting, will do. For mulch I like good fresh soddy loam with well decayed manure, thoroughly mixed, with the addition of one shovel of bone flour for each wheelbarrow of soil and manure.

If the boiler and pipes are not already in perfect order they should be made so at once, as cool nights will be upon us before we realize it, and fungus diseases will surely develop if the atmosphere in the houses is not dried out by the running of a little steam through the pipes in the early hours of the morning. The pipes should have a mixture of lime and sulphur smeared on them, thus effectually heading off mildew.

From now on Beauties will need constant watching and care in all particulars, as they are exceedingly liable to black spot at this season. I believe that moisture arising from the soil at night and settling on the lower leaves of the plants and remaining there all night is largely accountable for this trouble. When the spot does make its appearance the affected leaves should be immediately picked off.

Ventilation will now require careful and intelligent attention as there is frequently a very great drop in temperature after dark and then is when the careful grower gets in his good work to have on all the air possible and still keep the temperature of the houses just right for the best development of the plants. I want to call the special attention of rose growers to the paper of Mr. E. M. Wood, read before the S. A. F. and

veloped. Some holding that it was the only way to glaze and others saying they would not own a house glazed that way.

The society, by a unanimous vote, endorsed Mr. Wm. Scott, of Buffalo, for the position of Chief of the Department of Horticulture of the Pan-American Exposition to be held at Buffalo in 1901.

The Ananias Society held a meeting, but owing to the absence of the Board of Lady Managers it was a trifle lacking in color.

ROSES

printed in last issue of Review. It is an excellent recital of the pests destructive to roses and valuable in naming agents for their annihilation. In my experience I have no recollection of a season when the insect enemies were in such great variety and large numbers. Get the rose houses glazed in time, before the fall rains come, and fall work is pushing so that it be not left till frost come.

A. O. T.

SYRINGING ROSES.

In view of the great importance attached to syringing by most growers we were somewhat surprised to hear one of the most successful growers in the country make the statement that if some one would discover a way to prevent the appearance of red spider and thus do away with the necessity for syringing it would be of the greatest possible value to rose growers.

He held that both flowers and foliage were apt to be injured by syringing and emphasized his belief by calling attention to the fact that in nature water was never forced against the under side of the leaves. From his remarks we gathered that he syringed much less than other growers.

Another well known grower of roses of the highest grade was later asked about the same subject and he indorsed what the other had said. He added that syringing seemed to injure the American Beauty more than other roses, and especially those flower buds that are not sufficiently pointed in form to shed the water readily. Water settles on the edges of the loosening petals and then when a hot, sunny time follows the petals are parboiled and lose the color, most markedly so on the edges of the petals where the water was held.

A third eminent rose grower was consulted, and he proved to be a warm believer in syringing. He held that the trouble mentioned above was due to a surplus of moisture in the air

combined with sunless weather.

Of course we all know that syringing can be overdone and that one eye must be kept on weather conditions, but after interviewing the three gentlemen noted we concluded that it would be wise to watch the syringing very carefully and see that no more was done than absolutely necessary to keep down red spider, and that we would be inclined to take a few chances of spider rather than have the syringing overdone.

The two gentlemen who spoke against syringing are rarely heard in print, but they both grow roses that bring top prices in their respective markets, and as they did not talk for publication we have withheld their names.

ELEVATED ROSE HOUSES.

Being located on the next block to the principal hotel in the city, and the offices of two express companies, with another express office but little more than a hundred feet further away, land is valuable; and we are compelled to resort to expedients to economize space in building.

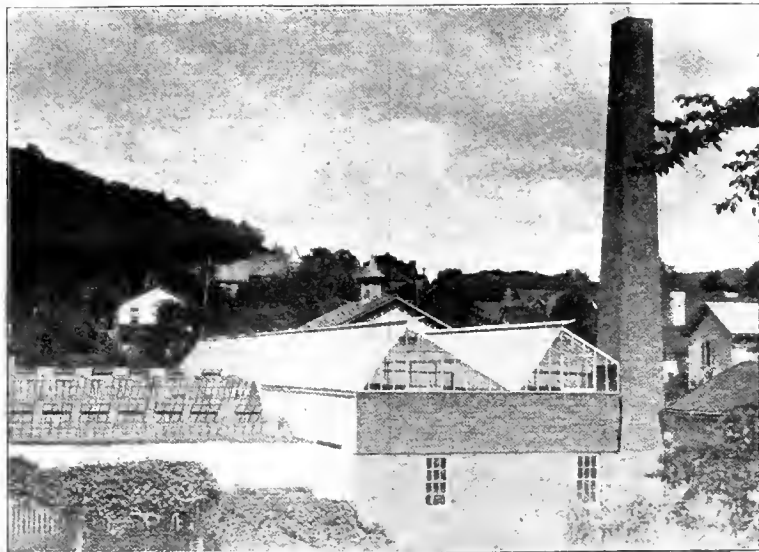
Two of our houses built last season are, we think, unique, and your readers may be interested in a description of them. We have six houses running north and south, and needing more space for roses, and the only available room being at the north end of the houses already built, and that mostly covered by a brick soil shed, with a slate roof, we were somewhat puzzled how to proceed. If the new houses were built on the ground in the usual manner, the older houses would shade them, and they would be of little use for forcing roses in; and in addition, we would lose the room we had already had for storing soil.

We settled the matter by building a brick wall, eight feet high, inclosing the necessary area, putting 12-inch joists 16 inches apart, well supported and braced, on this wall, and covering the whole with matched flooring, which when laid, was given a good coat of linseed oil.

On this foundation we then built our houses; and so grow our roses on the second floor.

The space gave room for two houses, each about 17 feet wide and 120 feet long, running east and west; and as they adjoin, they were made with the short slope to the south, to prevent shading. The glass is laid flat, without lap or putty; and the drip is carried in a moulded wooden gutter, to the lowest end of the houses, and conducted into the sewer.

The plants did well last season, although we were compelled to buy most of the stock to plant them with; and they are looking very much better this, being planted with roses of our own growing. We water and syringe as in the other rose houses; but try to avoid wetting the floor unnecessarily. The light is fine, the floors can be kept clean easily and the experiment is a success.



Elevated Rosehouses.

The basement, 34x120 feet, is well lighted from windows in the side walls, and makes a roomy potting shed and place for storing soil, pots, etc. Through a wide doorway we can drive into it and dump soil; and have had two two-horse teams and wagons inside at once. A horse and cart would require less room for turning; but as we are building another house that will cover the large door, we will lay a tramway to the street, and with a strong light dumping car, we can distribute material where we want it, and save room. W. T. BELL.

Franklin, Pa.

THE SWEET PEA.

From a personal point of view I certainly must take exception to the statement made in the Hartford, Conn., notes as per page 224 of your issue of August 3rd, where it goes on to state there is ground for the opinion of many prominent sweet pea growers that the flower is deteriorating in the United States because the exhibition of the Connecticut Horticultural Society was not as good as in former years. If you will write to Mr. Chas. H. Larowe, Cohocton, N. Y., and ask him about the deterioration of the sweet pea I think he will tell you that while the season was against them this year there is no evidence of any weakening of the constitution of this flower.

For some reason or other the growers in the New England States are rather sore on the sweet pea question and I cannot understand this, for in the mail of the house I represent I find some days a letter from New England complaining of some trouble with sweet peas to about three or four received from every other section of the country speaking in the highest terms of praise of the growth of the

vines and sizes and quality of blooms.

Only to-day the house received a letter from Mr. Chas. A. Banister, Indian Orchard, Mass., in which he states that from seed purchased of us and which was sown on April 4th he began to pick blooms about the middle of June and that his vines have given an immense amount of fine, large, rich colored, long-stemmed blooms and are still quite vigorous and blooming freely and that his attention has been attracted very much by the fact of the unusual vigor of the vines and that some that he measured of the most stocky ones showed a growth of 5½ ft. from the ground.

The sweet pea, aside from its value as a commercial flower, is too fine a thing to be treated this way just when it is reaching the height of its popularity. HOWARD M. EARL.

Philadelphia, Pa., August 14th, 1899.

HOLLYHOCK.

[From the Florists' Manual, by William Scott.]

This stately plant is seen in the large grounds of the millionaire and in the small piece of garden that the farmer or his wife devotes to "posies." It is handsome anywhere, and it is particularly suitable for a border whose background is a hedge or belt of trees. There appears to be an increased call for them of late. Some years ago the hollyhock disease discouraged many would-be growers of this old favorite, but little is now heard of the disease, and we have seen no trouble from it in several years.

Hollyhocks are of very easy culture and few plants will pay for the labor with an equal amount of flowers and fine effect. If they required the same care and labor that a dahlia does, there would be less excuse for not growing them, but they do not. When

once planted out, they will take care of themselves, only requiring one stout stake to support their main stem and tying as they grow.

The best strain if allowed to remain without transplanting for four or five years will deteriorate in quality and revert back to the single-flowered form. Little regard is now paid to named varieties, because the best strains give you all the desirable colors and the finest flowers; in fact, plants less than one year old give the finest flowers. Plants that have flowered and are carried over winter are hardy in our ordinary winters, but should be protected by some litter placed around the plant and a few evergreen boughs over them.

Where the winters are not so severe seed is sown in May or June out of doors and the young plants transplanted into beds, where they remain all winter in the open ground, and are planted out and sold the following spring. This is all right for the man with a catalogue trade, but is not the way to produce the finest plants and flowers.

Sow in flats or in the cold-frame in early August. If you have no other accommodation, you can transplant four or five inches apart in the frames, and in the three or four months of severest winter weather protect with glass, and transplant to their permanent position as soon as the ground is dry in the spring. Still better, transplant from the seed beds into flats or 2-inch pots and in October shift into 4-inch pots, keeping them plunged in the cold-frame till very cold weather, and then winter them in a very cool house. A violet temperature, or less, will do. Don't defer planting till you put out your tropical bedding plants, but get them into the border as soon as you can work the ground. The latter method is the one I have seen followed with the very grandest results.

Hollyhocks like a heavy soil, dug deeply and with plenty of animal manure worked in. If the spring is dry, they should receive a soaking twice a week. As fine hollyhocks as I have ever seen were planted in a stiff clay, into which was dug a lot of cow manure. They want a good stout stake to keep the wind from blowing them over, and sometimes when the side shoots are loaded with flowers they will want supporting to the main stem.

Chater's strain was for years the best obtainable, and is, I think, still offered by some of the leading seedsmen.

When the plants are small, as a preventive of fungous diseases they can be dipped into a pail of the ammoniacal solution.

The best strains now embrace colors from the darkest maroon (almost black) through beautiful shades of red and pink, yellow and pale straw, to pure white. Three feet apart is close enough to plant them, and if strong plants, more room is better.



Ferns.

Ferns are yearly increasing in popularity and it is safe to say they will take a double stride the coming season. Millions of small ferns are used every year in this country for table decoration, and though much of the stock is well grown still there is room for improvement in the way of variety. The tendency of public taste is towards more variegation, to such an extent that small crotons, etc., are used among the ferns. This demand for high color effects may be of short duration because such plants are more difficult to keep alive or in good condition, but the use of ferns in general is sure to increase, and their cultivation affords better opportunities than many of the overcrowded special lines of our business today. There is room for good fern specialists near every large city and fashionable seaside resorts, and if you are near enough or can open a place where the retail section can be handled, there is all the more in it.

Of course the fern business has its troubles too. Perhaps there is not a branch of our business that is more troublesome; in fact many florists will not handle them because of the everlasting complaints accruing from ignorance of cultivation. Ah, yes, most of you have from time to time heard the dreadful "kicks;" "the dish wasn't filled nicely," "it was too high," "too scraggly," "they didn't last a week," "the center plant wasn't the kind wanted," etc., etc., etc. It is safe to say that many of the meanest and smallest traits in human nature are displayed by your customers on the question of fern dishes. Cut flowers are acknowledged as perishable, ferns they imagine should be imperishable and when "Mary Ann" in the kitchen pours boiling water on the fern dish, or "Sarah" in the parlor puts them out in the frost to "fresh up," or "Jeems," in the pantry puts them on the shelf to dry roast, Madame cannot, will not, understand why the ferns die so quickly; she will listen to the lame excuse of ignorance or neglect from the servant and back comes the dish with a yard of complaints and threats.

Yes, often many a good customer is lost to you through the wretched little fern dish, and still with all these difficulties and unpleasantness the importance of this section of trade cannot be ignored, and there is money and pleasure in it too if intelligently handled. The great majority of people will listen to reason and it is no use to try to stuff them with a lot of nonsense. If sensible customers once find out that you "jolly" or deceive them, they not only lose confidence in you, but they will always be suspicious of you, and though they may not demonstrate the facts still it's only human for the feeling to be there. You yourselves entertain it towards those with whom you deal. To those who have any kind of plant trade, short printed slips giving practical hints on general cultivation are of the greatest service and will often save you time and unpleasant arguments.

It is difficult for many florists to keep a stock of ferns in good condition for any length of time, because some have no place to put them but the dry board floor window where it is hard to keep them watered. Those who have no greenhouse should provide themselves with a stock of shallow fibre or zinc pans in which the plants can be kept in moisture without messing up the store. Last season you will remember good ferns were scarce. It is generally the rule that growers try to rush this class of stock off their hands as early as possible, forgetting that there is a continuous demand for it and that the season in any case does not open till very late. Then again very few growers are able to provide you with equal quantities of suitable varieties; many will imagine their stock the finest and will send you nothing but one or two kinds of pteris with which it is utterly impossible to please or do good work. It is wise to visit the fern grower occasionally and show him what you want and impress upon him that substitutes are undesirable.

As to varieties most useful, perhaps there is more of the *Adiantum cuneatum* types used than any other, but there is often a call for *A. gracill-*

mum, the most delicate of all the class; it is often hard to procure and more of it should be grown. The demand for *A. Farleyense* is becoming enormous, and the coming season it will be as usual far ahead of the supply; small sizes of this fern will be used a great deal next winter for dishes; the 5-inch stock will be the most popular for general use, and no florist with any pretensions at all can afford to be without a supply of this, the grandest of all the commercial ferns. A more extensive cultivation of it, whilst it might reduce the high price now charged for it, would certainly result in greater profits, for a vast amount more of it would be used.

Cibotiums, though expensive, repay themselves tenfold if carefully handled, they are extremely beautiful in decorations, apart from this they are one of the cheapest plants you can put in your window because they are the most effective. Try a few of the Boston ferns in wire hanging baskets, and have some *Ficus repens* hanging beneath; arranged in this way they are of the best decorative plants you can get. They grow well that way, and if properly furnished are sure sellers.

Ferns will be more generally used in decorations, and in order to show to best advantage must either be suspended or tilted over. *Nephrolepis davalloides furcans* is fine for this kind of work. *Lomaria gibba* is all right if you can keep it where you can water it freely, but you often have to put such plants where water is out of the question, and *Lomarias* won't stand dryness. *Nephrolepis sub-cordata* drops too quickly, and though a cheap fern will not be popular for that reason. There is a scarcity of large tree ferns (*Alsophila australis*) at present, not that it pays to use them for decorations, but once in a while one is needed for a conservatory, and in a case like this where they can only be purchased in one or two places in the country a good price should be got for them. *Pteris tremula* is a fine fern for decorations. Years ago this variety was grown in 6-inch pots and was sold and used to great advantage.

Small ferns for table ferneries should never be in larger than 2½ or 3½-inch pots, and should not be taller than from 3 to 6 inches. There is lots of use for plants larger than that, in fact there is often an unaccountable dearth of large ferns. The most useful sorts are *Davallia stricta*, *Gymnogramme chrysophylla* and *G. Argophylla*, *Pteris argyreae*, *P. cretica albolineata*, *P. hastata*, *P. serrulata*, in fact most of the pteris are excellent for small ferneries. *Lastrea aristata* var., *Adiantum tetraphyllum* and *A. macrophyllum*, *Selaginella Kraussiana*, or as it is better known, *Lycopodium denticulata* and *S. Emiliana*, are the best edging materials and some should be grown in the same size pots as the ferns. *S. arborea* deserves a wider acquaintance.

Cyperus alternifolius and *Acorus*

japanicus var. are two of the best plants to stand water. Peperomia argyrea, Maranta chimboracensis and M. Porteana are used to some extent but are not so graceful as ferns. As to center plants the most popular ones years ago were Pandanus Veitchii and P. utilis; they are used today to some extent but have somewhat lost their eminence because they rotted off quickly. Now the choice is for small kentias, arecas or Cocos Weddelliana. Once in a while a dracaena or some variegated plant is desired but they seldom give the satisfaction that palms do.

Seasonable Flowers.

Curiosities in the way of tillandsias or nepenthes, or a block of orchids, are very attractive in the window or store. Lager & Hurrell, of Summit, N. J., grow most of their fine orchids on boards. They are going to be used in this way in the decorations of the future. The boards will be made rustic and with a little hanging gray moss will give a natural and beautiful effect. Cattleyas in at present are C. Dowiana, rich nankeen yellow and violet rosy flowers; C. Gaskelliana, light purple and mauve; and C. Gigas, rich rosy purple, the largest and best; of course they are scarce and are easily the finest of all the flowers you can offer. Oncidiums are commencing to come in, but there is such a vast array of yellow flowers on the market that there is little appreciation for them yet.

Speaking of yellow flowers, they are about the finest in the herbaceous garden just now, and there are many of them richly deserving of more extensive commercial cultivation. Helonium striatum grandicephalum is a fine thing, its bronzy cone in the center of orange and yellow flowers makes a rich effect and the flowers grow in immense clusters and are good keepers, Rudbeckia speciosa is extra fine; it is a black cone daisy of the highest quality. Coreopsis tripteris is light and graceful and a good contrast to the others. Rudbeckia Golden Glow is the most showy yellow flower to be had; lots of it is on the market, and yellow dahlias stand no show along side of it; it is fine for large decorations but not just the thing for "close range," or in other words a table flower. Dahlias, etc., come under the same class.

THE BOWLING TOURNAMENT.

There was a warm time in Detroit last Friday when the contest between the various bowling clubs took place. No less than ten teams took part and the interest was kept at fever heat.

The Philadelphia team took the lion's share of the prizes, putting up a very strong game. The Evans Challenge Cup, held by St. Louis last year, now goes to Philadelphia. The Quakers also took the Detroit cup, valued at \$75.00, offered to the club making the greatest number of pins in any one game, they scoring 935 in their second game, an average of 156 for

each man. They also took the set of lignum vitae balls and cases with the same score, and the set of six jeweled scarf pins.

St. Louis took second place, thereby winning the cash prize offered to the team, making the second highest average in all games.

Buffalo took third place and received the cash prize for third position. In the regular games Buffalo and Chicago were tied for third place and an extra game was played to settle the tie, Buffalo winning.

George Stollery, of the Chicago team, won the \$50.00 badge for highest score in any one game with his high score of 208, also a \$5.00 hat with same score.

W. B. Scott, of the Buffalo team won the prize for highest average in all games, with an average of 169.

The morocco leather ball case for second highest average in all games went to Dennis Connor, of the Philadelphia team, on an average of 166.

In the games for those who did not play in the teams, Theo. Bock, Hamilton, O., won the largest cash prize with a score of 155; Chas. Risch, of Buffalo, took second with a score of 143; and A. Sunderbruch third, 138.

Chas. Risch, of Buffalo, also won the copy of the Florists' Manual offered to the one making the most spares, he having a total of 7 to his credit.

Dennis Connor, of Philadelphia, is wearing a \$5.00 hat as the result of his prowess in making the most spares in all games, being fortunate enough to accumulate 19 in three games. He also took away a \$5.00 umbrella with which to protect the hat, by making the most pins on his spares.

A. S. Burns, of New York, had cigars to burn on the way home, winning the box offered to the one making the most strikes. He was tied with Jno. Habermehl, of Philadelphia, and R. Beyer of St. Louis, but won on the draw, the other players having gone.

Another box of cigars went to J. Murdoch, of Pittsburg, he having made the most pins on strikes in all games.

Fred Panke took the box of cigars offered to the member of the Detroit team making the highest average.

Harry Balsley is entitled to credit for his successful efforts in getting the Detroit people to contribute such a liberal list of prizes.

The team games were very sharply contested and as will be noted there is a difference of only 96 pins between the score of the winning team and that holding third place. It was no walk away and an even hotter contest may be looked for next year.

The organization of the National Florists' Bowling Association, as reported in our last issue was an excellent move. We can now depend upon uniform rules and uniform work by the teams.

Following are the scores in detail, the figures having been verified by the official score card:

PHILADELPHIA.			
	1st.	2d.	3d. Tot.
Jno. Walker	108	127	153 388
Jno. Westcott	118	161	145 424
Jno. Habermehl	147	145	129 421
Geo. Anderson	154	135	137 426
D. P. Connor	150	165	183 498
Geo. Moss	111	203	156 473
Totals	791	956	903 2630

ST. LOUIS.			
C. C. Sanders	96	124	136 346
C. A. Kuehn	140	109	126 375
J. J. Beneke	154	131	161 446
C. Beyer	152	178	141 471
J. W. Kunz	180	151	164 495
R. Beyer	113	162	154 427
Totals	885	855	872 2592

BUFFALO.			
W. F. Kasting	134	133	118 385
Geo. McClure	131	126	111 368
Wm. Webber	130	149	121 400
W. B. Scott	140	150	177 507
Wm. Scott	166	168	122 396
Phil. Scott	169	184	122 475
Totals	870	890	774 2534

CHICAGO.			
E. F. Winterson	153	149	137 439
P. J. Hauswirth	111	127	119 357
Jno. Pagnan	117	115	156 388
Geo. Stollery	131	208	139 478
Geo. Asmus	116	162	166 444
Fred Stollery	161	125	151 437
Totals	789	877	868 2534

(The tie between Buffalo and Chicago was settled by an additional game, in which Buffalo won.)

DETROIT.			
F. Holznagle	130	120	156 416
Jno. Dunn	121	120	133 384
F. Pantke	180	142	116 438
Robt. Watson	110	95	107 310
A. Ferguson	123	140	138 401
Phil. Breitmeyer	123	156	128 407
Totals	587	791	778 2356

NEW YORK.			
A. S. Burns	131	164	97 392
F. L. Atkins	118	120	102 341
J. W. Withers	150	107	153 410
Wm. Plumb	168	113	120 371
P. Trendly	137	149	140 426
F. O'Mara	122	158	134 414
Totals	566	841	747 2354

PITTSBURG.			
Wm. Lowe	100	119	115 334
L. E. Neff	151	132	107 390
E. C. Ludwig	152	105	108 363
P. S. Randolph	73	109	104 283
J. W. Ludwig	118	122	126 344
J. B. Murdoch	117	159	177 453
Totals	511	736	737 2194

OMAHA.			
J. F. Wilcox	135	124	125 394
J. Hadkinson	96	118	124 338
L. C. Chapin	157	128	123 408
J. Hess	104	108	111 323
L. Henderson	140	112	145 397
Geo. Swoboda	102	92	120 314
Totals	534	692	748 2174

CLEVELAND.			
A. Graham	104	100	86 290
E. H. Cushman	113	129	98 350
H. A. Hart	91	108	97 296
C. Graham	124	132	118 374
S. Pentecost	133	154	139 426
H. Kunz	142	148	145 435
Totals	707	781	683 2171

FLATBUSH.			
A. Zeller	137	117	112 366
L. Schmutz	90	117	143 350
H. Dailedouze	102	134	153 389
Wm. Siebrecht	88	75	102 265
P. Dailedouze	111	117	118 346
D. Y. Mellis	98	145	136 379
Totals	626	705	764 2095

Individual Scores.

Theo. Beck .....15	J. Hartshorne .....17
C. Risch .....15	J. S. Wilson .....17
A. Sunderbruch .....18	W. Kreitting .....14
E. Nagel .....37	Jno. Young .....19
D. McRory .....14	J. A. Peterson .....10
R. Flowerday .....31	E. Schray .....10
Geo. Smith .....12	F. C. Weber .....9
F. C. Polworth .....12	G. Kahle .....8
E. W. Guy .....12	J. A. Evans .....8
R. Kift .....12	W. A. Kennedy .....8
W. W. Coles .....19	R. E. Tesson .....7

NEW YORK.

The Convention.

New York is satisfied. Thanks to everybody. She will do her best in return in 1900. We knew the spirit of the times too well to doubt the result of the invitation, and it should be a source of gratification for all to know that the end of the great century will be marked by the most brilliant event in the annals of floriculture! New York will do her best, and yet, much as she may be able to achieve the strong desire will be at all times prominent to make the convention thoroughly representative of the country in the case of exhibits as well as in attendance and of interest.

It is not too soon to commence the great work of preparation now. The local societies should be asked to send a representative to a central committee who would have charge of the exhibition; a rough schedule should be issued as soon as possible to private gardeners that they may set to work to prepare many of the grand things we might see at European shows, but seldom if ever here. The exhibition next year should not be considered too commercially, the ideal from every point should be aimed for, and for that reason all sections should have a voice in the preparations. Any amount of money is obtainable if the right methods are adopted, and by a little effort (though flowers may not be at their best) the Dahlia Society, the Rose Society and all other such societies could be represented by exhibits of flowers. The actions of the Florists' Club will be watched with interest, and a great deal will depend on the attitude they assume. This will be no time to try to act the "father" or "mother," either the "brother" or "sister" will go better, because the other folks have grown up.

The returning delegates have nothing but the highest praise for the Detroiters; their hospitality and efforts impressed everybody and none more so than those from long distances.

The officers elected are acceptable to New York. E. M. Wood lives near enough to know what we want, and he is the worst kind of a man to walk the "narrow plank" in any sense. Yes, we will enjoy this "dish o' beans." As for Frank Pierson, well, we expect wonders from him, and he can't start right where he is.

The bowlers; why, yes, that was enough to jar one, and much of the blame is accredited to the lengthy and unnecessary lectures on "rules." These orations acted disastrously to the ten-

der nerves of New York and Flatbush. Next year they intend to adopt the Philadelphia plan, that is, to live on the alleys for a while. We cannot understand why Mellis and Burns and several others of the best bowlers went to pieces. There must have been some terrific missionary work done. Well, never mind, there's a good time coming. We forgive everybody, so long as the vote was unanimous for 1900.

O'Mara has some innovations to propose for the next contest, which will, if adopted, add considerably more interest to the affair.

It must have been some crusty old bachelor who suggested leaving the girls out of the photographed group. It was a most ungallant act; special efforts will be made to please the ladies next year.

A Fire.

Fire broke out in the basement of the Peter Henderson Co.'s seed store, at 35 Cortlandt street, at two o'clock Sunday morning last. The tin ceiling of the basement saved the large store from total destruction. As it was, in the neighborhood of \$15,000 worth of damage was done to the general merchandise stock. Timely work of the firemen prevented any damage being done to the seeds, and fortunately all the bulbs were in the Jersey City storehouses. The fire is supposed to have originated from defective electric wires in the basement. All is fully covered by insurance and business will continue as usual at the same old stand.

Various Items.

H. Merkel, formerly with Pitcher & Manda at Short Hills, will have charge of the plant department of the New York Zoological Gardens, which are being located at 183rd street, Southern boulevard and Bronx park. A greenhouse will shortly be erected there for the propagation of bedding stock.

S. McClements, of the firm of Randolph & McClements, Pittsburg, with wife and family, arrived here on the Majestic after a most enjoyable trip to Europe.

Bloomington Bros. gave away 35,000 gladiolus flowers to their customers at their store on Saturday, August 19.

Business is at a dead calm. Prices are unmentionable, and the weather is intolerably hot.

The bowling club has adjourned for the summer. WERA.

CHICAGO.

The Market.

There is little change from last week in market conditions. Up to very recently most of the best roses have been from old stock, and evidently the last of this has now been thrown out. So with few exceptions good shipping roses are shorter than ever in supply. Those who replanted early are cutting flowers that are rapidly improving in quality. There

seems plenty of lower grade stuff from very young plants.

The hot weather has about finished the sweet peas and gladiolus are also shortening up. Tuberoses of good quality are coming in freely.

W. E. Lynch is receiving very large consignments of adiantum ferns.

Bassett & Washburn are cutting some excellent roses from their young stock, which was planted in early.

Various Items.

Mr. E. E. Pieser, of Kennicott Bros. Co., left Saturday for Old Mission, Mich., and expects to remain there a month.

Theo. Arndt opened a floral store at 1315 Jackson boulevard last Tuesday. Geo. Baldwin will open a retail store in Oak Park about Sept. 1.

Geo. Stollery brought all kinds of bowling prizes home with him from Detroit. Chicago got the high individual score even if it did lose third place in the contest.



The accompanying portrait of our own Edgar Sanders is reproduced from the Detroit Journal. The artist must have got in his work when our youngest member was viewing the Canadian shore from the excursion boat, and the wind was blowing through the drapery.

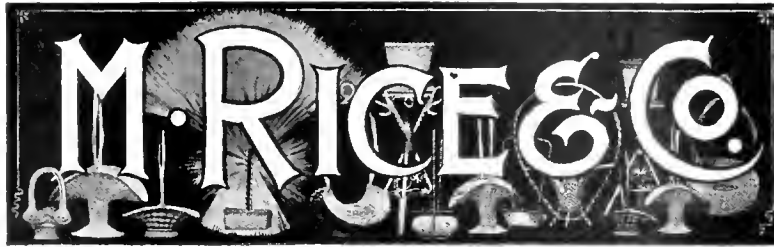
Club Outing.

The next outing of the Florists' Club will be taken next Thursday, Aug. 31, and the objective point is the establishment of the Chicago Carnation Co., Joliet, Ill., by special invitation.

The cars will leave the Union depot at 11:45 a. m., arriving at Joliet at 1 p. m. Returning the train starts at 6:30 p. m., reaching Chicago at 7:45. Ladies are cordially invited. Refreshments will be served in the fine old woods on the place. Further particulars as to round trip tickets will be sent to members by mail.

SEE pages 328 and 329 for group photograph of the S. A. F. at Detroit.

**MAKE OUR PLACE
YOUR
HEADQUARTERS.**
We are always glad
to see you.



**Finest
Floral Catalogue
for the asking.**
Write, Wire,
Phone or Call.

.....EXPANSION.....

of our increasing business is best emphasized by our removal to our
**NEW CENTRALLY LOCATED
FIVE-STORY BUILDING.....918 Filbert Street**
where we now have the **LARGEST** and **HANDSOMEST** quarters of any
Florists' Supply House in America.

Broad Business Ideas made the expansion of our business necessary. Up-to-date Florists keep in close touch with us.

A FEW OF OUR LEADERS:

Our famous and unexcelled **WHEAT SHEAVES, PALM or CYCAS LEAVES** (both dull or natural and glazed finish); **NEW CROP CAPE FLOWERS** (fine and large); **BASKETS, HAMPERS, POT COVERS, PLANT STANDS, IMMORTELLS, DOVES, CHENILLE, FOIL, METAL DESIGNS, ARTIFICIAL FLOWERS and LEAVES, DRIED GRASSES, etc.**

M. RICE & CO.

Importers and **FLORISTS' SUPPLIES, 918 Filbert St., PHILADELPHIA, PA.**
Manufacturers of

Mention The Review when you write.

PRIMROSES.

(Chinese), 3 colors; (Obconica Hybridum), (Obconica Fimbriatum), 3-inch pots, fine stock, ready for 5-inch pots, \$5.00 per 100.

ROSES-the Bride.

3½-inch pots, as strong as generally sold from 4-inch pots, \$5.00 per 100.

CYCLAMEN.

Finest strain, in four colors, 2½-inch pots, \$5.00 per 100.

Chrysanthemums.

We still have a quantity of the best varieties suitable for late planting. Our selection, from 2-inch pots, \$2.50 per 100; \$20.00 per 1,000; 250 at 1,000 rate.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

PANSIES

The Jennings Strain of finest American Grown Pansies are considered by many florists to be the leading strain to date. All large flowering and of the most brilliant colors, and are sure to give satisfaction. Finest mixed seed, \$1 pkt., \$3 per ½ oz., \$5 per oz. Finest white, yellow, black and blue, 50c pkt. of 1500 seeds. Cash with order.

E. B. JENNINGS, Southport, Conn.
Lock Box 254. Grower of the Finest Pansies.
Mention the Review when you write.

HOW TO GROW Chrysanthemums..

82 pages, well illustrated. A practical compilation of matter contributed by many of the leading experts of the day. By far the best work on this subject ever written. It contains instructions for each month in the year, also chapters on Training, Diseases, Seed Saving, etc.

Only 25 Cents. Published by **AMERICAN GARDENING, 133 Liberty Street, NEW YORK.**

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CHINESE PRIMROSES.

Ready for 3-in. pots. Well known throughout the United States and Canada as the finest large flowering fringed varieties grown. Singles, named colors, \$2.50 per 100, \$40.00 per 1000. Doubles, named, \$4.00 per 100, \$35.00 per 1000. Extras added to help pay expressage. Strictly cash prices.

THE HOME OF PRIMROSES. JOHN F. RUPP, Shiremanstown, Pa.

Mention the Review when you write.

Herr's Pansies.

A customer who bought 100 last season, writes: — Book my order for 10,000 to be delivered October 1st, if as good as last season.

PLANTS ONLY.

Price, free by mail 75c per 100; 250 for \$1.50; 500 for \$2.50. By express, \$4.00 per 1,000.

ALBERT M. HERR, Lancaster, Pa.

Always mention the Florists' Review when writing advertisers.

Zirngiebel Giant Pansy.

Seed is \$1.00 for trade pkt., or \$5.00 per oz. Also plants of the above at the same rate as common varieties, \$5.00 per 1,000, securely packed to go any distance. Large transplanted plants, for winter bloom, at \$2.00 per 100.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

Pansies WORTH RAISING....

Excellent Seed, 3-16-oz. \$1.00; 1-oz. \$4.00. Cash with order.

G. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.

Always mention the Florists' Review when writing advertisers.

MILWAUKEE.

All the conventionists have returned and in their praises of the good time they had some of the stay-at-homes wish they had gone. On account of one of the members of the bowling team being suddenly called home the team was unable to enter in the matches for the cup and other prizes, but the Oriental part of the convention, in which all the Milwaukeeans took part, furnished enough amusement to carry them through until the next meet in New York. Regrets are heard on all sides at the accident to J. Austin Shaw and hopes are expressed that it is not as serious as first reported. C. C. Pollworth was well pleased with business in their improved cut flower box, and also on palm stock, of which he exhibited the best commercial sizes and varieties adapted for the western market. The bowlers will keep up their weekly practice and expect to go to Chicago during the mum show and even up with the Chicago boys for what they did while up here.

Trade during August so far has not been so good as July and this is due principally to the large amount of funeral work during the latter month. E. F. Lemke, of St. Paul, stopped off a few days, visiting friends and relatives. O. Bauman, of Manistee, is also spending a few days here. A. N. Kinsman, of Austin, Minn., dropped in today on his way home. Mr. Kinsman left home the 11th. Railroads and cut rates cut no figure with him while he can stride a bicycle. He arrived at Detroit at the opening of the convention and is now wheeling home. He will make a stop of one day here and expects to be home again Friday. He rides an 84 gear, and with favorable weather and roads makes 100 miles and over daily. GEO. W.

SPRINGFIELD, ILL.—Steps are being taken to hold a flower show here next November.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR SALE—A bargain, if taken at once. \$150.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

FOR SALE—Second-hand Devine hot water boiler, 9 feet long, 23 flues; will sell cheap for cash. Address A. Pedersen, Oak Park, Ill.

WANTED—Assistant foreman, must be good, rapid propagator, capable of taking charge of plant department. Address Crabb & Hunter, Grand Rapids, Mich.

WANTED—Position as foreman by a good all-round florist, 6 years foreman in present place. Address A. C., care of Florists' Review.

WANTED—To rent, a few small greenhouses, must be on the North Side, Chicago. Address 20, care of Florists' Review.

WANTED—A good florist to work in retail flower store; sober; good salary to good man. Address 75, Florists' Review, Chicago.

FOR SALE—About 40 sash, 3 x 6 feet, painted and glazed. \$1.75 each. Daniel Branch, 40th St. and Indiana Ave., Chicago.

Clear Cypress Greenhouse Material.

This *with us* means the best growth of Cypress Lumber and the best grade of that growth; and from this grade all the sap—bright sap, which only experts can detect—as well as stained sap, knots and other defects cut out. Others do not equal our quality if they do beat our prices. It is not hard to see the reason: You can not buy gold dollars at fifty cents each. Experienced growers know that the best is not too good and cheapest in the long run.

Write for Circulars or Estimates.

Lockland Lumber Co.,
LOCKLAND, O.

Mention The Review when you write.

5,000 Begonia Rex and 5,000 Primroses, EXTRA FINE.

POT PLANTS.

Begonia Rex, assorted, 2 1/4-inch	\$4.00 per 100	English Ivy, 2 to 3 feet	\$5.00 per 100
" " named	6.00 "	Manettia bicolor, 3-in	6.00 "
Begonia Tuberosus, 2 1/4-inch	5.00 "		
Lemon Verbena, 2 1/4-inch	3.00 "	GERANIUMS—2 1/4-in. Sweet Scented,	
Impatiens Sultana, 2 1/4-inch	3.00 "	Mrs. Pollock, Pansy,	4.00 "
Primrose, Chinese, 2 1/4-in., Extra Fine strain	3.00 "	Mrs. Parker	6.00 "

ROOTED CUTTINGS.

GERANIUMS—Assorted	\$1.50 per 100	Abutilon Var, Trailing	\$2.00 per 100
Mixed	1.25 "	Begonia Rex	2.00 "
Mars, Happy Thought,	3.00 "	" Incarnata Gigantea	2.00 "
Mrs. Pollock	2.00 "	" Flowering	2.00 "
Mrs. Parker	4.00 "	Impatiens Sultana	2.00 "
Silver Leaf, Rose Scented, Ivy	1.50 "	Manettia bicolor	2.00 "
Mme. Salleron	1.25 "	Lemon Verbena	1.50 "
Freak of Nature	4.00 "		

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Mention The Review when you write.

75,000... FIELD GROWN CARNATIONS

Extra fine plants, all carefully disbudded. Ready September 1st.
For prices address

H. W. BUCKBEE,
Forest City Greenhouses. ROCKFORD, ILL.

Mention The Review when you write.

FIELD GROWN CARNATIONS.

BEST NEW AND STANDARD VARIETIES. Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

Field Grown CARNATIONS.

Nice, strong plants. White Cloud, \$5.00 per 100; Daybreak, \$3.50 per 100. Cash with order.

Mrs. ELIZABETH KUNTZ,
352 South First Street, - - FRANKFORD, IND.
Mention The Review when you write.

FOR SALE—

Lease of 5,000 feet of commercial glass and stock for same. Good condition. Chicago suburb.

Apply to 40, care of Florists' Review.

Mention the Review when you write.

IF YOU have any surplus stock to offer to the trade remember that you can sell it most quickly and cheaply through an offer in the Review's Classified Plant Ads.

Dreer's Special Offer of Araucarias.



Araucaria Excelsa.

We have this season an exceptionally large stock of Araucarias, clean, well-grown plants of exceptional value.

Araucaria Excelsa.

4-inch pots, 8 to 10 inches high, 2 to 3 tiers.....	\$.60 each.
5-inch pots, 12 to 14 inches high, 3 tiers.....	1.00 each.
6-inch pots, 15 to 18 inches high, 3 to 4 tiers.....	1.25 each.

Araucaria Excelsa Glauca.

6-inch pots, 12 to 15 inches high, 3 tiers.....	\$1.25 each.
7-inch pots, 15 to 18 inches high, 3 to 4 tiers.....	1.75 each.

Araucaria Robusta Compacta.

5-inch pots, 6 to 8 inches high, 2 to 3 tiers.....	\$1.25 each.
6-inch pots, 12 inches high, 3 tiers.....	1.50 each.
7-inch pots, 18 inches high, 3 to 4 tiers.....	2.00 each.

For a full line of Decorative Plants and other Seasonable Stock see our Quarterly Wholesale Trade List.

HENRY A. DREER,

714 Chestnut St., PHILADELPHIA.

Mention the Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

JUST ARRIVED - FRESH SEEDS OF

Kentia Belmoreana,
\$4.00 per 1000 Seeds.
Kentia Forsteriana,
\$4.00 per 1000 Seeds.
White Unsold.

J. M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention the Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**
FOR PARTICULARS ADDRESS
JOHN G. ESLER, Sec'y, SAODLE RIVER, N. J.

30,000 SMILAX, from 2-in. pots, fine strong plants, \$1.50 per 100; \$13.00 per 1000. Hydrangea Otaksa from 4-in. pots, \$8.00 per 100. Cash with order.

FRED BOERNER, Cape May City, N. J.
Mention The Review when you write.

WESTERN HEADQUARTERS FOR..... FLORISTS' SUPPLIES, PALMS, FERNS, WIRE WORK, CUT FLOWERS, ETC.

Use MASTICA for Building and Repairing your Greenhouses.

Write for samples and prices of our

Improved Folding Cut Flower Box.

ELLIS & POLLWORTH, - MILWAUKEE, WIS.

Mention The Review when you write.

Auction Sale, August 30th, of 60,000 DECIDUOUS TREES, 75,000 EVERGREENS, also Shrubbery and Vines.

This is a clearing out sale of fine, young, vigorous stock. Nothing reserved. Ground must be cleared regardless of price.

Sale takes place at 10:30 A. M., rain or shine. Send for list.

C. RIBSAM & SON, TRENTON, N. J.

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CABBAGE PLANTS.....
Field grown, 15c per 100, \$1.00 per 1000;
if by mail, add 10c per 100.

Write for prices on large lots for fall planting.
Parsley. Strong plants, 35c per 100, \$2.50 per 1000; if by mail, add 20c per 100.
Other Vegetable plants in season. Cash with order.

E. VINCENT, JE. & SON,
White Marsh, Md.

Mention The Review when you write.

CRABB & HUNTER,
Violet Specialists.

Orders booked now for FIELD-GROWN Plants, write for prices.
Bridesmaids, a few hundred fine plants cheap. 4-in. pots, \$5.00 per 100. Quick! Who wants them?
Smilax, from 2½-inch pots, good, bushy plants, \$1.25 per 100.

GRAND RAPIDS, MICH.
Mention The Review when you write.

ST. LOUIS.

Convention Echoes.

The delegation from Detroit arrived home in disjointed parties; some left as early as Thursday, others Friday night and a few stragglers on Sunday night. The boys were much disappointed in not winning the cup but find great consolation in knowing they came in ahead of the much touted Buffalos. Second place is not so bad; only 68 pins behind the winners. We were defeated fair and square and we hope for better luck the next time.

Our delegation is loud in praise of Detroit and the generous, hearty welcome to all its visitors. The untiring efforts of the local club made everybody feel at home and too much cannot be said.

The Market.

Business is picking up a little and shipping trade seems to be reviving; the outlook is better, though most of the business is confined to funeral orders.

In roses some fine Kaisersins, Brides and Maids are seen, from \$2 to \$4 per 100 is the price. Beauties are not good and only a limited number of good ones come in. Carnations are very scarce and in good demand; asters have shortened in supply, common stock bringing 50 cents; extra quality, in white and purple, bring \$1; sweet peas have disappeared; gladiolus and tuberosa stalks are a glut and sell very cheap.

Bowling.

On arriving home we found to our great surprise that the younger element among the florists had organized what they call the Junior Florists' Bowling club, made up of employees of the different florists. They played their first game Monday night. Frank Ellis is president, A. Y. Ellison, secretary and Wm. Holtz, treasurer. They will roll every Tuesday night at the Grand alleys. They claim by the time cold weather sets in they will be in shape to beat the older club. They also expect to send a team to New York next August. The scores were as follows:

	1.	2.	3.	Tot.	Avg.
Wm. Holtz	71	152	134	357	119
A. Y. Ellison	109	106	135	342	114
F. Ellis	121	88	109	319	103
W. Adels	112	104	85	302	100 2-3
H. Bettsken	87	105	104	294	98
F. H. Weber	92	85	85	273	91
J. Arado	61	104	109	265	88 1-3
G. Augermeller	67	104	79	251	87

J. J. B.

CUT FLOWER BOXES.

Edwards & Docker, Philadelphia, made a fine display of their cut flower boxes at the Detroit convention, and they were very favorably commented upon by the trade visitors.

KINGSTON, N. Y.—Valentin Burgevin's Sons have erected three new houses covering a space of 2,600 square feet.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.

Mention the Review when you write.

REINBERG BROS.
Wholesale Growers of... **CUT FLOWERS.**
800,000 feet of Glass.
Headquarters for fine AMERICAN BEAUTIES.
51 Wabash Avenue, CHICAGO.
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Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in **CUT FLOWERS**
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

W. E. LYNCH
Wholesale Florist,
19-21 E. Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL
Telephone 1496 **Wholesale Florist**
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
Mention the Review when you write.


J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
Wholesale and Commission Florists. Consignments Solicited.
41 Randolph St., CHICAGO.
Mention The Review when you write.

WIRE Rose Stakes,
Straight or Looped and Pointed.
ALSO
THE MODEL EXTENSION CARNATION SUPPORT.
Lancaster, Pa., June 17, 1899.
Mr. Theron Parker.
Dear Sir: Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other specialties are as good they should make another addition to the money-makers of 1900.
Very respectfully,
ALBERT M. HERR.
Samples and Prices on application to
The Model Plant Stake Co.
226 No. Ninth Street. BROOKLYN, N. Y.
Mention The Review when you write.

THE MODEL ROSE STAKE, LOOPED AND POINTED.
THE MODEL PLANT STAKE. For Lilies and All Pot Plants.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.


H. Berning G. Florist,
WHOLESALE FLORIST,
1322 Pine Street, ST. LOUIS, MO.
Mention the Review when you write.

ELLISON & TESSON,
WHOLESALE SHIPPING
FLORISTS
3134 Olive Street, ST. LOUIS, MO.
...Home Grown Stock...
Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of **CUT FLOWERS** at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: **906 Grand Ave., KANSAS CITY, MO.**
Greenhouses; Pleasant Hill, Mo.
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416 Walnut St. CINCINNATI, O. Wholesale Florists
Consignments Solicited.
Special Attention Given to Shipping Orders.
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KENNICOTT BROS. CO.

Wholesale Cut Flowers
and Florists' Supplies.

42 and 44
Randolph St., CHICAGO.

Mention the Review when you write.



Wabash Ave., Chicago.

W. S. HEFFRON, Mgr.

Mention The Review when you write.

FIRST CLASS

Rose Stock.

I have left —

Brides, 3-in. 1000 Bridesmaids, 3-in.
Strong, well seasoned stock,
which I offer to the trade at
\$5.00 per 100, \$60.00 per 1000.
Samples sent.

V. SMITH, 339 Pittsburg, Pa.
Sixth Ave.,

Mention the Review when you write.

1,000 Rose Plants

copy our propagating houses and **MUST**
BE MOVED AT ONCE to make room for
1,000 Verbena and Petunia Cuttings.

order to move this stock quick we will fill
at half value for thirty days. Every plant
needed as fine as you ever saw, out of 3 1/2 and
pots. Meteors, Brides, Perles, Maids and
ranch, at **\$4.00 per 100**, cheap at \$8.00,
and Mrs. Garrett, strong, 3-inch, at same
First come, first served.

3,000 Field Carnations, standard sorts,
per 100. Fine plants.

nilax, extra strong, ready to string, \$1.00
0. Fine strings, 8 feet long. 15c,
ish with order.

h Side Floral Co., Springfield, Ill.

Mention The Review when you write.

d Cuttings of Carnations ALL SOLD.

We are booking orders for
Field Grown Plants.

HANCOCK & SON, Grand Haven, Mich.
Mention The Review when you write.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES:

We have the
LARGEST WHOLESALE
House in Chicago.

**Orchids, High-Grade Roses,
Carnations and Violets.**

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

WE HAVE LEFT THE FOLLOWING

Choice Rose Plants

THAT ARE AS NICE AS CAN BE GROWN IN EVERY WAY, which we are
anxious to sell at a very low price to make room.

We guarantee them first class in every respect.

4,000 Beauties,	3-inch pots, at	5 cts.	2,300 Brides,	3-inch pots, at	4 cts.
1,400 Bridesmaids,	4 "	5 cts.	500 Brides,	2 "	2 cts.
2,000 Bridesmaids,	3 "	3 cts.	1,600 Meteors,	3 "	3 cts.
6,500 Bridesmaids,	2 "	2 cts.	500 Meteors,	2 "	2 cts.
700 Brides,	4 "	5 cts.			

All stock is free from disease, strong and healthy.

Shipments to be made from our Greenhouses at Hinsdale, Illinois.

Bassett & Washburn, 78 Wabash Ave. Chicago.

Mention The Review when you write.

FIRST QUALITY FORCING ROSES == PERFECTLY HEALTHY and grown especially for late planting.

Only selected growth from flowering shoots used in propagating.

SUNSETS.	SAFRANO.	PRESIDENT CARNOT.	KAISERIN.	METEOR.
MAIDS.	WOOTTONS.	PERLES.	MME. HOSTE.	

3-inch pots, \$7.00 per 100; 4-inch pots, \$10.00 per 100.

400 Grafted BRIDESMAIDS, 3 1/2-inch pots, \$12.00 per 100.

Mention The Review when you write.

J. L. DILLON, BLOOMSBURG, PA.

Brides and Maids

250 Brides } Good 4-inch,
150 Maids } \$4.00 per 100. CASH.

JOHN WELSH YOUNG,
Upsal Station, Penna R. R. Germantown, Pa.

Mention The Review when you write.

To Close Out.

BRIDES AND MAIDS. Guaranteed best plants,
3 and 3 1/2-inch pots,
\$15.00 and \$25.00 per 1,000.

Morton Grove Greenhouses,

Paul Kreismann, 27 Market St., Chicago.

Mention The Review when you write.

SEND IN YOUR ORDER NOW

for a copy of the FLORISTS' MANUAL.

Always Mention the...

Florists' Review

When Writing Advertisers.

ST. LOUIS.

Convention Echoes.

The delegation from Detroit arrived home in disjointed parties; some left as early as Thursday, others Friday night and a few stragglers on Sunday night. The boys were much disappointed in not winning the cup but find great consolation in knowing they came in ahead of the much touted Buffalos. Second place is not so bad; only 68 pins behind the winners. We were defeated fair and square and we hope for better luck the next time.

Our delegation is loud in praise of Detroit and the generous, hearty welcome to all its visitors. The untiring efforts of the local club made everybody feel at home and too much cannot be said.

The Market.

Business is picking up a little and shipping trade seems to be reviving; the outlook is better, though most of the business is confined to funeral orders.

In roses some fine Kaiserins, Brides and Maids are seen, from \$2 to \$4 per 100 is the price. Beauties are not good and only a limited number of good ones come in. Carnations are very scarce and in good demand; asters have shortened in supply, common stock bringing 50 cents; extra quality, in white and purple, bring \$1; sweet peas have disappeared; gladiolus and tuberosa stalks are a glut and sell very cheap.

Bowling.

On arriving home we found to our great surprise that the younger element among the florists had organized what they call the Junior Florists' Bowling club, made up of employees of the different florists. They played their first game Monday night. Frank Ellis is president, A. Y. Ellison, secretary and Wm. Holtz, treasurer. They will roll every Tuesday night at the Grand alleys. They claim by the time cold weather sets in they will be in shape to beat the older club. They also expect to send a team to New York next August. The scores were as follows:

	1.	2.	3.	Tot.	Avg.
Wm. Holtz	71	152	134	357	119
A. Y. Ellison	100	106	133	342	114
F. Ellis	121	88	100	309	103
W. Adels	112	104	86	292	100 2-3
H. Betteken	87	103	104	294	98
F. H. Weber	82	95	86	263	88
J. Arado	61	104	100	265	88 1-3
G. Augermeller	67	104	90	261	87

J. J. B.

CUT FLOWER BOXES.

Edwards & Docker, Philadelphia, made a fine display of their cut flower boxes at the Detroit convention, and they were very favorably commented upon by the trade visitors.

KINGSTON, N. Y.—Valentin Burgevin's Sons have erected three new houses covering a space of 2,600 square feet.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.

Mention the Review when you write.

REINBERG BROS.

Wholesale Growers of... **CUT FLOWERS.**

800,000 feet of Glass.
Headquarters for fine AMERICAN BEAUTIES.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

W. E. LYNCH
Wholesale Florist,

19-21 E. Randolph St. CHICAGO.

Mention The Review when you write

A. L. RANDALL
Telephone 1496 Wholesale Florist

4 Washington St., Chicago.

In our new and enlarged quarters we are better prepared than ever to handle your orders.

Mention the Review when you write.

WHOLESALE DEALER IN
GROWER OF ROSES. CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St., CHICAGO.

Mention The Review when you write.

WIRE Rose Stakes

Straight or Looped and Pointed.

ALSO

THE MODEL EXTENSION CARNATION SUPPORT

Lancaster, Pa., June 17, 1896.

Mr. Theron Parker.
Dear Sir: Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers who better known. I consider it the best in the market, and if your other specialties are as good they should make another addition to the money-makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on application to

The Model Plant Stake Co

226 No. Ninth Street,
BROOKLYN, N. Y.

Mention The Review when you write

C. A. KUEHN WHOL FLORI

Cut Flowers and Florists' Supplies

Manufacturer of the Patent Wire Clamp Designs. A full line of supplies always hand. Write for catalogue and price

1122 PINE STREET, ST. LOUIS

Mention The Review when you write



H. Bern G.

WHOLESALE FLORIST,

1322 Pine Street,
ST. LOUIS

Mention the Review when you write

ELLISON & TESS

WHOLESALE SHIPPING

FLORISTS

3134 Olive Street, ST. LOUIS

...Home Grown Stock...

Mention the Review when you write

Maplewood Cut Flower Plant Co.

GEO. M. KELLOGG, Pr

Growers of **CUT FLOWERS** at Wholesale

Regular shipping orders given special attention have the largest plant west of Chicago.

Store: **906 Grand Ave., KANSAS CITY**
Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write

Cincinnati Cut Flower Co.

W. A. MA FRANK W

416 Walnut St. Wholesale Florist
CINCINNATI, O.

Consignments Solicited. Special Attention Given to Shipping Orders

Mention The Review when you write

KENNICOTT BROS. CO.

**Wholesale Cut Flowers
and Florists' Supplies.**

42 and 44
Randolph St., **CHICAGO.**

Mention the Review when you write.



51 Wabash Ave., Chicago.

W. S. HEFFRON, Mgr.

Mention The Review when you write.

FIRST CLASS

Rose Stock.

I have left —

300 Brides, 3-in. 1000 Bridesmaids, 3-in.

Strong, well seasoned stock,
which I offer to the trade at

\$5.00 per 100, \$60.00 per 1000.
Samples sent.

A. W. SMITH, ³³⁹_{Sixth} Pittsburg, Pa.
Ave.,

Mention the Review when you write.

12,000 Rose Plants

occupy our propagating houses and **MUST BE MOVED AT ONCE** to make room for 50,000 Verbena and Petunia Cuttings.

In order to move this stock quick we will fill orders at half value for thirty days. Every plant guaranteed as fine as you ever saw, out of 3½ and 4-inch pots. Meteors, Brides, Perles, Maids and La France, at \$4.00 per 100, cheap at \$3.00. Beauty and Mrs. Garrett, strong, 3-inch, at same price. First come, first served.

20,000 Field Carnations, standard sorts, \$3.50 per 100. Fine plants.

Smilax, extra strong, ready to string, \$1.00 per 100. Fine strings, 8 feet long, 15c. Cash with order.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

Rooted Cuttings of Carnations **ALL SOLD.**

We are hooking orders for Field Grown Plants.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention the Review when you write.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES:

We have the
LARGEST WHOLESALE
House in Chicago.

Orchids, High-Grade Roses,
Carnations and Violets.

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

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WE HAVE LEFT THE FOLLOWING

Choice Rose Plants

THAT ARE AS NICE AS CAN BE GROWN IN EVERY WAY, which we are anxious to sell at a very low price to make room.

We guarantee them first class in every respect.

4,000 Beauties,	3-inch pots, at 5 cts.	2,300 Brides,	3-inch pots, at 4 cts.
1,400 Bridesmaids, 4	" " 5 cts.	500 Brides, 2	" " 2 cts.
2,000 Bridesmaids, 3	" " 3 cts.	1,600 Meteors, 3	" " 3 cts.
6,500 Bridesmaids, 2	" " 2 cts.	500 Meteors, 2	" " 2 cts.
700 Brides,	4 " 5 cts.		

All stock is free from disease, strong and healthy.

Shipments to be made from our Greenhouses at Hinsdale, Illinois.

Bassett & Washburn, 78 Wabash Ave. Chicago.

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FIRST QUALITY FORCING ROSES == PERFECTLY HEALTHY and grown especially for late planting.

Only selected growth from flowering shoots used in propagating.

SUNSETS.	SAFRANO.	PRESIDENT CARNOT.	KAISERIN.	METEOR.
MAIDS.	WOOTTONS.	PERLES.	MME. HOSTE.	

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250 Brides } Good 4-inch,
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BRIDES AND MAIDS. Guaranteed best plants, 3 and 3½-inch pots, \$15.00 and \$25.00 per 1,000.

Morton Grove Greenhouses,

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Always Mention the...

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When Writing Advertisers.



Group Photograph of those in attendance at the D

BUFFALO.

The Convention.

We are bowed down with grief. We fell with that sickening thud like a raw clam on the sidewalk. Our spirit is broken, our bodies are numb and our mental faculties are deadened with what is called bowlers' paralysis. Under these conditions how can I be expected to write cheerfully, and unless you do, your effusions are not worth looking at. My experience with the pen is that unless you "feel like it" you had better drop your pen and go hoeing or butting glass. I would like to review some of my impressions of Detroit and the Convention, but it must be in a mechanical way for without resorting to stimulant, which I never will, I cannot shake off the benumbing effects of that concussion which befell us.

No wonder they call Detroit the Convention City; it is ideal for that purpose. I was no stranger there. No city has such a magnificent lot of squares and breathing places right in the business part of the city, and what other city of its size would have across its City Hall in large electric lighted letters "Welcome to Society of American Florists." The hotels are grand. When a visiting member says: "I don't see how the Cadillac can give such service for the money" it must indeed be satisfactory, and I wish to say for the modest little St. Clair that no better hotel was ever conducted;

moderate in price, tables overflowing with the best, fireproof building and the quickest and most cheerful of service. We believe the report of the secretary will show a large and paying attendance. The list of members present published in a contemporary gives only a partial accounting. Members continued to arrive up to the last day. There were 30 from this little town and vicinity.

Perhaps the business done at the convention was light, but that did not make it any the less enjoyable for those in attendance. The Executive Committee have cut out the reading of long essays perhaps wisely, but when they are read by such voices as Sullivan, O'Mara and Ward they are enjoyable as well as instructive and keep the audience in their seats. Just here I will offer to the Executive Committee the advisability, or even necessity, of having a doorkeeper. If a man of some authority opened and closed the door with an impressive look and a deacon-like whisper of admonition to walk as gently as possible the rear of the hall would not be in such a hubbub all the time, resembling more a promenade concert than a business convention. Some men are gifted with more powerful voices than others; others though not so loud have the attribute of clearness and penetration. Such is the neat little voice from Queens, N. Y., but all have the power of trying if they will only try to make themselves heard and not

drop their voices down to the conversational tone suited only for the small but select confines of the Ananias Society. A small electric battery with wire attachment to some tender spot in the anatomy of the speaker to be turned on by the door keeper when occasion called for it would do much to interest the audience.

It seemed to me the exhibition was splendidly managed and we never had a more complete one. It was a truly trade exhibit.

What city in the country has such opportunities for bowling? None that I know of. And that boat ride up the river was greatly enjoyed. There was a dozen hard working men aboard who spent two solid hours perfecting arrangements for the great bowling tournament and if we had not done so we would be bowling yet. Although there was a good gathering on deck on the return journey and a few members had an opportunity to express their thanks and gratification for the pleasures we were receiving, and hear our beloved old comedian recite in his best style "Me and God," yet it is a pity there was not an opportunity where every soul attending and every member of the Detroit Club could have been brought together to receive the hearty and sincere thanks which I am sure all members would have liked to have expressed.

We enjoyed the week immensely all the better for being what some may



Convention of the Society of American Florists.

call quiet for some people. That's the way to enjoy it; have no big heads, no remorse and no regrets. The boisterous hilarity was only in spots and in spots we enjoyed it. The melodies of the Chicago quartette were well received and greatly added to the enjoyment of the crowd wherever assembled. They are a vigorous throated lot of young men and for those that like that sort of thing it is just the sort of thing to have.

The shooting rap that Robert Craig gave the sporting element in the person of John Burton and George Anderson was only half meant, and why should we differ the slightest bit from those who attend conventions to participate, or are interested, in the bowling and shooting? Drop them and you would this year have dropped \$200.00 from your receipts, for it is a plain fact that those who are attracted by the competitive sports would not be in attendance at all. With fifty or sixty men it would be: No sports, no go.

The shooting brought out some new men. Look out, Philadelphia. Mr. Beard and Mr. Altick are worthy of your steel. But what a good and glorious example the really true gentlemanly sports of Pennville did set in letting that trophy go to Pittsburg. If John Burton Smith and George Anderson Brown had shot with their own Phillis it would have been all over. The trophy would have gone to the banks of the Delaware and the inter-

est in shooting would have been at a low ebb.

There never was such a bowling tournament, never a better place and never before such a competition. We believe that Buffalo was expected to win; not hoped for by all, but expected. We had rooters enough, the sympathy of many and a good start, but something failed us. With the writer it was not nervousness, I will swear it; it was the "glass arm" of age, and how we have aged since Omaha! Stage fright with two others, too much confidence with a fourth, and the other two need no excuses, they did well, and as long as the high average stopped in the family we are only disappointed, not discouraged, and look forward to meeting Mr. O'Mara and his team in Greater New York with blood in our eye and a spring in our thigh.

The black velvet on which the trophies were to repose has been cut up for a winter overcoat for a collie dog and the silver strings were used in a harp yesterday.

John Westcott gave us a call yesterday and so did Mr. F. R. Pierson, Mr. J. Evans, Mr. Siebrecht and Mr. Papworth of New Orleans. Mr. and Mrs. Crowe, after a month's travel, return to their home tonight. And last to arrive, Mr. C. D. Ball and family.

Finally in the hurry, flurry and excitement of a convention the hard working men of the home town got

lost in the shuffle and it would not surprise me if more than one of them thought we were an ungrateful lot. But I can assure them, and I know I voice the feelings of all my readers, that we appreciate greatly the great sacrifice of time and labor they devoted to making our stay with them one long to be remembered, and if we can't say it to them individually we are as one in our gratitude to them all. I can pick out none for special mention. The whole bunch are grand fellows and know just how to handle a convention with unclouded pleasure, save one sad incident, the accident to J. Austin Shaw, who we trust by this time has met with a speedy and complete recovery.

W. S.

PHILADELPHIA.

Trade has been very dull the past week. Cut flowers scarce. Brides and Bridesmaids 2 to 4 cents. K. A. Victoria 2 to 6 cents; Perle 1 to 3 cents; Beauties 25 cents. Carnations \$1 to \$1.50; valley, 2 to 4 cents; sweet peas, 5 cents; asters, \$1 to \$1.50; gladiolus and tuberoses, 2 to 3; asparagus, 50; smilax, 10 to 15, and cuneatum, 75 to \$1 per 100.

Visitors the past week were: Mr. Dudley, Parkersburg, W. Va.; H. C. Strobell, of the firm of Strobeli Bros. Newark, N. J. R.

"TIME is money." You can save it by consulting The Review's classified ads, when in need of stock.

J. AUSTIN SHAW.

The report in a contemporary that Mr. Shaw fractured his skull in the accident at the Oriental Hotel, Detroit, last Thursday night, or rather Friday morning, was an error. He escaped with a severe scalp wound and a slight concussion of the brain.

The accident took place in the swimming baths of the Oriental Hotel. While running around the swimming pool Mr. Shaw slipped on the wet tiled floor and struck on the back of his head, inflicting a severe scalp wound, but fortunately nothing worse. We print below a letter from Mr. Shaw under date of Aug. 21:

My Dear Grant: I have your kind favor of the 19th and I am glad to tell you that the report of my skull being fractured is incorrect, and that apart from a scalp wound and slight concussion of the brain I am in a fair way to recovery. To-night is the first time I have enjoyed any solid food for four days, and I need not tell you what a sad thing this has been for a fat fellow like me. I think I have lost about 17 lbs., and if so I could not enter the fat man's race if I wanted to.

I have had four days of headache, but I had the good luck to be unconscious the first twelve hours, so I can't tell whether I suffered during that time or not, although my nurse says I have been an exemplary patient. He has kept me full of wine and hypodermic injections, with cracked ice on the outside of my head, and I hope by Wednesday to be sitting up and by Saturday to get away from these lovable people to my home once more.

Everybody here has been very kind to me. Nearly every florist in the city has called on me. My room has been filled with flowers daily. President-elect Wood sent me two magnificent bouquets before he left for Boston. And many letters of sympathy and kindness have reached me. Please send my love to all the florists who have so thoughtfully remembered me, and tell them that I hope to be spared to welcome them to the convention in New York.

I am yours faithfully,

J. AUSTIN SHAW.

WASHINGTON.

Business now is at a standstill although there is plenty of good stock to be had. Some very nice field grown carnations are coming in. Roses bring 3 to 4 cents; carnations 1 cent; asters 1 cent. Lots of out door stock which can be bought at any price.

The heaviest wind and hail storm that any florist ever witnessed passed over this city and did a great deal of damage. Among the heaviest losers was the American Rose Co., their loss was quite severe; five houses are a total wreck. Clark Bros. and J. R. Freeman were also heavy losers.

N. Studer and J. H. Granor have returned from their European tour very much delighted with their trip.

W. R. Smith, of the Botanical Garden and W. F. Gude, of the firm of Gude & Bro., have left for an extended trip through Scotland.

Mr. Wood of Richmond, Va., was a recent visitor. F. H. KRAMER.

GALESBURG, ILL.—E. R. Gesler is building three new houses and making other improvements.



REGULAR SHIPPING ORDERS RECEIVE SPECIAL ATTENTION.

WIE TOR BROS.

Wholesale Growers of

CUT FLOWERS, 51 Wabash Ave. CHICAGO.

WHOLESALE PRICE LIST.

American Beauty, 24-inch stem ...	per doz., \$2.50	Meteor	per 100, \$3.00 to \$4.00
" 20 "	" 2.00	Bridesmaid	" 3.00 to 4.00
" 15 "	" 1.50	Bride	" 3.00 to 4.00
" 12 "	" 1.25	Perle	" 2.00 to 3.00
" 8 "	" 1.00	Carnations	" 1.00 to 1.50

We close at 5:30 p. m. during July and August.

Mention The Review when you write.

1899 CONTRACTS 1899

Now I am open to quote prices on all Bulbs, Plants and Roots for next season. Send in your list of wants for quotations.

F. W. O. SCHMITZ, JERSEY CITY, N. J.

Mention The Review when you write.

Burpee's Seeds Grow

SMITH & SMITH,

Box 369, 337 Sixth Ave. Pittsburg, Pa.

BROKERS IN

Greenhouse Real Estate, and Pipe, Glass, Fittings, and other Greenhouse construction material.

We have an exceedingly good bargain--- Suburban Greenhouses and City Store-room. Write for particulars and price.

Mention The Review when you write.

Primrose.

CHINESE PRIMROSES, single, mixed, 2-inch pots, per 100, \$2.00
 Obconica Grandiflora, 2-inch pots, per 100, \$2.50
 Forbesii, "Baby Primrose," 2-in. pots, " 4.00
 ASPARAGUS SPRENGERII, 2 1/2-in. pots, " 4.00
 CARNATIONS, field grown, " 4.00
 PANSY SEED, Benary ne plus ultra none better. Per oz., 4.00. CASH WITH ORDER.

Jos. H. Cunningham, Delaware, O.

Mention The Review when you write.

Fine Strong Plants FOR STOCK

Geranium Mme. Jaulin, 3-in., \$5.00 per 100. Peach Pink Bruant.

Mme. de la Roux, all sold.

Abutilon Savitzi, 3-in., \$5.00 per 100. A grand bedding plant, grows dwarf and bushy—capital plant to use with Crotons.

Russelia Multiflora and Elegantissima,

2 1/2-in., \$2.50 per doz. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy.

Browalia Gigantea, all sold.

Acalypha Sanderii, all sold.

READY NOW.

THE COTTAGE GARDENS, Queens, N. Y.

Mention The Review when you write.

THE REGAN ... PRINTING HOUSE ...

Nursery Seed & Florists' Catalogues

87-91 Plymouth Place, Chicago.

Mention the Review when you write.

SAMUEL S. PENNOCK, Wholesale Florist

During the summer months, commencing July 3rd, will be open from 7:30 a. m. to 6 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention the Review when you write.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 705 Penn Avenue, PITTSBURG, PA. FLORISTS' SUPPLIES. Write for Price List. Mention The Review when you write.

Field Grown Carnations..

September delivery and later.

We have a very large stock, including

G. H. CRANE, MACEO, GLACIER, and MRS. JAS. DEAN, in good, healthy condition.

Send for Price List.

F. DORNER & SONS CO., La Fayette, Ind.

Mention The Review when you write.

CHRYSANTHEMUMS....

Standard Varieties nearly sold out. See Review of July 27th for Novelties.

H. Weber & Sons, OAKLAND, MD. Mention the Review when you write.

Headquarters for..... Ericas.

Buy your Ericas in September and October and bring them in bloom yourself. Save duty and ocean freight, etc. Run no risk of getting them dead from Europe. We have 25,000 growing. Come and see them. Palms and Decorative plants in quantity. New Price List will be ready Sept. 15th.

ANTON SCHULTHEIS,

P. O. Box 78, College Point, NEW YORK CITY.

Mention The Review when you write.

1840 Old Colony Nurseries, 1899 HARDY SHRUBS, TREES, VINES, EVERGREENS and PERENNIALS.

A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap.

Trade list free on application.

T. R. WATSON, Plymouth, Mass.

Mention the Review when you write.

S MILAX. 2-inch EXTRA STRONG PLANTS. \$2.00 per 100. \$18.00 per 1000. Cash with order.

ALBERT F. AMLING, Maywood, Ill. Mention The Review when you write.

ROSES, Carnations, VALLEY FERNS, GALAX, and IVY LEAVES, and all kinds of Seasonable Flowers in Stock.



We get daily new customers because we have the reputation that all orders are punctually filled.

Long Distance Telephone 2985.

WM. F. KASTING, Wholesale Florist. 444 Sixth Ave.

All kinds of FLORISTS' SUPPLIES and WIRE DESIGNS on hand.

Mention The Review when you write.

Galax Leaves...

For Summer Use in Cold Storage. Write the Introducer,

HARLAN P. KELSEY, 1106 Tremont Bldg., - BOSTON, MASS. Mention The Review when you write.

Asparagus Plumosus

Strings 10 feet long. 50 cents. Shipped to any part of the country.

W. H. ELLIOTT, BRIGHTON, MASS.

Mention The Review when you write.

Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY. Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

Long's "Handy" Order Sheets

The practical leaders to correct order taking in hurried hours. Single sample free.

Pad of 100 sheets, mailed for 24 cents in stamps.

Ten Pads (1000 sheets), by express. \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y. Mention the Review when you write.

GIVE US A TRIAL. WE CAN PLEASE YOU.



Roses, Carnations and all kinds of Seasonable flowers in stock.

WM. F. KASTING, Wholesale Commission Florist. 481 Washington St., BUFFALO, N. Y. Also Dealer in Florists' Supplies and Wire Designs.

Mention The Review when you write.

WM. J. BAKER,

WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.

Original Headquarters for CARNATIONS.

Mention The Review when you write.

Rose Hill Nurseries.

Palms, Orchids, Roses, Ferns

AND FOLIAGE PLANTS.

Largest stock in America.

SIEBRECHT & SON,

New Rochelle, N. Y.

Mention The Review when you write.

Nephrolepis Washingtoniensis

A magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house.

3 good plants from 2-in. pots, mailed for \$ 1.00
100 " " " 3 " " expressed " 40.00
100 " " " 4 " " extra fine, 60.00

JOHN H. LEY, GOOD HOPE, D. C.

Mention the Review when you write.

Orchids.

Just received in fine condition. CATTLEYA LABIATA, C. Mossiae, C. speciosissima, C. Harrisonia violacea, C. Warneri, C. granulosa, Lelia anceps, L. a. alba, L. autumnalis, L. praestans, L. Davana and Burlingtonia fragrans.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzil. A grand bedding plant. Grows dwarf and bushy. Capital plant to use with crotons, 3-inch, \$5.00 per 100. The Cottage Gardens, Queens, N. Y.

AMARYLLIS.

Amaryllis Julia Platyphala, extra large, 70 per doz. Joseph Towell, Paterson, N. J.

The Florists' Manual, by William Scott, is complete reference book for commercial florists.

ARAUCARIAS.

We have this season an exceptionally large stock of Araucarias, clean, well grown plants of exceptional value. See our display adv. in this issue for prices. H. A. Dreer, 714 Chestnut St., Phila.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengeri, 2-inch, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$4.00 per 100. Geo. Wittbold, 1708 N. Halsted St., Chicago.

Asparagus Sprengeri. Only a few hundred left. Extra fine 5-inch, \$3.00 per doz.; \$20.00 per 100. Asparagus Plumosus Nanus, large clumps, just right for planting out in beds or strings, \$3.50 per doz.; \$25.00 per 100. E. C. McFadden, U. S. Exotic Nurseries, Short Hills, N. J.

50 A. plumosus, 2½-inch, \$7.00 per 100. 170 A. Sprengeri, 2½-inch, \$5.00 per 100. Edw. J. Taylor, Southport, Conn.

Asparagus Plumosus Nanus, 3-inch pot plants at \$6.00 per 100. Albert M. Herr, Lancaster, Pa.

Asparagus Plumosus, 3-inch, \$6.00. Asparagus Sprengeri, 2-inch, \$5.00 per 100. Geo. M. Emmans, Newton, N. J.

Asparagus plumosus, per 100, \$4.00; \$5.00; 6½-in., \$7.00. Sprengeri, 2½-in., \$5.00. Morris Floral Co., Morris, Ill.

A. Sprengeri, 2½-inch, \$4.00 per 100. Jos. H. Cunningham, Delaware, O.

2009 A. plumosus, 2½-inch, \$3.00 per 100. W. C. Brytogle, Bloomsburg, Pa.

Asparagus plumosus, all sizes. A. S. MacBean, Lakewood, N. J.

AZALEAS.

We offer all the leading varieties: First size, 10 to 12 in. diam., \$40 per 100. Select, 12 to 14 in. diam., \$50 per 100. Extra size, 14 to 16 in. diam., \$60 per 100. Specimen plants from \$1.00 each up. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

The Indian Azalea Nurseries (established 1842) is the best place in Europe to send your orders for Azalea Indica. Of 85,750 plants sold in 1898, 36,200 went to florists in the United States and Canada. Order early. Eug. Vervae de Vos, Swynaerde, Ghent, Belgium.

BEGONIAS.

5000 Begonia Rex. Assorted, 2½-inch, \$4.00 per 100; Named, \$6.00 per 100. Tuberous rooted, 2½-inch, \$5.00 per 100. Rooted cuttings: Rex, \$2.00 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

For sale, 2000 Begonia Rex, in the best varieties, from 3-inch pots, \$6.00 per 100; 2-inch, \$4.00 per 100. C. Young & Sons Co., 1495 Olive St., St. Louis, Mo.

Assorted varieties from 2-in. pots, \$2.00 per 100. Extra strong. Cash please. Edw. B. Jackson, Stamford, Conn.

Begonia Rex, full assortment. Mixed, 3-inch, \$4.00 per 100. Geo. M. Emmans, Newton, N. J.

10 flowering varieties, mixed, \$2.00 per 100. Morris Floral Co., Morris, Ill.

BOUGAINVILLEAS.

Bougainvillea G. Sanderiana. A new plant that every florist should have. Easily managed and a sure money-maker. Blooms when quite young and produces its rosy crimson flowers in great profusion. Fine for cutting in sprays or as a pot plant. Has splendid foliage. per doz. per 100.
 3 in. pot plants.....\$1.50 30.00
 3½ in. pot plants..... 2.00 20.00
 4 in. pot plants..... 2.50 20.00
 5 in. pot plants..... 3.50 30.00
 Eight 3 in. pot plants, prepaid for \$1. Cash with order. The Dunlop & Conard Co., West Grove, Pa.

BOUVARDIAS.

Strong, thrifty 2½-inch plants, double white and pink, \$4.00 per 100; single varieties, \$3.00 per 100. Nanz & Neuner, Louisville, Ky.

Bouvardias, best varieties, \$2.50 per 100. Henry Smith, Grand Rapids, Mich.

BROWALLIA.

Browallia gigantea, 2½-inch, \$3.00 per 100. Carl J. Dane, 14 Lincoln St., White-better, Mass.

"The Classified Advs. are a great convenience" is the verdict of the buyers.

BULBS.

A rare opportunity to buy a quantity of all the choicest kinds of bulbs (Guernsey Grown), at reasonable prices, for cash. Guaranteed to be first-class quality bulbs. Write for particulars.

NARCISSES:

Grandee	Spurious	Camparades
Empress	Horsfield	Pheasant Eye
Emperor	Sir Watkin	Grand Marquis
Princes	Golden Spur	Grand Solitaire
H. Having	Grand Primo	Barn Conspectus

IRIS:

Blanch Superbe, white. Blanche Fleur, white. Alex Von Humboldt, blue. Kings of the Blues, blue. Chrysolora, yellow. Mixed Iris, Calla Ethiopica. Buy these bulbs and you will be abundantly satisfied. The Grande Maison Vineries Co. Ltd., 51 W. Sydney Ave., Mount Vernon, N. Y.

Freesia Bulbs, for immediate delivery. Select mammoth bulbs, \$6.00 per 1000; First size, \$5.00 per 1000; second size, \$4.00 per 1000. California grown.

Calla Bulbs, select California grown. First size, 1¼ to 1½ in. diam., \$5.00 per 100; Select, 1½ to 2 in. diam., \$7.00 per 100; Extra select, 2 to 3 in. diam., \$9.00 per 100. Order now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Freesia alba, ¾-inch diameter and up, \$3.00 per 1000; ½-inch and up, \$5.00 per 1000 small bulbs. I guarantee all to bloom, as I have tried them. C. Ammann, 7th Ave. & 120th St., New York City.

White Romans, 12-15, \$1.75 per 100; \$11.00 per 1000. Paper White GrandHera, \$1.00 per 100, \$7.50 per 1000. Freesias, extra size, \$7.00; 1st quality, \$5.50. Dutch bulbs, etc. Griffith & Turner Co., Baltimore, Md.

Send in your order now for a copy of The Florists' Manual.

Calla Lily, medium size, fine stock, \$6.00 per 100; \$40.00 per 1000. E. C. McFadden, U. S. Exotic Nurseries, Short Hills, N. J.

Our wholesale list of Bulbs and Seeds is now ready. Send for it. H. F. Michell, 1015 Market St., Philadelphia.

Ard Righ, best and earliest Daffodil, for forcing. Write for price to Mrs. I. W. Kersey, Haywards, California.

Freesia bulbs, ½-inch, \$3.50; ¾-inch, \$2.50, 1-2-inch and under, \$1.50 per 100. J. E. Boyce & Co., Santa Monica, Cal.

Home grown lilies, about 50 kinds, also Trillium and other hardy bulbs and plants. F. H. Horsford, Charlotte, Va.

California grown bulbs. Send for our special trade list. California Nursery Co., Niles, California.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Pearl Tuberose Bulbs and Caladium Esculentum. Jas. M. Lamb, Fayetteville, N. C.

Send in your list of wants for quotations. F. W. O. Schmitz, Jersey City, N. J.

CACTUS.

A large surplus of mailing sizes at low rates. Cuttings and offsets, 50c per doz. Mrs. M. E. Patterson, Glendale, Cal.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture. Send in your order now. Florists' Pub. Co. Chicago.

CANNAS.

All the leading varieties for fall delivery. Write for prices. W. W. Coles, Kokomo, Ind.

CARNATIONS.

If you are going to be short on carnations this fall and want good stock, I have over 25,000 to select from. Flora Hill, Victor and Empress, \$8.00 and \$6.00 per 100. Bon Ton, \$7.00 and \$5.00 per 100. Lizzie McGowan, \$4.00 per 100. Sars-jusky, Gold Nugget and Evanston, \$10.00 per 100. Other 1899 novelties, Melba, America, Gen. Maceo, Gen. Gomez, G. H. Crane and Gov. Griggs, \$2.00 per dozen; \$15.00 per 100. Cash with order. W. E. Hall, Clyde, Ohio.

Field grown plants, in fine condition. Place your orders early while stock is complete. Flora Hill, Evelina, Nivea, Armazindy, McBurney, Triumph, Argyle, Jubilee and Mollie, \$5.00 per 100; \$40.00 per 1000.

McGowan, Alaska, Mavor Pingree and Tidal Wave, \$3.00 per 100; \$25.00 per 1000. Daybreak, \$4.00 per 100; \$30.00 per 1000.

White Cloud and Evanston, \$10.00 per 100; \$80.00 per 1000. Reinberg Bros., 51 Wabash Ave., Chicago.

Field grown, Portia, McGowan and Scott, extra, \$4.50 per 100; \$40.00 per 1000; 1st quality, \$3.50 per 100; \$30.00 per 1000. Daybreak and Pingree, extra, \$5.00 per 100; \$45.00 per 1000. Terms strictly cash.

The Bool Floral Co., Ithaca, N. Y.

Choice field grown plants. Daybreak, Scott, Edith Foster, Jahn's Scarlet, Flora Hill, Nivea and Eldorado, \$5.00 per 100. John Young, New York and Bon Ton, \$8.00 per 100. Cash with order and satisfaction guaranteed. Geo. F. Fuxton, Nashua, N. H.

1,000 Daybreak, ready to plant inside, \$30.00 per 1000; 3,000 Scott, ready to plant in, large size, \$45.00 per 1000; 2,000 Van Leeuwen, 2,000 Lady Emma, \$40.00 per 1000; 1,000 Maud Adams, \$50.00 per 1000. All fine, healthy stock. Charles Lenker, Freeport, L. I.

Good stock, write for prices. Roney Bros., West Grove, Pa.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

20,000 strong, bushy, field grown plants, Scott, Portia, Webb, Jacqueminot and Fisher, \$5.00 per 100; \$40.00 per 1000. Prices of new varieties on application. Cash with order from unknown parties.
Chas. L. Howe, Dover, N. H.

Field grown, very strong plants, ready now at bottom prices. Jubilee, Daybreak and Triumph, \$4.00 per 100. McGowan, Portia, Scott, Meteor, Morello and Ivory, \$3.00 per 100. Cash with order. Ed. Kirchner, Winona, Minn.

Support your Carnations with the Model Extension Carnation Support, now regarded as the standard support, and by far the best yet offered. The Model Plant Stake Co., 25 No. 9th St., Brooklyn, N. Y.

10,000 fine, healthy plants, McGowan and Scott, at \$5.00 per 100; \$45.00 per 1000. Come and look at the plants. They are fine.
J. & J. Wachtel, Catherine St., Jamaica, L. I., N. Y.

Field grown. September delivery and later. We have a very large stock including G. H. Crane, Maceo, Glacier and Mrs. Jas. Dean, in good, healthy condition. Send for price list.
F. Dornier & Sons Co., La Fayette, Ind.

Field grown. W. Scott, Tidal Wave, Victor, Alaska and Lizzie McGowan, per 100, \$6.00. Write for special price on large quantities.
J. H. Flesser, 415 Summit Ave., West Hoboken, N. J.

Now ready, Daybreak, Scott, McGowan, Eldorado, Portia, Bridesmaid, C. A. Dana, Jahn's Scarlet, T. Cartledge, A. Webb, Morello and Meteor, \$4.00 per 100, cash.
Dana R. Herron, Olean, N. Y.

John Young, Joost, Bon Ton, per 100, \$5.00, Mangold, Dana, Jahn's Scarlet and Freedom, \$6.00 per 100. Cash with order.
W. G. Kraber, 35 Tremont St., New Bedford, Mass.

Our new carnation, Gov. Griggs, field-grown fine stock, the best light pink, always in bloom, \$10.00 per 100. Scott and Victor, \$5.00 per 100.
Joseph Towell, Paterson, N. J.

10,000 field grown, ready now. New and standard varieties from \$1.00 to \$10.00 per 100. Fine plants. Write me your wants.
Carl Hagenburger, West Mentor, Ohio.

Strong field grown plants, Scott, Daybreak, McGowan, Nivea, Jahn's Scarlet, ready Sept. 1. Orders booked now.
Albert H. Brown, Westboro, Mass.

1500 Flora Hill, 800 Daybreak, 600 Triumph, 600 Jubilee, 150 Armazindy, 200 White Cloud, 300 Scott. Field grown, \$5.00 per 100.
W. Sabransky, Kenton, Ohio.

Field grown plants, ready August 15, extra fine this year. We can fill orders for any variety if we get them soon enough.
H. F. Littlefield, Worcester, Mass.

Nice, strong plants, per 100, Daybreak, \$3.50; White Cloud, \$5.00. Cash with order. Mrs. E. Kuntz, 352 So. First St., Frankfort, Ind.

Mrs. Joost, Scott and New York, ready Sept. 1. Prices on application. F. G. Mense, Glen Cove Greenhouses, Glen Cove, N. Y.

75,000 field grown, extra fine plants, all carefully disbudded, ready Sept. 1. Write for prices.
H. W. Buckbee, Rockford, Ill.

Rooted Cuttings all sold. We are booking orders for field grown plants.
Geo. Hancock & Son, Grand Haven, Mich.

20,000 field carnations, standard sorts, \$3.50 per 100.
South Side Floral Co., Springfield, Ill.

Field grown plants now ready. Send for price-list.
Wm. Murphy, Sta. F., Cincinnati, O.

Daybreak. Extra fine field grown plants, now ready for delivery, \$6.00 per 100.
John McFarland, North Easton, Mass.

1000 field grown carnations, as good as the best. Ready Sept. 1.
S. Littlefield, N. Abington, Mass.

Field plants in quantity ready in Sept. Write for prices and varieties.
Jos. Renard, Unionville, Pa.

Best new and standard varieties. Write for catalogue and prices.
W. P. Peacock, Atco, N. J.

Field grown, Empress, Evelina, Psyche and John Young. Morris Floral Co., Morris, Ill.

Postite prevents rust on carnations.
C. H. Joosten, 85 Dey St., New York.

Carnations, field grown, \$4.00 per 100.
Jos. H. Cunningham, Delaware, Ohio.

Field grown carnations, extra cheap.
Lamprecht Bros., Ashland, Ohio.

25,000 strong field grown. Write for prices.
Ben L. Elliott, Cheswick, Pa.

CHRYSANTHEMUMS.

Surplus stock of Chrysanthemums, Dailledouze, Modesto, Mrs. Fred L. Button (early white), Mme. Andre, Harry Balsley, Mrs. Weeks, Frank Hardy, Glory of Pacific, Pink Ivory, Golden Wedding, Pennsylvania, Empress of India, Lady Fitzwygram, Major Bonaffon, Mrs. Henry Robinson, Jerome Jones, Yellow Jerome Jones, Mme. Bergmann, Merry Xmas and others. All the above in 2 and 3-inch pots and fine, 2 1/2 cents each, or \$20.00 per 1,000. Cash with order.
Joy & Son, Nashville, Tenn.

All the best standard sorts. Our selection, 2-in., \$2.50 per 100; \$20.00 per 1000; 2 1/2 to 1000 rate. N. Smith & Son, Adrian, Mich.

How to grow them; 82 pages, well illustrated; only 25c. American Gardening, 133 Liberty St., New York City.

Grape Dust will check spot on chrysanthemums, and black fly too; also all sorts of mildew, etc. Sold by the seedsmen of America. Made by Hammond's Slug Shot Works, Fishkill-on-Hudson, N. Y.

Standard varieties nearly sold out. See Review of July 27th for novelties.
H. Weber & Sons, Oakland, Md.

CINERARIAS.

C. hybrida, mixed, 2 1/4-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00. Florists' Pub. Co., Chicago.

CYCLAMEN.

Strong plants in splendid condition, 2-inch, \$4.00 per 100; 3-inch, \$7.00 per 100. Cash. C. W. Cox, 2nd and Bristol Sts., Philadelphia.

Finest strain in 4 colors, 2 1/4-in., \$5.00 per 100.
N. Smith & Son, Adrian, Mich.

CYPERUS ALTERNIFOLIUS.

Strong, 3 and 4-in., \$1.00 per doz.
South Side Floral Co., Springfield, Ill.

Cyperus Alternifolius, 2-in., \$2.00 per 100.
Geo. L. Miller, Newark, Ohio.

"The Classified Advs. are a great convenience" is the verdict of the buyers.

ERICAS.

Buy your ericas in Sept. and Oct. and bring them in bloom yourself. Save duty and ocean freight, etc., and run no risk of getting dead plants. We have 25,000 growing. Come and see them. Anton Schultze's, P. O. Box 7, College Point, New York City.

Ericas for October delivery. Plants set with bud. All sizes of the best commercial sorts at reasonable prices.
H. D. Darlington, Flushing, N. Y.

FERNS.

Nephrolepis Washingtoniensis, a magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house. Three good plants from 2-inch pots mailed for \$1.00; 100 good plants from 3-inch pots expressed for \$40.00; 100 extra fine plants from 4-inch pots, \$60.00.
John H. Ley, Good Hope, D. C.

Boston Ferns. Large plants from b.n.c.n. can be grown into \$2.00 and \$3.00 plants for fall and winter trade, \$8.00 per dozen. Fern spores, large package of mixed spores, sufficient for 2,000 plants, postpaid, for \$1.00.
E. C. McFadden, U. S. Exotic Nurseries, Short Hills, N. J.

Ferns in many varieties, 3-inch, \$3.00 per 100; \$25.00 per 1000; 2 1/4-inch, \$2.50 per 100; \$20.00 per 1000. Boston Ferns, in pots and pans, 15 cts. to \$1.00. Boston spores, all fresh, 25 cts a pkt., 5 for \$1.00. All good value for cash with order.
Edw. D. Drown, Weldon, Pa.

Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rate.
Wm. A. Bock, No. Cambridge, Mass.

Adiantum Cuneatum, in 3, 4, 5 and 6-inch pots, for sale at 5, 8, 10 and 15 cts each; or will exchange for carnations, violets, palms, etc.
Chas. P. Gulick, Kingston, N. J.

Florists, within freight shipping distance of us, needing good sized ferns, will do well to correspond with McCrea & Cole, Battle Creek, Mich.

Ferns for dishes. The leading varieties only, in extra fine condition, 2-in., \$3.00 per 100; \$25.00 per 1000. Cash with order.
Geo. L. Miller, Newark, Ohio.

Boston Fern, small, \$4.00 per 100; large, \$7.00 per 100. Carl J. Dane, 14 Lincoln St., Winchester, Mass.

Pot and bench grown Boston ferns. Orders booked for fall delivery.
A. J. Baldwin, Newark, Ohio.

Boston Ferns. Genuine stock, \$5.00 per 100; \$40.00 per 1000. Not less than 250 at 1000 rate.
E. E. King, Attleboro, Mass.

Lycopodium Dent., good for design work, 2 1/4-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

FUCHSIAS.

10 varieties, mixed, 2 1/4-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

Double and single, 2 1/4-inch, \$3.00 per 100.
Wood Bros., Fishkill, N. Y.

GERANIUMS.

Sweet scented, Mrs. Pollock, Pansy, 2 1/4-inch, \$4.00 per 100; Mrs. Parker, 2 1/4-inch, \$6.00 per 100. Rooted cuttings: Assorted, \$1.50 per 100; mixed, \$1.25; Mars, Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Silver Leaf, Rose scented, Ivy, \$1.50; Mrs. Parker, Frsak of Nature, \$4.00; Mme. Sallerol, \$1.25. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

New Geranium, De Roo Mitting, 2 1/4-in., \$10.00 per 100. S. A. Nutt, Harmeine and 20 other varieties, named, 2 1/4-in., \$2.00 per 100. Harmeine and La Favorite, 3-in., \$3.00 per 100.
Morris Floral Co., Morris, Ill.

Do you want any now at first cost? Nutt, Mme. Bruant and Mrs. E. G. Hill, 2 1/2 and 3-inch pots, \$2.00 per 100.
W. E. Hall, Clyde, Ohio.

Mme. Jaullin, the peach pink Bruant, 3-inch, \$8.00 per 100.
The Cottage Gardens, Queens, N. Y.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

HARDY PLANTS.

Auction sale Aug. 30th, of 60,000 Deciduous Trees, 75,000 Evergreen Trees, also Shrubby and Vines. This is a clearing out sale of fine young vigorous stock. Nothing reserved. Ground must be cleared regardless of price. List and conditions ready Aug. 7th.
C. Ribsam & Son, Trenton, N. J.

Hardy shrubs, trees, vines, evergreens and perennials. A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap. Trade list free on application.
T. R. Watson, Plymouth, Mass.

Hardy Herbaceous Perennials. The most complete stock in America. Paconies, Phlox, Iris, Delphiniums, etc., etc.
Jacob W. Manning, The Reading Nursery, Reading, Mass.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application.
Rea Brothers, Norwood, Mass.

We are growing shrubs, roses and herbaceous plants in large quantities. Send for wholesale list.
The Elizabeth Nursery Co., Elizabeth, N. J.

Rare collected seeds of American Woody and Herbaceous plants. Ask for list and discounts.
Pinehurst Nurseries, Otto Katzenstein, Mgr., Pinehurst, N. C.

F. & F. Nurseries, Springfield, New Jersey. Wholesale growers Trees and Plants in full assortment. Trade catalogue free.

Azalea Amoena, Hardy shrubs and trees in great variety. Send for price list.
Samuel C. Moon, Morrisville, Bucks Co., Pa.

HYDRANGEAS.

Hydrangea from 4-inch pots, \$3.00 per 100.
Fred Boerner, Cape May City, N. J.

JARDINIERE PLANTS.

Cryptomeria Japonica (Japan cedar), a beautiful jardiniere evergreen; as handsome as Araucaria excelsa, for which it is often mistaken, but ten times cheaper. 4-inch pots, \$15.00 per 100. 2½-inch pots, \$9.00 per 100. 2½-inch for \$2.50, postpaid.
Jackson & Perkins Co., Newark, N. Y.

MUSHROOM SPAWN.

Fresh crop just received in fine condition. \$6.50 per 100 lbs.; \$60.00 per 1000 lbs.
H. F. Michell, 1013 Market St., Philadelphia.

ORCHIDS.

Orchids have for very many years been a specialty with the undersigned, and the collection is steadily augmented by fresh importations from the collectors of the firm. It is not easy, without seeing it, to form an adequate conception of the stock. Extent is simply immense. Quality fine. Prices moderate.
HUGH LOW & CO.,
BUSH HILL PARK NURSERY,
ENFIELD, ENGLAND.

Just arrived in fine condition. Cattleya labiata, C. Mossiae, C. speciosissima, C. Harrisoniae violacea, C. Warneri, C. granulosa, Laelia anceps, L. a. alba, L. Autumnalis, L. praestans, L. Dayana and Burlingtonia fragrans. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per pound.
W. Mathews, Utica, N. Y.

PEONIES.

A fine lot of Humel Paeonies, a very large pink. Cheap for cash. Write Williams & Sons Co., Batavia, Ill.

Fine stock for fall planting, good assortment, \$10.00 per 100; \$90.00 per 1000.
F. A. Baller, Bloomington, Ill.

10,000 Paeonies in twenty distinct varieties.
W. & T. Smith Co., Geneva, N. Y.

PALMS, ETC.

WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS.
Measurements from top of pot to top of tallest leaf.

	Pot H't.		Char.	Each.	Doz.
	in.	in.			
Latania Borbonica,	2				\$.50
"	3				1.50
"	5	16-20	5-8		.50
"	6	18-20	5-7		.75
"	7	20-24	6-8		1.00
Cocos Weddellana,	3	14-18	4-6		.25
Kentia Belmoreana,	3	5-7	3-4		2.00
"	3	8-10	4-5		.25
"	3	18-20	5-6		.75
"	5	18-20	6-7		1.00
"	6	20-25	5-7		1.50
"	7	34-38	6-7		2.50
Kentia Forsteriana,	5	20-24	4-6		.75
"	5	25-28	4-6		1.00
"	6	26-30	6-8		1.50
"	7	36-40	5-6		2.50
Phoenix Reclinata,	5	14-16	5-8		.50
"	6	16-18	7-10		.75
Pandanus Utilis,	3				1.50
"	4	12-14			3.00
"	5	14-16			5.00
Peperomia Agyrea,	4				1.50
Dracaena terminalis,	4	8-10			3.00
"	"	Fragrans,			
"	5	10-12			.50
"	"	"			.75
"	6	14-16			9.00
Araucaria Excelsa at \$10.00, \$15.00 and \$36.00 per dozen. Cycas Revoluta from 50 cents to \$15.00 each, in any quantity. Geo. Wittbold, 1708 N. Halsted St., Chicago.					

A pair of large palms! Chamaecops Excelsa. Two fine plants, large and bushy, over 25 years old. Transplanted into first-class new tubs the latter part of June. Tube cost \$10.00. A bargain. Must have room. Address, Albert E. Rissler, Box 175, Lima, Ohio.

Just arrived, fresh seeds of Kentias Belmoreana and Forsteriana, \$4.00 per 1000 seeds.
J. M. Thorburn & Co., 39 Cortlandt St., New York City.

Pandanus Veitchii, per doz., 6-in., \$12.00; 7-in., \$18.00; 8-in., \$24.00. Stock in excellent condition.
J. Welsh Young, Germantown, Pa.

Palms and Decorative Plants in quantity.
Anton Schulthels, P. O. Box 78, College Point, Queens Borough, New York.

Ficus Elastica from 6-inch pots, \$6.00 to \$9.00 per doz.
C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Scaforthia elegans, 3½-inch, \$8.00 per 100.
Carl J. Danc, 14 Lincoln St., Winchester, Mass.

Palms and Decorative Plants. Largest stock in America.
Siebrecht & Son, New Rochelle, N. Y.

Finest stock of Kentias in the west. Send for our list of Palms and Ferns.
Ellis & Pollworth, Milwaukee, Wis.

My entire stock of palms for sale at a bargain. New wholesale list ready. Send for it.
W. J. Hesser, Plattsmouth, Neb.

Latania Borbonica, 30 inches high, 5 leaves, 30c each; \$3.00 per doz.
Morris Floral Co., Morris, Ill.

Cocos Weddellana, 3-in., \$15.00 per 100. Satisfaction guaranteed. Cash with order.
Geo. L. Miller, Newark, Ohio.

Aspidistra, 4-inch, \$10.00 per 100.
Jos. Heini, Jacksonville, Ill.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

From Zirngibel's Giant Pansy seed at same rate as common varieties, \$5.00 per 1000. Securely packed to go any distance. Large transplanted plants for winter blooming, \$2.00 per 100.
Denys Zirngibel, Needham, Mass.

Pansy plants, healthy stock, \$3.00 per 1000; \$25.00 per 10,000.
H. Stahlhut, N. E. cor. New Lots Road & Shepherd Ave., Brooklyn, N. Y.

Herr's Pansies, the best strain in the world. See adv. page 323 before ordering elsewhere.

PELARGONIUMS.

Six of the best commercial varieties, mixed, 2½-inch, \$3.50 per 100. Cash.
J. G. Eisler, 20th & Ontario Sts., Phila.

If you buy from these advs. others would buy from yours.

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Double Fringed, 22 varieties, mixed, 2¼-in., \$3.00 per 100; double ruffled, 15 varieties mixed, 2¼-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

POINSETTIAS.

Poinsettias from 4 and 5-inch pots, fine stock, \$12.00 per 100.
C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

PRIMROSES.

Chinese primroses, ready for 3-in. Well known throughout the U. S. and Canada as the finest large flowering fringed varieties grown. Singles, named, \$2.50 per 100; \$29.00 per 1000. Doubles, \$4.00 per 100; \$35.00 per 1000. Extras added to help pay expressage. Strictly cash.
John F. Rupp, Shiremanstown, Pa.

Chinese primroses, single mixed, per 100, 2-in., \$2.00; Obconica grandiflora, 2-in., \$2.50; Forbesi, "Baby Primrose," 2-in., \$4.00. Cash, no C. O. D's.
Jos. H. Cunningham, Delaware, Ohio.

New Baby Primrose, yellow, better than the purple, 2-in., \$1.00 per doz. Chinese Primulas, Alba, Rubra, choicest mixed and Japonica Alba, 2¼-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

Chinese Primroses, in 2¼-inch paper pots, \$2.25 per 100; \$20.00 per 1000.
H. Stahlhut, N. E. cor. New Lots road and Shepherd Ave., Brooklyn, N. Y.

Baby Primrose. For Sept. 1st delivery. Fine plants, 3½-inch, \$12.00 per 100.
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Dr.'s strain of Chinese Primroses, out of 3-inch pots, fine plants, \$4.00 per 100. Cash with order.
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Chinese, 3 colors, Obconica Hybridum, Obconica Primbratum, 3-in., fine stock, ready for 3-in., \$5.00 per 100.
N. Smith & Son, Adrian, Mich.

Baby Primrose of true stock, from 2 and 2½-inch pots, 75c and \$1.00 per doz.; \$5.00 and \$7.00 per 100.
W. E. Hall, Clyde, Ohio.

Chinese primrose, extra fine strain, 2¼-inch pots, \$3.00 per 100.
Greene & Underhill, Watertown, N. Y.

Chinese primrose, choicest strains, mixed, 2-in., \$2.00, 2¼-in., \$3.00 per 100.
Geo. M. Emmans, Newton, N. J.

ROSES.

We have left the following choice rose plants which we are anxious to sell at a low price to make room. Guaranteed first class in every respect. Beauties, 4000 3-in., 5c; Bridesmaids, 1400 4-in., 5c, 2000 3-in., 3c, 6500 2-in., 2c; Brides, 700 4-in., 5c, 2200 3-in., 4c, 500 2-in., 2c; Meteors, 1600 3-in., 3c, 500 2-in., 2c. Shipments to be made from our greenhouses at Hinsdale, Ill.

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First quality forcing roses, perfectly healthy and grown especially for late planting. Saf-rano, Sunset, Pres. Carnot, Kaiserin, Meteor, Wootton, Perle, Mme. Hoste, 3-in., \$1.00 per 100; 4-in., \$10.00. 400 grafted Bridesmaids, 3½-in., \$12.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

ROSES—Continued.

12,000 rose plants occupy our propagating houses and must be moved at once. Will fill orders at half value for 30 days. Every plant guaranteed. Meteors, Brides, Perle, Mails and La France, 3½ and 4-in., \$4.00 per 100. Beauty and Mrs. Garrett, strong, 3-in., at same price.
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First-class rose stock, 300 3-in. Brides and 1000 3-in. Bridesmaids at \$5.00 per 100; \$60.00 per 1000. Strong, well seasoned stock. Samples sent.
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500 Brides and 4000 Bridesmaids, 2½-in., \$18.00 per 1000. 300 Bridesmaids, 3-in., at \$4.00 per 100. Clean and healthy. Cash with order.
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Fine forcing Roses for immediate planting. First-class stock from 3-inch pots at \$3.50 per 100. 250 Brides, 250 Mails, 200 La France, 150 Perle. W. C. Bryfogle, Bloomsburg, Pa.

4,000 3-inch Brides, Mails and Meteors in finest possible condition to plant. All go at 30 per cent discount to make room. Write for figures.
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Last Call for Rose Plants, Brides and Mails, 2½-inch pots, \$2.00 per 100. Brides from 4-inch pots, \$5.00 per 100.
Reinberg Bros., 51 Wabash Ave., Chicago.

Brides, Mails and Meteors, 3-inch, fine stock, \$3.00 per 100; \$25.00 per 1000. Cash with order.
M. A. Magnuson, Station X, Chicago.

American Beauty, Bridesmaid, Perle, Bride, Sunset, Meteor, Morgan, Testout, Mermet, La France, 3, 3½ and 4-inch.
A. S. Mellan, Lakewood, N. J.

Brides and Bridesmaids. Guaranteed best plants, 3 and 3½-in., \$15.00 and \$5.00 per 1000. Morton Grove Greenhouses, 27 Market St., Chicago.

Grape Dust kills mildew on roses. Sold by the seedsmen of America. Made by Hammond's Slug Shot Works, Fishkill-on-Hudson, N. Y.

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Bride and Mail, 3½ and 4-inch, extra fine, \$5.00 per 100. Jas. E. Beach, 775 Park Ave., Bridgeport, Conn.

We are growing roses in large quantities. Write for wholesale list.
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Bridesmaids, a few hundred fine plants cheap, 4-in., \$5.00 per 100.
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250 Brides, 150 Mails, good, 4-in., \$4.00 per 100, cash.
John Welsh Young, Germantown, Pa.

500 Brides, 500 Mails, 3½ and 4-inch, fine, stocky plants, \$4.00 per 100.
Edw. J. Taylor, Southport, Conn.

The Bride, 3½-in., as strong as generally sold from 4-in., \$5.00 per 100.
N. Smith & Son, Adrian, Mich.

Fine assortment, 3½-in., \$5.00 per 100. Extra strong Beauties, \$8.00 per 100.
Nanz & Neuner, Louisville, Ky.

Beauties and Woottons, 2½-in., only 1000 of each. 500 2-in. Brides. A bargain.
Geo. A. Kuhl, Pekin, Ill.

Meteors, strong, clean stock, 4-inch, \$5.00 per 100.
J. W. Wilson, Glenville, O.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

H. P. Roses and Ramblers at reduced prices.
W. & T. Smith Co., Geneva, N. Y.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Frostitis prevents mildew on roses.
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Pansy Seed. New Crop. S. & W. Co.'s Non Plus Ultra. The richest mixture ever sent out, and containing the Blotched and Giant varieties in greatest proportion; very effective. Per packet 1000 seeds, 25 cts; per 1-8 ounce, 75 cts; per ounce, \$4.50. Superb Mixture of the Odier, Cassier and Bugnot Strains, unsurpassed. Per 1000 seeds, 50 cts; per 1-8 ounce, \$1.00; per ounce, \$6.00. Trimardeau or Giant Pansies. Beautiful class of vigorous, compact growth, flowers of an enormous size. Per pkt., 25c; per 1-8 ounce, 50 cts; per oz., \$3.50. Stumpp & Walter Co., 50 Barclay St., New York.

Pansy Seed. Hunt's Unrivalled. This mixture is made up by the most careful selection from all the best varieties grown and is the standard mixture for Florists who wish to realize the greatest returns from either blooms or plants. We have sold this mixture with increasing sales for the past ten years, a sufficient proof of its high quality. Oz., \$8.00; ½ oz., \$4.00; trade pkt., 25 cts.
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The Jennings strain of American grown pansies is considered by many florists to be the leading strain to date. All large flowering and of the most brilliant colors and are sure to give satisfaction. Finest seed, mixed, \$1.00 per pkt.; \$3.00 per ½ oz.; \$5.00 per oz. Finest White, Yellow, Back, Blue, 50c for pkt. of 1500 seeds. Cash with order.
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Pansy, Benary's No Plus Ultra. Richest mixture ever sent out, large trade pkt., \$1.00. Primula, Benary's choicest selection, 250 seeds for \$1.00. Cineraria, Benary's Jaig prize, \$1.00 per 1000 seeds. Pteleolaria, Benary's finest strain, \$1.00 per trade pkt. E. C. McFadden, U. S. Exotic Nurseries, Short Hills, N. J.

Our Specialties: Sweet peas, cosmos, hollyhock, verbena, aster, mignonette, etc.; onion, lettuce, celery, carrot, salsify, parsnip, lima beans, salt bush, bromus grass, Bermuda grass, Johnson grass, etc. All California grown. Wholesale only.
Perry Watson & Co., Sacramento, Cal.

If you want fine, large fragrant pansies, buy Woodbury's seeds. 7 pkts.—700 seeds—fine assortment, 50c. Finest German or Giant flowers, French strains, blended or either separate, 2000 seeds, 50c; 1/2 oz., \$1.00; oz., \$4.00. D. B. Woodbury, Pansy Specialist, South Paris, Me.

New crop now ready of Pansy, Cineraria, Primula, Forget-Me-Not, Mignonette Allen's Defiance in original pkts., \$1.00 per 2000 seeds. H. F. Michell, 1018 Market St., Philadelphia.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Pansy seed, Benary's ne plus ultra, none better, \$4.00 per oz.
Jos. H. Cunningham, Delaware, Ohio.

Special seeds for the florist and gardener. Send for wholesale catalogue.
Johnson & Stokes, Philadelphia, Pa.

Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.
C. Soltan & Co.,
199 Grant Ave., Jersey City, N. J.

Zirngel's Giant Pansy seed, \$1.00 per trade pkt., or \$5.00 per oz.
Denys Zirngel, Needham, Mass.

Flower seeds. Griffith & Turner Co., Baltimore, Md.

Cabbage and Cauliflower seed specialist.
Francis Brill, Hempstead, L. I., N. Y.

Send in your order now for a copy of the Florists' Manual.

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Extra choice, strong, healthy three-year-old plants, \$3.00 per 100. Just the thing for immediate results. Plants from 2-inch pots, \$1.00 per 100.
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Clean, strong stock, 3-inch, \$3.00 per 100; \$25.00 per 1000; 2½-inch, \$2.50 per 100; \$20.00 per 1000. Cash please.
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String your Smilax with Meyer Green Silk-line. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Strong one-year plants, 2½ and 3-in., \$2.50 per 100; \$20.00 per 1000. Choice well ripened seed, 25 cts. per oz.
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5,000 extra strong, 2½-inch, \$1.75 per 100, \$15.00 per 1000. Cash with order. Sample if desired.
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2,000 good, strong plants, 2½-inch. Will close out cheap.
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Extra strong, ready to string, \$1.00 per 100, fine strings, 8 ft. long, 1/2c.
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30,000 Smilax, 2-in., fine strong plants, \$1.50 per 100; \$13.00 per 1000. Cash with order.
F. Boerner, Cape May City, N. J.

Smilax, extra strong, 3-in., \$2.00 per 100; \$18.00 per 1000. Cash with order.
Albert F. Amling, Maywood, Ill.

Extra fine pot plants, only \$1.50 per 100. No order filled for less than 100.
A. J. Baldwin, Newark, Ohio.

Smilax, 2-inch, \$1.50 per 100. Henry Smith, Grand Rapids, Mich.

2½-in., good bushy plants, \$1.25 per 100. Crabb & Hunter, Grand Rapids, Mich.

Extra strong, 2½-inch, \$2.00 per 100.
Morris Floral Co., Morris, Ill.

2,000 smilax, 3-inch, \$2.00 per 100.
Ben L. Elliott, Cheswick, Pa.

2000 3-in. Smilax. A bargain.
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Potted Strawberry Plants. Strong, well rooted plants, now ready, 75c per doz.; \$2.00 per 100, by express, of the following varieties: Clyde, Brandywine, Seaford, Tennessee, Sharpless, Glen Mary, Woolverton, Haverhill, Bedford, Hall's Favorite, Bismark, Wm. Belt, Gandy, Granville, Saunders, Marshall and Nina.
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Pot grown strawberries. Our usual supply of fine plants now ready. Catalogue containing correct descriptions of the best varieties with cultural directions mailed on request.
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The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

Potted plants now ready. Elizabeth Nursery Co., Elizabeth, N. J.

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Cabbage plants, field grown, 15c per 100; \$1.00 per 1000; if by mail add 10c per 100. Write for prices on large lots for fall planting. Parsley, strong plants, 35c per 100; \$2.50 per 1000; if by mail add 20c per 100. Cash with order.

U. Vincent, Jr. & Son, White Marsh, Md.
Ready Sept. 1. 5000 good, strong Lorrillard tomato plants for forcing, at \$1.50 per 100.
A. B. Campbell, Cochranville, Pa.

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CLASSIFIED PLANT ADVERTISEMENTS CONTINUED.

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Variegated trailing abutilon, rooted cuttings, \$2.00 per 100. Manetta bicolor, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00. English Ivy, 2 to 3 feet, \$5.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Ampelopsis Veltchil, heavy field grown plants, \$50.00 per 1000. Clematis Paniculata, strong field grown plants, \$50.00 per 1000.
Elizabeth Nursery Co., Elizabeth, N. J.

VIOLETS.

Marie Louise, Strong, field-grown plants, not a spot of disease on them, \$4.00 per 100; \$35.00 per 1000. Sample by mail, 19 cts. Cash with order. 5 per cent. discount on all orders before September 1st.
R. Kilbourn, Clinton, N. Y.

Lady Campbell, field grown, clean stock, ready, \$5.00 per 100. Dracaena Indivisa, 2-in., \$3.00 per 100. Cash with order.
W. G. Kraber, 25 Tremont St., New Bedford, Mass.

Marie Louise, Lady Hume Campbell and California, 2½-inch, \$2.50 per 100; \$20.00 per 1000. A few Swanley White, fine plants, 4-inch, \$5.00 per 100.
Henry Smith, Grand Rapids, Mich.

California Violets, 1,500 field-grown, strong and healthy plants; will exchange for Marie Louise or Carnation plants; write what you have to L. B. Kennedy, West Summit, N. J.

Princess of Wales, field grown, strong and healthy, ready now. Prices on application.
E. G. Menze, Glen Cove Greenhouses, Glen Cove, N. Y.

Marie Louise Violets, Potted plants, clean and healthy in every particular, \$5.00 per 100. Cash with order.
Wm. J. Chinnick, Trenton, N. J.

Princess of Wales, California, Campbell, Swanley White, Strong field-grown plants. Prices on application.
Albert H. Brown, Westboro, Mass.

Orders booked now for field grown plants. Write for prices.
Crabb & Hunter, Grand Rapids, Mich.

California, strong 2-in., \$3.00 per 100; field grown, \$6.00 per 100.
Nanz & Neuner, Louisville, Ky.

Marie Louise, clean, healthy plants, \$2.00 per 100; \$15.00 per 1000.
John B. Rudy, Elmira, N. Y.

Farquhar, strong, healthy plants, in 3-inch pots, \$3.00 per 100; \$25.00 per 1000.
Geo. H. Benedict, Yorkville, N. Y.

Marie Louise violets, strong plants, \$1.50 per 100.
C. O. Lewis, Lockport, N. Y.

Marie Louise, pot grown, \$35.00 per 1000.
A. S. MacBean, Lakewood, N. J.

MISCELLANEOUS PLANTS.

Russellia multiflora and elegantissima. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy. 2½-inch, \$2.50 per dozen.
The Cottage Gardens, Queens, N. Y.

Antigonon leptopus. First size, per 100, \$3.00; 2nd size, per 100, \$1.50; 3d size, stocky, little plants, ready for 2½ or 3-inch pots, post-paid, per 100, \$1.25. Seed, 75 cts per lb. Over 5 lbs. at 50 cts per lb.
The Brooks Sisters, Sorrento, Fla.

Lemon verbena, Impatiens Sultan, 2½-inch, \$3.00 per 100. Rooted cuttings; Impatiens Sultan, \$2.00. Lemon verbena, \$1.50.
Greene & Underhill, Watertown, N. Y.

Sweet Alyssum, large flowering, for winter blooming, \$2.50 per 100. Hibiscus, fine stock plants, 4-in., \$5.00 per 100.
Nanz & Neuner, Louisville, Ky.

Grevillea Robusta, 2-in., strong, \$2.50 per 100.
Edw. E. Jackson, Stamford, Conn.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

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Mastica has proven superior to putty for glazing. Easier to apply and stays on. Not affected by extremes of weather. Send for circular of Mastica and Mastica Glazing Machines. F. O. Pierce Co., 170 Fulton St., New York.

We carry the largest stock of Greenhouse Glass in New York. We make a specialty of 16x21 and can make special prices. Selected brands in French and American. Holbrook Bros., 85-89 Beekman St., New York.

Every florist ought to insure his glass against hail. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Greenhouse Glass. Get our prices before buying. S. Jacobs & Sons, 46 W. 13th St., New York.

Importers and jobbers of Greenhouse Glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
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Full line of Greenhouse Glass.
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All sizes of Greenhouse Glass.
C. S. Weber & Co., 4 Desbrosses St., N. Y.

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HOSE.

Rubber Hose for Florists. If you want hose that will give best service and last longer than any other hose, purchase from us. 3½-inch 7 ply special hose at \$20 per 100 ft. 2½-inch 7 ply special hose at \$15 per 100 ft. Made in 25 and 50 ft. lengths, with couplings attached. Manufacturers' Rubber Co., 15 Vesey St., New York.

The Maltess Cross Brand. The very best of garden and lawn hose. If your dealer does not have it send direct to the manufacturers. The Gutta Parcha and Rubber Mfg. Co., 25 Warren St., New York; 96 Lake St., Chicago.

A florist knows what kind of Hose a florist ought to have. Let us quote you prices and send you a sample of a Good Hose. J. G. & A. Esler, Saddle River, N. J.

INSECTICIDES.

Postite is a most valuable general insecticide. It has been regularly applied by leading florists for a number of years. 1 lb. 5 lbs., 50 cts; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.50; 200 lbs., \$8.75. Put up for dealers—24 2-lb. packages, \$4.00; retails at 25 cts a package. Postite is best applied by Joosten's Magazine Bellows; for the greenhouse, price \$3.50; for the farm, \$5.00.
C. H. Joosten, 85 Day St., New York.

Nicomite (patent) Vapor Insecticide. No labor required. Harmless to bloom and foliage. A certain killer of red spider, green fly and other insect pests. Sold by seed-men. The Tobacco Warehousing and Trading Co., Louisville, Ky.

Nikotone. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikotone. Sold by seed-men. Circular free.
Skaboura Dip Co., Chicago.

Sulpho-Tobacco Soap. Universal Insecticide for flowers, trees and animals. Recommended and in use by the foremost florists and nurserymen. For sale at the seed stores.
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Standard Flower Pots. Our pots are of the best quality. We ship all goods from Cincinnati, guaranteeing lowest freight rates and prompt delivery. Write us before placing your orders elsewhere.
Cambridge The Mfg. Co., Covington, Ky.

Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Harry Balsley sells Those Red Pots, Standards, full size and with bottoms, Bulb Pans and Azalea Pots, for the Detroit Flower Pot Manufacturing, 499 Howard St., Detroit, Mich.

Standard Flower Pots, Fern Pans and Azalea Pots. Old reliable make of Emerson, Sherwood & Barker. Write for price-list. Address Pittsburg Clay Mfg. Co., New Brighton, Pa.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. J. G. Swahn's Sons, P. O. Box 78, Minneapolis, Minn.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 351-353 Herndon St., near Wrightwood Ave., Chicago.

Cypress Plant Tubs. Send for prices.
Union Manufacturing Co., Toledo, O.

SPHAGNUM MOSS.

We are headquarters on Sphagnum. Just received several carloads.

Per Bale, \$1.00.
Six Bales, \$5.00.
Ten Bales, \$7.50.
Write for prices on large quantities.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We are now gathering Sphagnum Moss for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.
Z. K. Jewett & Co., Sparta, Wis.

Live Sphagnum Moss, best quality. Orchid Peat and Leaf-mould.
Bernhard Lapp, New Providence, N. J.

WIRE WORK.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

We are large manufacturers of Wire Designs and can please you both in quality and price. Send for list.
E. H. Hunt, 76-78 Wabash Ave., Chicago.

We are Headquarters for Wire Work.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Full line of Wire Work.
Elis & Pollworth, Milwaukee, Wis.

Manufacturer of Wire Work for Florists.
James Griffith, 791 Main St., Cincinnati, O.

Full line of Wire Work for Florists. Philadelphia Florists' Wire Design Co., 807 No. 4th St., Philadelphia, Pa.

Theo. Scheld, Parkville, Conn., Florists' Wireworker. Wire designs of any description made at short notice. Prices the lowest. Send for list.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

ELMIRA, N. Y.

Sweet Pea Exhibit.

The second annual sweet pea show of the Elmira Horticultural Society was held August 3 and 4, and there was a marked improvement in quality of the local exhibits.

Mr. E. A. Higgins, of Avoca, N. Y., exhibited forty-one varieties of superb quality and carried off a number of first prizes, his Salopians being extra good. Mrs. M. Leahy, of Cohocton, displayed seventy-one varieties of fine quality, and was awarded 1st on collection. Nothing could compare with the exhibition of Mr. Charles Larrowe in 1898-9 novelties. Mrs. Susan L. Crane, of Elmira, exhibited four vases of mixed fully up to the Cohocton standard.

The society is now preparing schedule of prizes for their chrysanthemum show, and would be glad to furnish the same, when ready, to those interested. The prospects are good for a fine show.
S.

Begonias.

ASSORTED VARIETIES,
FROM TWO-INCH POTS.
\$2.00 per hundred.

EXTRA STRONG
CASH PLEASE.

Grevillea Robusta, 2-inch pots,
strong, per 100 \$2.50

EDWARD B. JACKSON
STAMFORD, CONN.

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CALIFORNIAN SEED HOUSE
—SPECIALTIES—

Onion Seed	Sweet Peas	Lima Beans
Lettuce	Cosmos	Salt Bush
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Carrot	Verbenas	Bermuda "
Salsify	Asters	Johnson "
Parsnip	Mignonette	etc.
etc.	etc.	etc.

ALL CALIFORNIA GROWN. WHOLESALE ONLY.
SACRAMENTO CALIFORNIA
Mention The Review when you write.

EXCURSION TO TORONTO
VIA THE WABASH.

The Wabash will sell excursion tickets from Chicago to Toronto, August 26 to 29, at \$12.40 for the round trip, account of Toronto Fair. Write for particulars. City Ticket office, 97 Adams Street, Chicago.

PHILADELPHIA and Return, \$16.45
VIA THE WABASH.

The Wabash will sell tickets, Chicago to Philadelphia and return, September 1 to 4, as above; other tickets, a little higher, giving greater privileges. Write for particulars. Ticket office, 97 Adams Street, Chicago.

Please look this over.

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THE PRINTED REPORT of the twenty-fourth annual meeting of the American Association of Nurserymen, held at Chicago last June, has been received from Secretary Geo. C. Seager, Rochester, N. Y. The report is very full and complete and is well printed on excellent paper. A half-tone engraving from the group photograph taken at the convention appears as a frontispiece.

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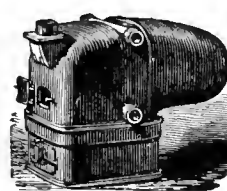
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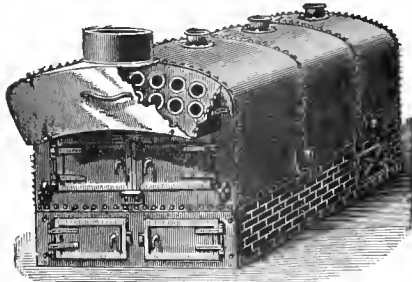
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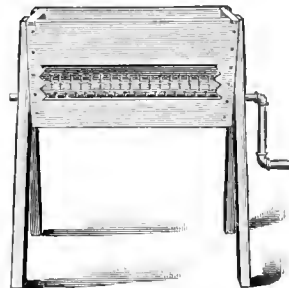
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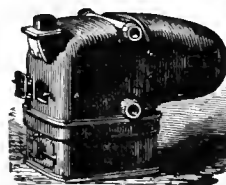
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Vol. IV.

CHICAGO AND NEW YORK, AUGUST 31, 1899.

No. 92.

CHRYSANTHEMUMS

CHRYSANTHEMUM NOTES.

Potting.

Plants that are out in the open ground, or planted on benches, that are to be potted up should be attended to right away. Lifting should be done as carefully as possible, to retain the fibrous roots, so that the check will not be so great, and the foliage will not suffer so much. Pot into good, rich soil, and shade well until it can be seen that root action has commenced again, keeping them constantly sprayed over in the meantime. Plants that are taken up and potted at this time never make plants like those that have been grown continuously in pots, but they do pretty well, nevertheless, if taken care of, and in these days of low prices, and close competition, probably pay as well as any.

Buds.

Buds are showing now all around, and when needed should be taken at the earliest possible stage. When a man has good eyesight and a good thumb nail, they can be taken very small and are all the better for it, because if the shoots are allowed to get long before being removed they rob the bud to a large extent. Disbudding is always best done early in the morning, because then the off-shoots are brittle, and easily removed, and a man can get over the plants in half the time.

Robinson, and in fact all the early varieties, should be taken by this time. Where the buds are not yet shown on

early kinds, reduce the water supply for a few days, and this will cause a check to the growth sufficient to make them throw a bud. It is wonderful to watch how quickly a bud swells up and develops, once all the energies of the plant are concentrated on it. The stem begins to thicken and harden, and the foliage assumes a darker color, and the mum crank begins to see the fruits of his labor looming up in his mind's eye. It is always well at this season to note down times when buds are taken. They are often useful for purposes of comparison and memory often fails when called on. We have found that from the 20th to the 30th of August is our best time to catch all the mid-season kinds that do well on the crown bud.

Some may think this date too early, and others again may think it late. Experience and a note book will teach a man more than reading other people's endeavors to enlighten him, even though these same endeavors may be given in all sincerity. I can pick out hundreds of varieties by their foliage alone, and could tell my own flowers if I met them anywhere on this planet, but I don't profess to say yet that I know all there is to know about mums. We live and learn, and when one man writes, take so and so on the crown bud, and another one says, always take it on the terminal, they may both be right from the standpoint of their own experience.

Suckers.

Suckers soon come into prominence

after the bud is taken, and should be removed as soon as possible, since they help to divert the energies of the plant from the buds. Between shoots and suckers it is quite a job to keep the mum in the straight and narrow way of growth that leads to fine flowers, but it must be persevered in.

Staking.

A hint to intending exhibitors regarding staking may not be out of place. It is generally the rule to stake plants, from which it is hoped to obtain exhibition flowers, right up to the bud. We don't believe in it, because many fine kinds are rather weak necked, and when staked up close do not build up tissue to support the flower nearly so well as when the stake only comes up within six or eight inches of the bud. When the bud finds itself thrown on its own resources it will, so to speak, brace itself and you will be rewarded by having your flowers stand right up when placed on exhibition, instead of feebly drooping their heads, as though apologizing for their presence.

Grasshoppers.

Grasshoppers are getting quite troublesome, and they seem to delight in selecting the finest buds for their depredations. I know of no way to get rid of them save hand-picking, and this must be done in the early morning, as they do not move very rapidly till the sun warms them up.

Rust.

It will pay you to carefully examine your plants to see if they are affected with this trouble. It is appearing in this section on plants outside, the damp, muggy weather being apparently favorable for its development. It is easily distinguished by the little brown spots that appear on the under side of the leaves. When it is appearing, pick off all affected leaves and

spray the plants with a solution of sulphide of potas-ium, in the proportion of one ounce to two gallons of water. This rust seems to be becoming a serious problem to English growers, who may yet have to resort to our inside system of culture.

BRIAN BORU.

CHRYSANTHEMUM SCALES.

Following are the new scales for judging chrysanthemum plants and flowers as adopted at the Detroit meeting of the Chysanthemum Society of America:

Scale A.

For bush plants and standards. To apply to single specimens or any number up to six, in an exhibition where the class under consideration does not form the chief feature in the exhibition hall.



ROSE NOTES.

The article under heading "Syringing Roses" in the last number of The Review was read with great interest by me as my own thoughts have been much on this subject for some time back.

Under present cultural conditions syringing is unavoidable. I believe, though, some other method of destroying the red spider will be found.

My thoughts too have been much on another method in culture which if it can be brought about together with a diminution in syringing would be of the greatest advantage in rose growing, particularly with the American Beauty, as I think it would lessen materially the danger of black spot. I refer to sub-watering. In reading of the experiments of our brethren the Carnationists I am persuaded that for the rose named, sub-watering would be eminently successful. It may be argued that the expense of preparing for sub-watering would be excessive but I think not as the beds can be built of concrete and thus be indestructible. Then the time now consumed in watering would be utilized in other

Equality of size and form of plant	40
Excellence of bloom	35
Foliage	25
	100

Scale B.

For bush plants, more than six, or for any number of specimen plants where class under consideration forms the chief feature in the exhibition hall.

Equality of size and form of plant	35
Excellence of bloom	40
Foliage	25
	100

Scale C.

For plants grown to single stem and one bloom.

Compact, sturdy growth	35
Excellence of bloom	40
Foliage	25
	100

Scale D.

Scale of points for specimen blooms:

Color	25
Form	25
Fullness	15
Stem and foliage	10
Substance	10
Size	15
	100

A. Siebrecht, E. G. Asmus, Paul M. Pierson, John N. May, Samuel Thorne, Benjamin Dorrance, Edmund M. Wood, Joseph Heacock, Alexander Montgomery, E. Hippard, Robert F. Tesson, F. R. Pierson, Philip Breitmeyer, Peter Reinberg, George Reinberg, Henry Dale, Fred Matheson, J. M. Gasser, J. L. Dillon, Emil Buettner, J. C. Vaughan, C. W. Ward, O. P. Bassett. Besides these we have a long list of both active and associate members.

Though only organized last March we have a membership nearly half as large as the S. A. F., and we are daily growing in strength and feel much encouraged in the general interest that is being shown in our work, not only in the trade, but by the amateur and daily press as well. Almost all the agricultural and horticultural papers have urged upon their readers the worthiness of, and called attention to the necessity for, such a society. The daily press has also, quite to our surprise, taken the matter up and many articles have appeared commending the purposes of the society and wishing us success. I mention these facts only to show that we have struck a responsive chord, and that both the trade and the amateur lover of the Queen of Flowers, have at last awakened to a realization of what a great work such a society is capable of performing.

To supplement the remarks of the gentlemen who so ably presented the need of our society, I wish to say that it is in no sense a purely trade organization, but is intended also to help to stimulate the amateur in his love for the rose. The advantage of the trade arising through increased interest among the masses of the people needs no argument. We hope to encourage the production of new varieties and in every possible way to increase general interest in the subject.

To those who were not present at the meeting in Detroit, or who did not subscribe to life membership, we wish this to be considered a personal appeal. As Mr. Hill so truly said—every florist owes more to the rose than to any other source of income, and can well afford to support a society devoted to its interests. Every grower of roses, of cut flowers or plants to any extent, should be willing to contribute fifty dollars, thus becoming a life member. Those who think they cannot afford so large a sum may become active members by paying three dollars per annum.

A hearty and prompt response will at once put us on a footing where we can accomplish satisfactory results. There is no use to try and hide in the woods; we shall not forget you and we mean to keep everlastingly at it until the trade is a substantial unit in the folds of this society.

THE AMERICAN ROSE SOCIETY.

Paul M. Pierson, Secretary.
Scarborough, N. Y., Aug. 24, 1899.

operations. Had I been in a position to do so I surely should have commenced experiments along this line, the past spring.

Do not be in too great a hurry to secure a crop of bloom from the young plants. It is much better to disbud when buds are small and secure a good strong plant now while we have fine growing weather than to cut and market the crop of short, weak stemmed blooms that will scarcely pay transportation charges.

When it is desirable to allow a crop to mature, allow only two or three to a plant at a time, keeping the weak stems disbudded. A. O. T.

AMERICAN ROSE SOCIETY.

Editor Florists' Review: On behalf of the American Rose Society I wish to express our deep appreciation of the generous way in which those present at the meeting held at Detroit under the auspices of the S. A. F. rallied to the support of this society. Although—because of the fact that many were anxious to leave for the excursion—we had but a few minutes in which to present the claims of the society, yet those claims were so eloquently set forth by Messrs. Barry, Craig, Hill and May that the following gentlemen subscribed as life members, namely: E. G. Hill, Wm. C. Barry, H.



Newspaper Descriptions.

Business is almost at a standstill unless it be with a few of the stores at the fashionable resorts. The reports we occasionally see in the daily papers describing the "paradise" and "fair-land like" scenes of some of the big events are vastly amusing. There is no limit to the expansive imaginations of the up-to-date society reporter. The product of his pen must be sensational and poetic. With him the daisies from the meadows of Hackensack are turned into jeweled orchids from the Antilles. That smilax from Paddy O'Dowd's ramshackle greenhouse along the breen at the swamp beyond is described as "shimmering vines from India and Japan, specially grown for the occasion."

It's a ticklish question, this of newspaper reports of floral decorations. The quantity of flowers used is generally multiplied by 1,000, so is the price. Retailers become envious and growers desperately discontented. Some of the wealthiest people like this style of advertising of themselves and their affairs, others will not permit it, and great care must be used not to give offense to this class. Yet, on the whole, these reports do not injure the business; rather the reverse may be said, yet it would be much better for all in the end if at least the truth were told. There is another side to this matter. History is wholly compiled from these misleading reports, and it is safe to imagine that future generations will be more affected by the reading of all this humbug than we are of what we read concerning the chaplets sold in the myrtle market of ancient Athens, or the showers of violets in Roman banquet halls, or the overwhelming splendor of Persian rose gardens, or the indescribable magnificence of the French courts several centuries ago—all these pale before the descriptions of the Astor, Vanderbilt and Bradley-Martin festivals of to-day, and yet much of it is just as false. People on earth are like fishes in the sea, they are ready to swallow anything, and the more glittering the object the more maddening the desire to gulp it.

The Coming Season.

The prospects for next season are brighter than they have been for many years. You do not feel it just now, but the country in general is moving on a wave of prosperity. It takes time for it to reach the florist; people don't usually buy flowers unless they are justified in doing so by the condition of the pocket. You need not be afraid to spend a little yourself on extra stock and refurnishing; it will all come back to you, and don't forget there will be a demand for novelties, and nothing but the best of everything will suit.

The growers will not have many new things to offer this season, except a few new roses, and they have, as usual, been so overpropagated that the flowers will not be of much account; thus many a good thing is killed before its merits are known.

In the dullness of the present time we should not forget to prepare for an abundance of the good flowers for next summer. Of course the retailer who buys all his stock doesn't usually care or think about the future supply; it is more his concern to bother about the conditions of today, but there are others, and it's lucky there are.

There will be a call for the better grades of plants, and be careful how much you buy of hastily grown, cheap stock, for it seldom pays. Don't go in so much for foreign curiosities early in the season; the people generally prefer the good well-grown palm or fern; the sale of these promises to be phenomenal, and it's wise to have a few on hand early.

The florist who today uses immortelles and cape flowers when it is unnecessary scarcely advances the interests of American floriculture; he is rather an injurious element in the trade. 'Tis quite true that the very poor people want and should get the most for their money, but there never was a time when natural flowers were so cheap as they are today, and a good profit can be made on any kind of an order, no matter how big and showy it is wanted. In using immortelles and cape flowers we enrich the South of

France and Africa. There was a time when their use was absolutely necessary, but now it is not even excusable, and the time is coming when the poorest won't touch them. The American people despise artificiality; natural flowers appeal to them most, and floriculture is taking such gigantic strides here that the people can get what they want.

What a pity it is that the petty jealousies cannot be replaced by a united desire to elevate our art. A little concerted action would make glutted markets unknown, there would be a tremendous increase in the use of flowers, artificial elements would be properly placed and their use deprecated, and there is no limit to the amount of good that could be done. There would be no standard in either ancient or modern history for a floral artist to look up at, but as we are going one often finds himself wondering if floral art will ever go any higher.

The ever-increasing tendency here is for concentrating. Sooner or later the majority of flowers will be bought in public markets, and there will be less desire to bother with the beauty of arrangement as we know it today. The florists themselves have the future of their business in their own hands, and if some method is not adopted to relieve the market you cannot blame the spirit of revolution for trying to change matters. The retail florist is the missionary or mouthpiece of the trade, and he only too often makes the mistake of imagining that his customers lead him, when it is he who educates their tastes by exhibiting goods which appeal to them. This is where one should keep both eyes on the market. If a new flower appears, appreciate it as a new flower should be, and point out its merits; this not only feeds your own intelligence, but you encourage advancement, and what is the world, life or business if there is no advancement?

Seasonable Flowers.

Colored water lilies and lotus continue to be some of the most popular flowers for the table at ultra-fashionable events. Wild grasses and flowers are being extensively used in decorations. Cut glass bowls on mirrors promise to be the "right thing" to use on table decorations the coming season; the principal crockery stores are pushing them to the front; these are by no means new, but they are very pretty. Large ivies will be scarce. Field grown ivies are next to useless for the retailer; give your grower a hint to dig his up and pot them that they may have roots when you need them; he is inclined to think that such plants will grow in a dwelling house just as well as in the greenhouse; you know different. By the way, variegated ivies will be popular, too, and they deserve to be; hunt some up.

The finest flower out today for black dress or brunette type of beauty is a

spray of *Cattleya Dowiana*, no "fixin's" necessary. *Phlox Drummondii* is a dazzling little beauty that could be often used to great advantage on small tables, or where high color is desired. Asters in pots have not sold very well; people seem to be satisfied with cut flowers this time of the year.

It's a difficult thing sometimes to get the right colors for the National emblem. The right shade of blue is hard to find, and many content themselves with the best they can get among asters, though they are more purple than blue.

Lilium speciosum album is very plentiful and is being much used for funeral work. Tuberoses seem to have lost much of their popularity; very few are grown compared with what

used to be; other and more refined flowers have pushed them out. *L. Harrisii* have been on the market all the year so far, and they continue to be the best flower for flat bunches.

Roses are getting better in quality but there is little demand for them; the indications are that high colors will lead this season.

Geraniums have done very poorly in the cities this year; they have shown very little bloom; some attribute this to high feeding by growers in early season; however, the results this year will not go to advance a more general use of them.

Cannas have not advanced in public favor, because too many old rubbishy sorts are flooding the market.

IVERA.

ly all flower gardening there is a lack of white.

A few miles east of this city on the great New York Central R. R., there is an acre or two of flower garden planted by the De Pew Improvement Co. There are gravel walks between the beds, and brown grass, and bed after bed of crimson, red and pink geraniums. In this arid and parched time it is enough to give you the blind staggers.

Beaute Poitevine is a double salmon having all the finest qualities. In singles Athlete is most dazzling scarlet and very free, but J. P. Cleary, (I am not certain about the initial letters), is the best thing we have seen in single geraniums for a long time. It is a compact grower, deep brilliant scarlet, and one mass of bloom. We cannot do without Mrs. E. G. Hill, the splendid salmon; the dry season has suited it finely.

Of all the brilliant beds of geraniums, clean looking and pleasing, especially when surrounded by a broad belt of grass, nothing surpasses old single Gen. Grant. Its pure scarlet on its pure zoneless green leaves is why it is so effective and pleasing. A geranium grower or raiser will pooh-pooh the mention of the old General but that makes no difference. For large beds on lawns is has no equal.

Cuttings put in now make the finest of bedding plants if grown along cool, and will give you another cutting in February. Don't send a greenhorn or a careless brute to take your cuttings. You may just as well cut them off the right length when severing them from the plant as to waste the shoots. And you will get another crop of cuttings from the plants in October.

Pot in 2¼ or 2½-inch pots, using good loam, and pot firmly; that is, let the soil be firm around the end of the shoot where the roots will come. The hose always firms the top soil; it is at the bottom you want it solid. A cold-frame where they can be shaded is an excellent place if you don't neglect them, or any ordinary bench is all right. Water well the first time and be sure you have wet every particle of soil; after that water only sufficient to keep the soil moderately moist. We have often seen a batch of geranium cuttings very dry two weeks after they were potted but never saw any ill effects from it. The geraniums when growing are quite succulent and there is more danger of their rotting from overwatering than dying for want of it.

Cut just below a joint. It's as easy to cut there as anywhere and much safer, and we like to leave one small and one large leaf on each cutting—no more, no less. These plants will make large fine plants without much care and you cannot buy such because the man who grows a hundred thousand cannot afford to select such cuttings; he propagates anything and everything he can cut up.



Geraniums.

First week of September is an excellent time to take off your first big lot of geraniums. The geranium was never more popular than today and deservedly so. What is there to compare with it as a bedding plant? Nothing. Just a word to the water cranks. Not having room to plant out sufficient stock on our ground we had to use some ground offered by a customer who wanted the beauty of the geraniums on his twenty thousand dollar acre farm, and we wanted the land to grow our stock. The geraniums—a few thousand—were planted out about June 20, watered when planted but not a drop since except that which falls on the just and unjust alike, and that has not fallen sufficiently to wet down one inch in ten weeks. The bed of geraniums is brilliant, and for health and display equal to or better than those that have had the everlasting squirting. Hoeing they have had in abundance.

The little talk at Detroit about the striped and parti-colored flowers of the Mirande type was instructive because it may induce many of us to try the newer shades. I would not condemn any variety because it was single, for some of the best bedders we yet have are single. The decided shades, however, will be found to suit most people. There is always a certain class of customers that are looking for something new or bad, usually represented by a lady past the prime of life with spectacles, who wants to

select "half a dozen geraniums," but that is not where the bulk of your stock goes; it is the beds of 100 plants of one shade that empty your benches, though I must confess that a most pleasing sight is a big bed of 1,000 plants containing a dozen shades.

In mentioning a few varieties that we depend on there is no pretense that they are the only ones. S. A. Nutt is still grand as a semi-double dark scarlet or crimson. Alphonse Riccard is a splendid double soft scarlet with immense truss and florets but should always be in the broad sun or it is a little shy. Ernest Lauth is still a grand old variety and can't be beat in its color, a purplish crimson. This is a great variety for vases and veranda boxes, and so is Prokop Daubeck, not particularly valuable for a bed but strong and vigorous and withstands the drying out that plants get in those unkind surroundings; a soft scarlet.

Emile de Girardin, the free flowering double pink, is entirely superseded by the beautiful, healthy, vigorous and more floriferous Francis Perkins, which is just about perfect and therefore indispensable. This variety was raised by a private gardener in Cleveland and is not yet widely disseminated. A double white was for years absent, i. e., a variety that would flower just as freely as the colored ones. Now we have a white that makes a border or a bed and is as free as Nutt, and that is La Favorite. There may be some with finer trusses but none better as a bedding plant, and in near-



Violets and Carnations growing in the same temperature at establishment of Mr. James Taylor, Mt. Clemens, Mich.

We never have too many of the ivy-leaf section, they are used so largely for vases, etc. There is no hurry about them as we always put them in the sand. The variegated and bronze varieties we treat as we do the zonales. Mt. of Snow will always be in great demand, and Mme. Salleroi, the little compact variegated, fills a decided place of its own. This useful sort we don't trouble about till near frost time, when we lift a number of plants and pot them, and propagate in January.

Lilies.

We have all our lilies potted of all sizes except the Japan longiflorum

which don't arrive till later. Don't let lilies lay around, their loose scaly bulbs dry out and this much weakens their strength. The 5 to 7 we put at once into their flowering pot, a 5-inch, but the 7 to 9 we pot now into 4-inch and when they are brought into the houses in November they are shifted into the 6 or 7-inch, or with the Bermuda longiflorum three bulbs of equal strength into an 8 or 9.

A neighbor said last spring that he believed the shifting process retarded the lilies two weeks. We beg to differ, we don't believe it, even if it should put them back a week there are so many advantages in giving them only

the 4-inch pot now. You are not dumping a lot of 6 or 7-inch pots with diseased lilies later and you save much room and labor.

We believe in putting top of bulb close to the surface, placing them outside and after a good watering cover with an inch or two of hay or straw. You won't want to be continually watering and it is better for the bulb than continually alternating between a soak and a roast.

Romans and Narcissus.

Look out for your Romans and paper white narcissus that are boxed and covered with soil outside; they need watering, a good soaking twice a week. Remember they are not in the ground, the bottom of the box stops all benefit that way.

Alternantheras.

If you have not done so already you should put in your alternantheras. A flat two inches deep of sandy loam will do for them and the cuttings put in thickly. They root so easily now, and before cold weather make fine little plants and the flats are easy to handle during the winter, doing finely on a shelf with little water.

WILLIAM SCOTT.

VIOLETS AND CARNATIONS.

We present herewith two views in the greenhouses of Mr. James Taylor, Mt. Clemens, Mich., who has been very successful in growing violets and carnations in one and the same temperature. Mr. Taylor has, altogether, 12,000 feet of glass, consisting of three houses 20x150 feet each, a violet house 16x130 and propagating houses 7x130. All the plants are in solid benches, and it is practically all one large house, as there are no partitions.

Daybreak is his leading carnation, and as this likes a lower temperature than many other carnations he finds they do well in the same temperature as the violets, namely, 40 to 45 degrees at night, and he runs closer to 45 than to 40. Both the violets and the Daybreak carnations do exceedingly well grown together in this way.

OBITUARY.

Henri de Vilmorin.

Henri de Vilmorin, of the firm of Vilmorin Andrieux & Co., seedsmen, Paris, France, died suddenly the night of Tuesday, August 22.

Mr. Vilmorin occupied an exalted position in the seed trade and was made an officer of the Legion of Honor for scientific research in connection with plant life.

When in the United States at the time of the World's Fair he met a large number of those in the trade here, and all remember with pleasure their meeting with him.

The paper read by him at the World's Fair Horticultural Congress

was by all odds the most valuable contribution presented, and he was the guest of honor at the banquet that followed that great gathering.

NEW YORK.

There's been very little of interest to relate since my last notes. The most important question of the day is the too well filled ice-boxes. Lots of stock is being sent in but the demand for it is very poor indeed. Of course the growers have no use for it home, and even the street fakirs won't look at in the city. Perhaps at no time in the history of our business have flowers been so cheap as they are today, and the prospects for any immediate rise is dim enough.

There is one point on which growers seem to stand still for the past decade, that is their method of shipping flowers to market. When one watches the cumbersome boxes being unloaded here he cannot help thinking how much room there is for improvement. Sometimes soap boxes, shoe boxes, trunks, etc., are used and most of them are tied with knotted ropes which require too much expenditure of patience to open. Then again many shipments don't more than pay expressage. Surely there is lots of room for improvement in the method of shipping flowers.

The Dewey reception is occupying considerable attention, and florists are wondering if there will be any increased demand for flowers on that occasion. The triumphal arch being built will have none or little floral decorations about it, it being made of white-staff and it seems very doubtful if the services of any florist will be required in any of the official events scheduled, perhaps with the exception of the breakfast at Claremont.

The Florists' Club will meet on the second Monday evening in September, when preparations for the convention of 1900 will be discussed and it is hoped there will be a large attendance. The Bowling Club will meet at the alleys that same afternoon. There is some talk of having a bicycle race at the next convention; you know we have lots of expert riders here who wish to test each other's steeds.

The annual dinner of the New York Gardeners' Society occurs on the second Saturday in September. The affair last year will be pleasantly remembered. Aside from the exhibition and dinner the event took the shape of a bowling tournament at which Philadelphia as usual captured the prizes. It is more than likely the Philadelphia boys will be asked to meet the New Yorkers and Flatbushers again at this affair.

Echoes from Detroit are still to be heard all over the land. Pres.-elect E. M. Wood was seen here quietly sizing up our city; some say he was only on his way home, others that he was already planning for the great event.

The florists here generally have to go away before they can enjoy themselves. There were several plans spoken of in the way of local picnics this summer, but it would seem that they are afraid to spoil their patent leathers at the seaside, or perhaps "it's beastly to eat clams don't yer know." Nothing but your dress suit and pate de foi gras for the New York florist.

Visiting our city: George Field, of Washington, D. C. IVERA.

CHICAGO.

The Market.

The supply has slightly increased and quality continues to improve. Demand has, however, dropped off some the last few days, though it is no doubt only a temporary reaction. Prices have not changed to any material degree.

All seem very hopeful of an unusually prosperous period the coming season. The general business situation is all that could be desired, and a good deal of money will undoubtedly be spent with the florist the coming winter.

Club Outing.

The Florists' Club visits the establishment of the Chicago Carnation Co., at Joliet, this Thursday (31st inst.). Train leaves Rock Island depot (not Union) at 11:45 a. m., arriving at Higginbotham Station at 1 p. m. Returning, train leaves at 6:30 p. m.

A regular meeting of the club will be held at the usual place Friday evening, Sept. 1.

Various Items.

Mr. Joseph Molek, of Jeffersonville, Ind., was in town last Saturday purchasing a stock of palms, supplies, etc.

Though bearing a German name Mr. Molek is a Frenchman, having been born in Alsace-Lorraine while it was French territory. He served seven years in the French army, and during the entire time was in the Seventh artillery. He was in the same regiment with Dreyfus, who was then a lieutenant, but not in the same company. He knew Dreyfus well and has been following the reports of the great trial closely.

He believes that Dreyfus is guilty, but that he is the least guilty one of a rotten ring. His theory is that Dreyfus became aware of the methods by which a corrupt combination of officers was lining its pockets and adroitly forced himself unbidden into this combination by possessing himself of information that was dangerous to those implicated. That he was therefore treated with, but placed in the most dangerous position, and when discovery threatened an attempt was made to clear their own skirts by throwing all the odium upon him. Mr. Molek says the French army is rottea

from top to bottom, but especially at the top.

Mr. Molek has visited all the places mentioned in connection with the Dreyfus trial. He was for three years stationed in Rennes, and was frequently on guard in front of the building in which the trial is now proceeding. In 1868 and 1869 he was stationed in French Guiana, and has passed within a stone's throw of Devil's Island, upon which Dreyfus was imprisoned.

Recent visitors: M. Rice, of M. Rice & Co., Philadelphia; Harry Balsley, Detroit; F. W. Taylor, Pan-American Exposition, Buffalo; J. J. Curran, with G. Van Bochove & Bro., Kalamazoo, Mich.

Those growers who planted in their roses very early are already cutting some excellent blooms for the season, notably Bassett & Washburn and Wieter Bros.

Mr. W. G. Newell and his bride, of Des Moines, Ia., have been spending their honeymoon in this city. They return to Des Moines in a few days.

Charles F. Klunder has filed a petition in bankruptcy. He schedules liabilities of \$82,067 and states that he has no assets.

ST. LOUIS.

The Market.

Business has shown some improvement, especially in the line of funeral work. There are flowers enough for the demand, except carnations and Beauties. A few good asters are still coming in; the bulk of them are very poor. The best are sold at \$1.50; others 50 cents per 100. There is an unusually fine crop of Kaisers coming in just now; the extra select bring \$4 and the poorer go at \$2. Brides and Maids, \$3 and \$4. Meteors and Perles, \$2. The best carnations sell at \$1; seconds, 50 cents. Gladiolus and tuberoses stalks bring \$4 and \$5. Hardy hydrangeas are in good demand for funeral work, \$4 per 100 is the price.

Notes.

M. Rice, of Philadelphia, was in town last week visiting among the trade. Mr. Rice reports business exceptionally good, having booked a large number of orders here and at the convention.

The next meeting of the Florists' Club will be held Thursday, Sept. 14, at 3 p. m. President-elect Ammann and President Sanders expect a large attendance. The installation of the new officers will take place and other matters will come up that will be of great importance to all. At this meeting President Kunz, of the Bowling Club, will tell all who did not attend the convention all about Detroit and how the bowlers lost the Evans cup. Those who want to spend an enjoyable afternoon should not fail to attend.

A plant called the Boat plant is in full bloom at Shaw's Garden. There are two of them, and each have a

dozen blooms, all the shape of a Chinese gondola. The plants are attracting much interest from local botanists, who say they are unusually good specimens.

Mr. and Mrs. F. C. Weber, Mr. and Mrs. John Young and Mr. and Mrs. C. A. Kuehn were the last to come home from the convention, having spent another week in the neighboring towns of Detroit.

F. W. Pape and C. Bergstermann have leased the greenhouses of Wm. Pape and will take charge Sept. 1. The firm will be known as Pape & Bergstermann, and will do a general florist business.

Thomson, Anderson & Kennedy are building for the city, in Forest Park, a palm house, 20x120 feet.

J. J. B.

BUFFALO.

Except with flowers whose destination is the cemetery trade is naturally very dull. Carnations are about gone. Asters help out a great deal and roses are good, what we get of them. If we had 48 hours' rain it would help all nature, including our outside flowers away from the reach of the hose; and unless you can water copiously you had better not begin.

The brothers Poor, two young Englishmen, who have started a small place on Delaware avenue, near the cemetery, are growing some fine asters and experimenting with many strains and varieties. May their name be no indication of their success. They are hustlers up-to-date.

The chief social event in florists' circles is the impending matrimony of Wm. Anderson Adams and Miss Besie Patterson, which will be solemnized in this city on Tuesday, September 5, at 8 p. m., eastern standard time. The decorations and how Andy behaved himself will be recorded in a future contribution. I can say in advance that the future Mrs. Adams is a sweet, amiable girl, and both of them being pure blooded Scotch they must be near the salt of the earth. As everybody knows, Andy is not a large man, but nature has compensated for a tardy distribution of bone and flesh with a very liberal allowance of vim, get up, gall and get there, and we pray that these energetic and desirable qualities may not fail him in the great ordeal he has contracted to pass through. There will be few florists at the execution, but Andy says we shall all have a show when he is in "his" house and warms it up.

It is very pleasing to hear the many nice things said about Detroit from various sources. Sorry Brother Kiff's advice about the picture came too late. The nice comments about Wm. B. are appreciated by that solid young man. He says, "You see papa's blood will tell," and then across the table David J. (there is no George as yet) says, cruelly, "Yes, Willie, that's true, and age like blood will also tell." But what is age? As long as John West-

cott can bowl surely we must keep at it.

Convention stragglers did not get done until end of the week. Mr. F. R. Pierson was, I think, the last, and very sorry we did not meet him.

Mr. S. A. Anderson, who was confined to the house five weeks with typhoid fever, is again entirely recovered, attending to his yacht skimming over the surface of Lake Erie or over the surface of the asphalt pavement on his automobile and incidentally attending to his good looking store.

There are several of us who would like to begin lifting carnations, for it is high time, but outside of the city there has been no rain for at least ten weeks and it is about impossible to puncture the ground till we get a rain. W. J. Palmer has one or two houses planted and I suppose he flooded the ground a few days before lifting. If we get another season like this we will move to western Nebraska, where there has been more rain than is good for the corn. Our climate has produced corns and dry land crabs,

W. S.

CLEVELAND.

Cut flower trade remains about the same, the only thing doing is funeral work which has been more abundant the past week. Carnations are more plentiful; roses are somewhat improved. Japan lilies are a drug on the market, being used mostly in work. Gladiolus are to be seen everywhere, but no sale for them. They go at any old price. Carnations bring 75 cents and \$1 per 100; roses \$2 to \$6 per 100. Japan lilies, short, \$2; long, \$5 per 100. The dry weather has almost finished the sweet peas. Asters are more scarce and bring 75 cents and \$1 per 100. Tuberoses \$5 per 100. Orchids, Cattleya, retail at 75 cents and \$1 each.

Mrs. J. M. Gasser has returned from her trip up the lakes. She was the guest of Mrs. Phil Breitmeyer during the convention and cannot say enough for them for the courteous manner in which she was entertained.

The local club took care of the florists passing through our city. The committee met the Pittsburg delegation and took them to the Weddell House for dinner. The party numbered about 60. The Cleveland florists did their duty as entertainers in Detroit. Every florist who did not have a girl with him entertained some fellow's girl. Miss M. Schmitt recovered the box she left at the Cadillac, which she thought lost. It contained a valuable collection of insects, one of which she claims is the famous kissing-bug caught by Mr. G. Goo of Cincinnati, O., at Water Works Park. Miss Besie Miller of Lynn, Mass., had a narrow escape on Belle Isle. She became frightened and almost overturned the rig she was riding in; only for the timely arrival of Mr. Prunne from Philadelphia, was an accident avoided. The rear guard of the Pittsburg delegation passed through our city this

morning. Mr. C. C. Ludwig and wife, Fred Burki and wife, Fred Hinkel and wife and Link Neff visited our stores and saw some of the sights after which all delegates and some local florists proceeded to the depot and after Jim Murdock and Snow Randolph were awakened we all shook hands and wished them God-speed and a safe journey. Mr. Gasser was rather disappointed as he had made all arrangements to receive the boys Sunday morning. He had a committee at the dock to escort them to his Lake avenue home, but John Breitmeyer would not hear of their leaving Detroit until Monday; they will never know what they missed. Some representatives from New York, Canada, Indiana, and Pennsylvania enjoyed Mr. Gasser's hospitality.

It has just been announced that some large decorations have been let; in the near future there is a good time coming.

Mr. and Mrs. Frank Williams have just returned from a two weeks trip. They took in the convention.

Mr. Thrall from Jamestown, N. Y., was a visitor this week. He tells us his company will open a wholesale store in New York this fall.

O. A. C. O.

DETROIT.

The long looked for convention has come and gone but to remain a pleasant memory of the past, and the boys are feeling good over the result, for with one or two exceptions they think all went well. One feature of the entertainment for which they feel regret was the supper at Star Island, so many having to wait so long before being permitted to satisfy their hunger. But the management was not to blame. The proprietor had promised the Detroit Club to run three long tables the entire length of the dining-room and to seat 500 at once, and instead of doing as he agreed he only seated 240 at one time, but we made the best of it, and if some were not satisfied they must lay the blame where it belongs and not at the door of the Detroit Florists' Club.

By the time this reaches your readers the writer will be enjoying himself and taking a much needed rest on the waters of Lake Superior. The bowlers are already talking of what they will do in New York next year, for they propose to begin taking nerve at once to the end that they may have a sufficient quantity with them.

J. Austin Shaw has so far recovered as to leave for his home. He feels that he had a very narrow escape and says that hereafter he will only take a bath once a year, and then all by himself. Anyone wishing a copy of the photograph of the members of the S. A. F. taken at Detroit can secure one by addressing G. A. Rackham, Detroit.

RAG.

The weather is very hot and dry. Grasshoppers and black bugs are eat-

ing up asters, making them very scarce here.

The arch erected for the S. A. F. has been purchased by the Foresters and used this week, and the Odd Fellows want it for their convention next week.

The florists here are very well pleased with the convention and talk of making a big effort to go to New York next year. Our howling club is still figuring out how they lost it. At the next meeting of the club they will have a trial and judgment will be passed on them. F.

Frank Danzer, who has for the last four years been in charge of the cut flower department of A. W. Livingston's Sons, Columbus, O., has returned to Detroit, and on August 28th opened a floral store at 228 Woodward avenue. Mr. Danzer was in this city for five years prior to his going to Columbus, O., and is well known in the trade here, all wishing him success in his new venture.

HARTFORD, CONN.

The September exhibition of the Connecticut Hort. Society will be held September 6, 7 and 8. Special classes have been added for dahlias and gladioli.

In dahlias a gold medal and diploma are offered for best general display, all classes admissible, not less than 100 vases, and prizes of \$8, \$4 and \$2, for best collection, not less than 50 varieties, 3 blooms of each. Prizes of \$3, \$2 and \$1 are offered in each of the following classes: Collection of Show dahlias, Collection Decorative, Collection Cactus, Collection Pompon, Collection Single and Collection Fancy. Prizes of \$1 and 50 cents are offered for best vase each of 12 blooms of A. D. Livoni, Grand Duke Alexis, Wm. Agnew, Clifford Bruton and Nymphaea. Prizes are also offered for best new variety not yet in commerce and largest bloom, any variety.

In gladioli a gold medal and diploma are offered for best display of named and unnamed varieties, filling 100 vases, arranged for effect with any foliage. Prizes of \$3, \$2 and \$1 are offered for 20 vases arranged for effect; \$2 and \$1 for 10 vases; and \$1 and 50 cts for 6 vases.

Further information and copies of the list may be had of C. H. Boykett, Secretary, 126 Westland St., this city. R.

GRAND RAPIDS, MICH.

Business is dull, roses and carnations scarce, yet sufficient to meet the light demand. A few Japan lilies can be seen in the store windows, also quantities of out of door flowers, marigolds, single sunflowers, etc., to make a show, and when tastily arranged are effective. Repairs and building are going on apace and all are beginning to get in their carnations, particu-

Clear Cypress Greenhouse Material.

This *with us* means the best growth of Cypress Lumber and the best grade of that growth; and from this grade all the sap—bright sap, which only experts can detect—as well as stained sap, knots and other defects cut out. Others do not equal our quality if they do beat our prices. It is not hard to see the reason: You can not buy gold dollars at fifty cents each. Experienced growers know that the best is not too good and cheapest in the long run.

Write for Circulars
or Estimates.

Lockland Lumber Co.,
LOCKLAND, O.

Mention The Review when you write.

larly as we have a drought on hand which promises to be of long duration; it came too late to make any material difference in the carnation crop, as they have already attained a planting size.

The late convention is still the topic of conversation with every one you meet. Those who were unable to go, regret the fact, the more so, when they hear the glowing accounts of the exhibitions, the meetings, and last but not least, that delightful boat ride and fish supper.

W. Bruins-Slots & Sons, who but recently leased F. A. Chapman's greenhouse for a term of years have met a serious set back. They were visited by a destructive fire, at midnight, which destroyed the shed, the ends of all houses connected with it, including the contents of the houses, the palm house being among those destroyed. F. A. Chapman carried insurance on the buildings, which, while it does not cover the damages wrought, puts the buildings again in shape and work is being pushed as rapidly as possible. As a trunk in the shed, which contained considerable clothing, was found empty, robbery and incendiarism is suspected.

Continued hot, burning weather. Every atom of vegetation is being fairly cooked. Many of the carnation plants are beginning to shrivel up and die; unless relief comes soon, the damage will be great.

Business is parboiled, an occasional funeral order being about all there is doing.

The number of Grand Rapids florists who attended the convention was nine. GEO. F. CRABB.

BATAVIA, ILL.—Williams & Sons Co. are adding a new greenhouse and office. The new greenhouse of F. E. Pearson is now about completed.

WEST MEDFORD, MASS.—Carl J. Dane has purchased the greenhouses of Mrs. J. N. Jewett, Winchester, Mass., and will run them in connection with his houses here.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR SALE—A bargain, if taken at once. \$150.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

WANTED—Assistant foreman, must be good, rapid propagator, capable of taking charge of plant department. Address Crabb & Hunter, Grand Rapids, Mich.

WANTED—To rent, a few small greenhouses, must be on the North Side, Chicago. Address 20, care of Florists' Review

SITUATION WANTED—By a sober, industrious man, age 34, as gardener and florist, 15 years' experience in floral and horticultural branches; capable of running a small place. Address 00, care Florists' Review.

WANTED—Single man, of good, steady habits, to take care of roses and carnations and to assist at other work; a steady place. Address C., care Florists' Review.

WANTED—One or two good second-hand boilers. Must be cheap and in good condition. Address Jas. Morton, Clarksville, Tenn.

WANTED—My gardener going home to Germany, I want a gardener. Orchid, stove and greenhouse plants, garden, lawn, fires; private place. Wm. H. Chadwick, 632 Rialto Bldg., Chicago.

WANTED—Two unmarried men for general greenhouse work. Apply to A. H. Schneider, Oak Park, Ill.

FOR SALE—Lease of 5,000 feet of commercial glass and stock for same.

Good condition. Chicago suburb.
Apply to 40, care of Florists' Review.

Mention the Review when you write.

WANTED.

Two Experienced PLANT PACKERS.
Must know the business thoroughly.
Steady position, good wages.

Address KENTIAS,
Care of Florists' Review.

When You Visit Philadelphia.....

Don't fail to call and see our immense and varied stock of

FLORISTS' SUPPLIES.

WE HAVE ALL THE NOVELTIES, THE LATEST IMPORTATIONS, AS WELL AS STANDARD GOODS.

You can see them to advantage in our new five-story building, the largest and handsomest quarters of any supply house in America. Make our place your headquarters. We are always glad to see you.

Catalogue for the asking.



918 Filbert Street, - - - PHILADELPHIA, PA.

Mention The Review when you write.

A FEW OF OUR LEADERS

Our Famous and Unexcelled.....

- Wheat Sheaves,
- Palm or Cycas Leaves (both dull or natural and glazed finish).
- New Crop Cape Flowers (fine and large),
- Baskets, Hampers,
- Pot Covers,
- Plant Stands,
- Immortelles, Doves,
- Chenille, Foil,
- Metal Designs,
- Artificial Flowers and Leaves,
- Dried Grasses, Etc.

PRIMROSES.

(Chinese), 3 colors; (Obconica Hybridum), (Obconica Frimbriatum), 3-inch pots, fine stock, ready for 5-inch pots, \$5.00 per 100.

ROSES-the Bride.

3½-inch pots, as strong as generally sold from 4-inch pots, \$5.00 per 100.

CYCLAMEN.

Finest strain, in four colors, 2½-inch pots, \$5.00 per 100.

Chrysanthemums.

We still have a quantity of the best varieties suitable for late planting. Our selection, from 2-inch pots, \$2.50 per 100; \$20.00 per 1,000; 250 at 1,000 rate.

NATHAN SMITH & SON, Adrian, Mich.

PANSIES

The Jennings Strain of finest American Grown Pansies are considered by many florists to be the leading strain to date. All large flowering and of the most brilliant colors, and are sure to give satisfaction. Finest mixed seed, \$1 pkt., \$3 per ½ oz., \$5 per oz. Finest white, yellow, black and blue, 50c pkt. of 1500 seeds. Cash with order.

E. B. JENNINGS, Southport, Conn.
Lock Box 254. Grower of the Finest Pansies.
Mention the Review when you write.

HOW TO GROW Chrysanthemums..

82 pages, well illustrated. A practical compilation of matter contributed by many of the leading experts of the day. By far the best work on this subject ever written. It contains instructions for each month in the year, also chapters on Training, Diseases, Seed Saving, etc.

Only 25 Cents.

Published by

AMERICAN GARDENING, 133 Liberty Street, NEW YORK.

Mention The Review when you write.

CHINESE PRIMROSES.

Ready for 3-in. pots. Well known throughout the United States and Canada as the finest large flowering fringed varieties grown. Singles, named colors, \$2.50 per 100, \$20.00 per 1000. Doubles, named, \$1.00 per 100, \$35.00 per 1000. Extras added to help pay expressage. Strictly cash prices.

THE HOME OF PRIMROSES.

JOHN F. RUPP, Shiremanstown, Pa.

Mention the Review when you write.

Herr's Pansies.

There is nothing more satisfactory than a good strain of Pansies and nothing more unsatisfactory than a poor one. Mine are the satisfactory kind.

PLANTS ONLY.

Free by mail at 75c per 100; 250 for \$1.50; 500 for \$2.50. By express, \$4.00 per 1,000. A limited supply of Seed from a first class strain at \$1.50 per quarter ounce.

ALBERT M. HERR,
Lancaster, Pa.

Mention The Review when you write.

Zirngiebel Giant Pansy.

Seed is \$1.00 for trade pkt., or \$5.00 per oz. Also plants of the above at the same rate as common varieties, \$5.00 per 1,000, securely packed to go any distance. Large transplanted plants, for winter bloom, at \$2.00 per 100.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.
Mention The Review when you write.

Pansies WORTH RAISING....

Excellent Seed, 3-16-oz. \$1.00; 1-oz. \$1.00. Cash with order.

G. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.
Mention The Review when you write.

C. C. POLLWORTH.

C. C. Pollworth, who is now conducting the business of the firm of Ellis & Pollworth since the retirement of Mr. Ellis, July 1st, is one of the best known road men throughout the western states.

They handle all kinds of florists' supplies, bulbs, wire work, cut flowers, palms and ferns, etc. Their wire department is one of the largest in the country, with a reputation for turning out firm and attractive work.

Albert Hage has charge of the green-houses and a trip through them is time well spent, as their stock of palms and ferns is as fine as can be grown and everything is kept in up-to-date shape.

The cut flower department is under the management of Walter Halliday, who was one of the originators of layer packing, before the time when stock was shipped out in bunches. Their improved cut flower box is in large demand.

Mr. Pollworth personally looks after the interests of all their customers and his wide acquaintance with the trade ought to insure him success in his undertaking. The business will be conducted under the firm name as heretofore.

DES MOINES, IA.—W. G. Newell, foreman for W. L. Morris, was married August 23rd, the bride being Miss Ida Rowell. The happy couple are now in Chicago and will return to this city about September 1.

EVANSVILLE, IND.—George W. Newett, former chief of police of this city, and a son of the well known Chicago florist, died August 11, aged 51 years.

SARATOGA, N. Y.—The annual floral fete will this year extend over three days, Sept. 5, 6 and 7. The floral parade promises to excel all previous ones in size, beauty and magnificence.

SIoux CITY, IA.—A flower festival and business carnival will be held in this city Sept. 6 to 16.

PANDANUS VEITCHII

6-inch pots, \$12.00 a dozen.
7-inch pots, 18.00 a dozen.
8-inch pots, 24.00 a dozen.

Stock is in excellent condition.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R. GERMANTOWN, PA.
Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

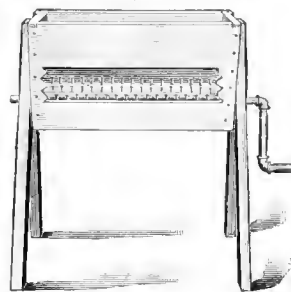
Mention The Florists' Review when writing advertisers.

Run your Carnation Soil through one of our Machines, it will pay you...

It can be regulated so as to make the soil fine or coarse, as you wish. Stone and gravel have no effect on it, it is made very strong.

We guarantee it will do the work far better and quicker than it can ever be done by hand. The Cylinder is framed with Iron Plates to prevent its wearing out.

(Patent applied for)



Price for No. 1 \$5.00, Price for No. 2 \$10.00.

BUFFALO, N. Y., July 24, 1899.

FLORISTS' SUPPLY CO., North Tonawanda, N. Y.
Gentlemen — The machine we ordered of you came in due time and have used it to break up dirt for two houses. Would say that we consider it a labor-saving machine, two men can do what six would do in the same time.

Yours very truly, W. J. PALMER & SON.

Mr. WILSON, Manager for J. C. Vaughan, Chicago, Ill.—We would not try to get along without one now.

Mr. LEWIS ULLRICH, Wholesale Grower, Tiffin, Ohio.—It works very good. I would not sell the machine for three times what I paid for it unless I could get another one.

THE FLORISTS' SUPPLY CO., Box 56, North Tonawanda, N. Y.

4 Acres Field-Grown Carnation Plants, 100,000

Our Carnations this year are very fine. They have been grown with the greatest care, free from disease, and packed by our improved system of packing by which we can send to all parts of the United States in perfect condition.

MRS. BRAOT \$2.00 per dozen, \$10.00 per hundred.	WHITE CLOUD \$2.00 per dozen, \$10.00 per hundred.
MAYOR PINGREE \$1.50 per dozen, \$8.00 per hundred.	LILY DEAN \$1.50 per dozen, \$8.00 per hundred.
C. A. DANA CRIMSON SPORT CAP. KING	ARMAZINDY DAYBREAK HELEN KELLER \$1.25 per dozen, \$6.00 per hundred.
MCGOWAN BRIDESMAID	L. L. LAMBORN PORTIA MRS. FISHER \$1.00 per dozen, \$5.00 per hundred.
FLORA HILL METEOR ELDORADO	STORM KING JUBILEE TRIUMPH \$1.00 per dozen, \$5.00 per hundred.
IVORY WM. SCOTT	SWEET BRIER ALBERTINI TIDAL WAVE \$1.00 per dozen, \$5.00 per hundred.

PANSY PLANTS. Grown from extra choice seed of our own production and not surpassed in variety, size, beauty of coloring and freedom of flower by any others grown. 50 cents per hundred, \$4.00 per thousand.

Mention The Review when you write.

J. L. DILLON, BLOOMSBURG, PA.

CARNATIONS....
FIELD GROWN PLANTS.
Medium to large.

Per 100		Per 100	
Melba.....	\$12.00	Storm King.....	\$5.00
Jubilee.....	6.00	Welesley.....	5.00
Albertini.....	6.00	Mrs. F. Joost.....	6.00
Pingree.....	6.00	Fire Fly.....	5.00
Mrs. Dubme.....	6.00	Argyle.....	5.00
McBurney.....	6.00	Evelina.....	7.00
Triumph.....	7.00	Empress.....	7.00
Hector.....	8.00	Mrs. Jas. Dean.....	6.00
Armazindy.....	6.00	John Young.....	6.00
Portia.....	5.00	Uncle John.....	6.00

H. WEBER & SONS, OAKLAND, MD.

MANCHESTER, MASS.—Tappan & Spry have dissolved partnership by mutual consent. Mr. Tappan will continue the business on Pine street, while Mr. Spry has leased land on Bridge street and has broken ground for two houses, one 18x100 and another 9x100.

FIELD GROWN CARNATIONS.

BEST NEW AND STANDARD VARIETIES. Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

30,000 FIELD GROWN CARNATIONS.

Scarlet Wave, Daybreak, Scott, Tidal Wave, Alaska and Sebec. Extra fine plants, \$5.00 per 100, \$45.00 per 1,000. Cash with order.

Also a large assortment of PALMS, RUBBERS, CYCAS and BAY TREES. Prices on application.

H. C. STEINHOFF,

578 Hudson Boulevard, West Hoboken, N. J.

IF YOU have any surplus stock to offer to the trade remember that you can sell it most quickly and cheaply through an offer in the Review's Classified Plant Ads.

Dreer's Special Offer of Araucarias.



Araucaria Excelsa.

We have this season an exceptionally large stock of Araucarias, clean, well-grown plants of exceptional value.

Araucaria Excelsa.

- 4-inch pots, 8 to 10 inches high, 2 to 3 tiers..... \$.60 each.
- 5-inch pots, 12 to 14 inches high, 3 tiers..... 1.00 each.
- 6-inch pots, 15 to 18 inches high, 3 to 4 tiers..... 1.25 each.

Araucaria Excelsa Glauca.

- 6-inch pots, 12 to 15 inches high, 3 tiers..... \$1.25 each.
- 7-inch pots, 15 to 18 inches high, 3 to 4 tiers..... 1.75 each.

Araucaria Robusta Compacta.

- 5-inch pots, 6 to 8 inches high, 2 to 3 tiers..... \$1.25 each.
- 6-inch pots, 12 inches high, 3 tiers..... 1.50 each.
- 7-inch pots, 18 inches high, 3 to 4 tiers..... 2.00 each.

For a full line of Decorative Plants and other Seasonable Stock see our Quarterly Wholesale Trade List.

HENRY A. DREER,
714 Chestnut St., PHILADELPHIA.

Mention the Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

JUST ARRIVED - FRESH SEEDS OF

- Kentia Belmoreana, \$4.00 per 1000 Seeds.
- Kentia Forsteriana, \$4.00 per 1000 Seeds.
- White Unsold.

J. M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention the Review when you write.

CABBAGE PLANTS.....

Field grown, 15c per 100, \$1.00 per 1000; if by mail, add 10c per 100.

Write for prices on large lots for fall planting.

Parsley. Strong plants, 35c per 100, \$2.50 per 1000; if by mail, add 20c per 100.
Other Vegetable plants in season. Cash with order.

R. VINCENT, JR. & SON,
White Marsh, Md.

Always mention the Florists' Review when writing advertisers.

5,000 Begonia Rex and 5,000 Primroses, EXTRA FINE.

POT PLANTS.

- | | |
|---|--|
| Begonia Rex, assorted, 2 1/4-inch..... \$1.00 per 100 | English Ivy, 2 to 3 feet..... \$5.00 per 100 |
| " named..... 6.00 " | Manettia bicolor, 3-in..... 6.00 " |
| Begonia Tuberosa, 2 1/4-inch..... 5.00 " | |
| Lemon Verbena, 2 1/4-inch..... 3.00 " | GERANIUMS - 2 1/4-in. Sweet Scented, |
| Impatiens Sultana, 2 1/4-inch..... 3.00 " | Mrs. Pollock, Pansy, 4.00 " |
| Primrose, Chinese, 2 1/4-in., Extra Fine strain..... 3.00 " | Mrs. Parker..... 6.00 " |

ROOTED CUTTINGS.

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|---|--|
| GERANIUMS - Assorted..... \$1.50 per 100 | Abutilon Var. Trailing..... \$2.00 per 100 |
| Mixed..... 1.25 " | Begonia Rex..... 2.00 " |
| Mars, Happy Thought, 3.00 " | " Incarnata Gigantea..... 2.00 " |
| Mrs. Pollock..... 2.00 " | " Flowering..... 2.00 " |
| Mrs. Parker..... 4.00 " | Impatiens Sultana..... 2.00 " |
| Silver Leaf, Rose Scented, Ivy..... 1.50 " | Manettia bicolor..... 2.00 " |
| Mme. Salleron..... 1.25 " | Lemon Verbena..... 1.50 " |
| Freak of Nature..... 4.00 " | |

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Mention The Review when you write.

Perry Watson & Co.
CALIFORNIAN SEED HOUSE

- SPECIALTIES -

- | | | |
|--------------|-----------------|--------------|
| Onion Seed | Sweet Peas | Lima Beans |
| Lettuce | Cosmos | Soft Bush |
| Celery | Hollyhock | Bromus Grass |
| Carrot | Verbenas | Bermuda " |
| Salsify | Asters | Johnson " |
| Parsnip etc. | Mignonette etc. | etc. |

ALL CALIFORNIA GROWN. WHOLESALE ONLY.

SACRAMENTO CALIFORNIA
Mention The Review when you write.

30,000 SMILAX, from 2-in. pots, fine strong plants, \$1.50 per 100; \$13.00 per 1000. Hydrangea Otaksa from 4-in. pots, \$3.00 per 100. Cash with order.

FRED BERNER, Cape May City, N. J.

Always mention the Florists' Review when writing advertisers.

Begonias.

ASSORTED VARIETIES, FROM TWO-INCH POTS.

\$2.00 per hundred.

EXTRA STRONG. CASH PLEASE.

Grevillea Robusta, 2-inch pots, strong, per 100 ... \$2.50

EDWARD B. JACKSON

STAMFORD, CONN.

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E. H. HUNT
THE "OLD RELIABLE" FOR
**Wholesale
Cut Flowers**
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention the Review when you write.

CINCINNATI.

Trade Conditions.

A majority of the craft report summer trade considerably better than former years. Business is not brisk, but the demand has been steady with enough funeral work now and then to relieve the monotony.

Roses are still very poor. Those cut from young stock do not sell well on account of their short stems. The market is well stocked with good asters of the Semple strain, which find a ready sale and have forced carnations to take a back seat for a while. Messrs. George & Allen are sending in some fine valley, which goes fairly well at \$4 per 100. Tuberoses are a glut on the market, and even the fakirs can hardly be coaxed to handle them. Sweet peas are about over for this season; no good ones to be had.

Various Notes.

A new stock company has been organized to revolutionize the florist business of this city. Plans are not mature just yet, but we can look for great results in the near future.

C. W. McKellar, of Chicago, spent several days with us last week. He was down to see his brother Albert, who is a member of the Thirty-first regiment, and expects to leave for the Philippines this week.

Robert Ehr Gott will leave next week for Canon City, Col., where he will spend several years on account of poor health.

Miss Bessie Critchell, who was injured in a runaway accident last week, is improving nicely and will be out in a few days.

Mr. E. Valdejo, of New Orleans, was a caller this week.

DULUTH, MINN.—The fifth annual exhibition of the Duluth Flower Show Association was held Aug. 18 and 19.

DECATUR, ILL.—Mrs. K. Daut, Jos. Charoune, manager, is building two houses 11x75, one 14x75 and one 16x75. Also is putting up new windmill, tank, barn, sheds, etc., and will have a model place when the improvements are completed.

REINBERG BROS. 800,000 FEET OF GLASS.
No charge for packing.

**Wholesale Growers of
Cut Flowers**

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine . . .

AMERICAN BEAUTIES.

51 Wabash Ave., CHICAGO

We now close at 5:30 p. m. Sundays and Holidays at noon.

Mention The Review when you write.

Wholesale Price List.

AMERICAN BEAUTY			
24-inch stem	per doz.	\$2.00	
20 " " " " " " " " " "	"	1.50	
15 " " " " " " " " " "	"	1.25	
12 " " " " " " " " " "	"	1.00	
8 " " " " " " " " " "	"	.75	
METEOR	per 100,	3.00 to	\$4.00
BRIDESMAID	"	3.00 to	4.00
BRIDE	"	3.00 to	4.00
PERLE	"	2.00 to	3.00
CARNATIONS	"	.75 to	1.00

Quotations subject to change without notice. All other stock at lowest market prices.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of
and Dealers in **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

W. E. LYNCH
Wholesale Florist,

19-21 E. Randolph St. CHICAGO.

Mention The Review when you write.

A. L. RANDALL
Telephone 1496 Wholesale Florist

4 Washington St., Chicago.

In our new and enlarged quarters we are better prepared than ever to handle your orders.

Mention the Review when you write.

WHOLESALE DEALER IN
GROWER OF ROSES. CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St., CHICAGO.

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.



**H. Berning
G. Florist**

WHOLESALE FLORIST,

1322 Pine Street,
ST. LOUIS, MO.

Mention the Review when you write.

ELLISON & TESSON,

WHOLESALE SHIPPING

FLORISTS

3134 Olive Street, ST. LOUIS, MO.
...Home Grown Stock...

Mention the Review when you write.

**Maplewood Cut Flower and
Plant Co.** GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

**Cincinnati
Cut Flower Co.**

W. A. MANN.
FRANK W. BALL.

416 Walnut St. CINCINNATI, O. Wholesale Florists

Consignments Solicited. Special Attention Given to Shipping Orders.

Mention The Review when you write.

KENNICOTT BROS. CO.

**Wholesale Cut Flowers
and Florists' Supplies.**

42 and 44
Randolph St., **CHICAGO.**

Mention the Review when you write.



51 Wabash Ave., Chicago.

W. S. HEFFRON, Mgr.

Mention The Review when you write.



FANCY

DAGGER

HARDY CUT FERNS

In 1000 lots, 75c per M. Discount on larger orders.
Also dealer in **Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.**

L. B. BRAGUE, - Hinsdale, Mass.

Mention The Review when you write.

12,000 Rose Plants

occupy our propagating houses and **MUST BE MOVED AT ONCE** to make room for 50,000 Verbena and Petunia Cuttings.

In order to move this stock quick we will fill orders at half value for thirty days. Every plant guaranteed as fine as you ever saw; out of 3½ and 4-inch pots. Meteors, Brides, Perles, Maids and La France, at \$4.00 per 100, cheap at \$3.00. Beauty and Mrs. Garrett, strong, 3-inch, at same price. First come, first served.

20,000 Field Carnations, standard sorts, \$3.50 per 100. Fine plants.

Smilax, extra strong, ready to string, \$1.00 per 100. Fine strings, 8 feet long, 15c. Cash with order.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

Rooted Cuttings of Carnations ALL SOLD.

We are booking orders for Field Grown Plants.

GEO. HANCOCK & SON, Grand Haven, Mich

Always Mention the....

Florists' Review

When Writing Advertisers.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES:

We have the
LARGEST WHOLESALE
House in Chicago.

**Orchids, High-Grade Roses,
Carnations and Violets.**

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

WESTERN HEADQUARTERS FOR..... FLORISTS' SUPPLIES, PALMS, FERNS, WIRE WORK, CUT FLOWERS, ETC.

Use **MASTICA** for Building and Repairing your Greenhouses.

Write for samples and prices of our

Improved Folding Cut Flower Box.

ELLIS & POLLWORTH, - MILWAUKEE, WIS.

Mention The Review when you write.

FIRST QUALITY FORCING ROSES == PERFECTLY HEALTHY and grown especially for late planting.

Only selected growth from flowering shoots used in propagating.

SUNSETS. SAFRANO. PRESIDENT CARNOT. KAISERIN. METEOR.
MAIDS. WOOTTONS. PERLES. MME. HOSTE.

3-inch pots, \$5.00 per 100; 4-inch pots, \$8.00 per 100.

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J. L. DILLON, BLOOMSBURG, PA.

ROSE PLANTS.

To close out — 2000 MAIDS, \$3.00 per 100;
\$25.00 per 1000. ALL FINE STOCK.
Cash with order from unknown parties.

BRANT & NOE, Forest Glen, Ill.

Mention The Review when you write.

We are now cutting

NEW BRIDES, MAIDS AND BEAUTIES,

also **FINE LOT OF ASTERS.**

Still a few **Brides, Woottons and Beauties**
also **Smilax.** Write

GEO. A. KUHL, - - Pekin, Ill.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

SEND IN YOUR ORDER NOW

for a copy of the **FLORISTS' MANUAL.**

FLATBUSH, N. Y.

Thursday, the 24th, was bowling night at Flatbush and a few friends of the club went over to sympathize with the boys. It was strange to see O'Mara and Traendly among this delegation but adversity makes friends of all. Papa Zeller announced that the silver cup presented by the Royal Arcanumites of Brooklyn would be given to the member of the club making the highest average in the games during September. Louis Schmutz won the cucumber offered by Dailledouze Bros. for the highest score by a member, but the majority of the "pots" went to New York. The following are the scores:

P. Dailledouze	135	123	121
H. Dailledouze	134	124	104
Woerner	110	100	92
O'Mara	109	147	170
Stewart	151	98	137
Riley	162	146	134
Schmutz	182	140	125
Raynor	175	145	124
Woecker	110	128	90
Papa Zeller	112	148	95
Traendly	122	133	190
Donlan	115	171	158
Joe Manda	91	112	165

Dave Mills hasn't recovered from the shock yet. J. I. D.

AMERICAN CARNATION SOCIETY.

Messrs. Crabb & Hunter, Grand Rapids, Mich., have registered the following carnations:

Irene—A cross between Albertini and Daybreak, with the color of Albertini, a perfect calyx that never bursts, and long, stiff stems. It has a strong clove fragrance, and is a good keeper, rather freer in bloom than Scott, and a good, healthy grower.

Mme. Chapman—The Grand Rapids sport of Daybreak, in color between a Daybreak and a Victor, being a better color than Victor, habit similar to Daybreak.

ALBERT M. HERR, Secretary.
Lancaster, Pa.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

Lager & Hurrell register *Cattleya Gigas atropurpurea*; well balanced flower; sepals and petals extremely dark; lip very large, intense purple.

Cattleya Hardyana Robbiana; flowers very large; sepals and petals rosy mauve; lip deep crimson, veined on disc with yellow, the large yellow spots on each side traversed with magenta veins radiating from the center. A natural hybrid from Columbia.

Roses, Carnations and Violets.

Bridesmaids, 3-in. stock	\$5.00 per 100.
Meteors, 2½-in. pots	4.00 "
Kaiserin, 4-in. pots	8.00 "
Violets in 2½-in. pots	3.00 "
Field Grown Carnations, ready after Sept. 1st, all the leading varieties	\$5.00 a 100, \$40.00 a 1,000.
Field Grown Violets	5.00 40.00 "

WM. F. KASTING, 481 Washington St., Buffalo, N. Y.
Mention The Review when you write.



REGULAR SHIPPING ORDERS RECEIVE SPECIAL ATTENTION.

WIEF TOR BROS.
Wholesale Growers of
CUT FLOWERS, 51 Wabash Ave.
CHICAGO.

WHOLESALE PRICE LIST.

American Beauty, 21-inch stem	per doz., \$2.30	Meteor	per 100, \$3.00 to \$4.00
" 20 "	" 2.00	Bridesmaid	" 3.00 to 4.00
" 15 "	" 1.50	Bride	" 3.00 to 4.00
" 12 "	" 1.25	Perle	" 2.00 to 3.00
" 8 "	" 1.00	Carnations	" 1.00 to 1.50

We close at 5:30 p. m. during July and August.

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1899 **CONTRACTS** 1899

Now I am open to quote prices on all Bulbs, Plants and Roots for next season. Send in your list of wants for quotations.

F. W. O. SCHMITZ, JERSEY CITY, N. J.

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Burpee's Seeds Grow

SMITH & SMITH,

Box 869, 337 Sixth Ave. Pittsburg, Pa.

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Greenhouse Real Estate,
and Pipe, Glass,
Fittings, and other
Greenhouse construction
material.

We have an exceedingly good bargain—
Suburban Greenhouses and City Store-
room. Write for particulars and price.
Mention The Review when you write.

Primrose.

CHINESE PRIMROSES, single, mixed, 2-inch pots, per 100	\$2.00
Obconica Grandiflora, 2-inch pots, per 100	2.50
Forbesii "Baby Primrose," 2-in. pots	4.00
ASPARAGUS SPRENGERII, 2½-in. pots	4.00
CARNATIONS, field grown	4.00
PANSY SEED, Benary ne plus ultra, none better.	4.00

Per oz. 4.00. CASH WITH ORDER.

Jos. H. Cunningham, Delaware, O.

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Fine Strong Plants FOR STOCK

Geranium Mme. Jaulin, 3-in., \$8.00 per 100. The Peach Pink Bruant.

Mme. de la Roux, all sold.

Abutilon Savitzii, 3-in., \$5.00 per 100. A grand and bushy—capital plant to use with Crotons.

Russelia Multiflora and Elegantissima, 2½-in., \$2.50 per doz. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy.

Browalia Gigantea, all sold.

Acalypha Sanderii, all sold.

READY NOW.

THE COTTAGE GARDENS, Queens, N. Y.

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... PRINTING HOUSE ...

Nursery Seed & Florists' Catalogues

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SAMUEL S. PENNOCK, Wholesale Florist

{ During the summer months, commencing July 3rd, will be open from 7:30 a. m. to 6 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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Long Distance Phone 2157.

CONSIGNMENTS SOLICITED.

No. 705 Penn Avenue, PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

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Field Grown Carnations..

September delivery and later.

We have a very large stock, including

G. H. CRANE, MACEO, GLACIER, and MRS. JAS. DEAN, in good, healthy condition.

Send for Price List

F. DORNER & SONS CO., La Fayette, Ind.

Mention The Review when you write.

CRABB & HUNTER, Violet Specialists.

Orders booked now for FIELD-GROWN Plants, write for prices.

Bridesmaids, a few hundred fine plants cheap. 4-in. pots, \$5.00 per 100. Quick! Who wants them? Smilax, from 2 1/2-inch pots, good, bushy plants, \$1.25 per 100.

GRAND RAPIDS, MICH.

Mention The Review when you write.

Headquarters for.... **Ericas.**

Buy your Ericas in September and October and bring them in bloom yourself. Save duty and ocean freight, etc. Run no risk of getting them dead from Europe. We have 25,000 growing. Come and see them. Palms and Decorative plants in quantity. New Price List will be ready Sept. 15th.

ANTON SCHULTHEIS,

P. O. Box 78, College Point, NEW YORK CITY.

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1840 Old Colony Nurseries, 1899

HARDY SHRUBS, TREES, VINES, EVERGREENS and PERENNIALS.

A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap.

Trade list free on application.

T. R. WATSON, Plymouth, Mass.

Mention the Review when you write

S MILAX. 3-inch. EXTRA STRONG PLANTS.

\$2.00 per 100, \$18.00 per 1000.

Cash with order.

ALBERT F. AMLING, Maywood, Ill.

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ROSES. Carnations VALLEY FERNS. GALAX, and IVY LEAVES, and all kinds of Seasonable Flowers in Stock.



We get daily new customers because we have the reputation that all orders are punctually filled.

Consignments of good stock solicited.

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WM. F. KASTING, Wholesale Florist. 444 Sixth Ave.

All kinds of FLORISTS' SUPPLIES and WIRE DESIGNS on hand.

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Galax Leaves...

For Summer Use in Cold Storage. Write the Introducer.

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Asparagus Plumosus

Strings 10 feet long. 50 cents.

Nanus Shipped to any part of the country.

W. H. ELLIOTT, BRIGHTON, MASS.

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Cut Flower Exchange,

404 - 412 East 34th St., New York, NEAR THE FERRY. Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

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The practical leaders to correct order taking in hurried hours. Single sample free.

Pad of 100 sheets, mailed for 24 cents in stamps. Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.

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GIVE US A TRIAL. WE CAN PLEASE YOU.



Roses, Carnations and all kinds of Seasonable Flowers in stock.

WM. F. KASTING, Wholesale Commission Florist, 451 Washington St., BUFFALO, N. Y. Also Dealer in Florists' Supplies and Wire Designs.

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WM. J. BAKER, WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.

Original Headquarters for CARNATIONS.

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Rose Hill Nurseries.

Palms, Orchids, Roses, Ferns

AND FOLIAGE PLANTS.

Largest stock in America.

SIEBRECHT & SON,

New Rochelle, N. Y.

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Nephrolepis Washingtoniensis

A magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house.

3 good plants from 2-in. pots, mailed for \$ 1.00
100 " " 3 " expressed " 40.00
100 " " 4 " extra fine, 60.00

JOHN H. LEY, GOOD HOPE, D. C.

Mention the Review when you write.

Orchids.

Just received in fine condition. CATTLEYA LABIATA, C. Mossie, C. speciosissima, C. Harrisonii violacea, C. Warnerii, C. granulosa, Lælia anceps, L. a. alba, L. autumnalis, L. prestans, L. Dayana and Burlingtonia fragrans.

Lager & Hurrell, Growers and Importers... Summit, N. J.

Mention The Review when you write.

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ABUTILONS.

Abutilon Savitzll. A grand bedding plant. Grows dwarf and bushy. Capital plant to use with crotons. 3-inch, \$5.00 per 100. The Cottage Gardens, Queens, N. Y.

AGERATUM.

Princess Pauline, 2½-inch, \$2.00 per 100. R. Insall, W. Moorestown, N. J.

Send in your order now for a copy of the Florists' Manual.

ALTERNANTHERA.

Strong, well rooted cuttings, bright red, also yellow and green. All highly colored. 75c per 100; \$6.00 per 1,000. Cash with order. Superior Greenhouses, Toledo, Ohio.

"The Classified Advs. are a great convenience" is the verdict of the buyers.

ARAUCARIAS.

We have this season an exceptionally large stock of Araucarias, clean, well grown plants of exceptional value. See our display adv. in this issue for prices.

H. A. Dreer, 714 Chestnut St., Phila.

If you read these advs. others would read yours.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengerii, 2-inch, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$4.00 per 100.

Geo. Wittbold, 1708 N. Halsted St., Chicago.

50 A. plumosus, 3¼-inch, \$7.00 per 100. 150 A. Sprengerii, 2½-inch, \$5.00 per 100. Edw. J. Taylor, Southport, Conn.

Asparagus Plumosus Nanus, 3-inch pot plants at \$6.00 per 100. Albert M. Herr, Lancaster, Pa.

Asparagus Plumosus, 3-inch, \$6.00. Asparagus Sprengerii, 2-inch, \$5.00 per 100. Geo. M. Emmans, Newton, N. J.

Asparagus plumosus, per 100, 2¼-in., \$5.00; 3¼-in., \$7.00. Sprengerii, 2½-in., \$5.00. Morris Floral Co., Morris, Ill.

600 Asparagus Plumosus, strong, 3-in., \$8.00 per 100. H. Steinmetz, Raleigh, N. C.

A. Sprengerii, 2½-inch, \$4.00 per 100. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, all sizes. A. S. MacBean, Lakewood, N. J.

AZALEAS.

We offer all the leading varieties: First size, 10 to 12 in. diam., \$40 per 100. Select, 12 to 14 in. diam., \$50 per 100. Extra size, 14 to 16 in. diam., \$60 per 100. Specimen plants from \$1.00 each up. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

The Indian Azalea Nurseries (established 1842) is the best place in Europe to send your orders for Azalea Indica. Of 85,750 plants sold in 1898, 36,200 went to florists in the United States and Canada. Order early. Eug. Vervae de Vos, Swynaerde, Ghent, Belgium.

BEGONIAS.

5000 Begonia Rex. Assorted, 2¼-inch, \$4.00 per 100; Named, \$6.00 per 100. Tuberous rooted, 2¼-inch, \$5.00 per 100. Rooted cuttings: Rex, \$2.00 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

Assorted varieties from 2-in. pots, \$2.00 per 100. Extra strong. Cash please. Edw. B. Jackson, Stamford, Conn.

Begonia Rex, full assortment. Mixed, 3-inch, \$4.00 per 100. Geo. M. Emmans, Newton, N. J.

10 flowering varieties, mixed, \$2.00 per 100. Morris Floral Co., Morris, Ill.

BOUVARDIAS.

Strong, thrifty 2½-inch plants, double white and pink, \$4.00 per 100; single varieties, \$3.00 per 100. Nanz & Neuner, Louisville, Ky.

BROWALLIA.

Browallia gigantea, 2½-inch, \$3.00 per 100. Carl J. Dane, 14 Lincoln St., Winchester, Mass.

Browallia gigantea, good, 2¼-inch, \$2.50 per 100. J. W. Myer, Greenfield, Ind.

BULBS.

Freesia Bulbs, for immediate delivery. Select mammoth bulbs, \$5.00 per 1000; First size, \$5.00 per 1000; second size, \$4.00 per 1000. California grown.

Calla Bulbs, select California grown. First size, 1¼ to 1½ in. diam., \$5.00 per 100; Select, 1½ to 2 in. diam., \$7.00 per 100; Extra select, 2 to 3 in. diam., \$9.00 per 100. Order now.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Freesia alba, ¾-inch diameter and up, \$3.00 per 1000; ½-inch and up, \$5.00 per 1000 small bulbs. I guarantee all to bloom, as I have tried them. C. Ammann, 7th Ave. & 120th St., New York City.

Ard Righ, best and earliest Daffodil, for forcing. Write for price to Mrs. I. W. Kersey, Haywards, California.

Home grown lilies, about 50 kinds, also Trillium and other hardy bulbs and plants. F. H. Horsford, Charlotte, Vt.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Pearl Tuberose Bulbs and Caladium Esculentum. Jas. M. Lamb, Fayetteville, N. C.

Send in your list of wants for quotations. F. W. O. Schmitz, Jersey City, N. J.

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Now is the time to provide yourself with the Resurrection plant. Cacti and Mexican plant novelties for the fall public gatherings. Illustrated descriptive circulars with space for your advertisement.

J. R. Moorhead, Moorhead, Texas.

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Many choice varieties, \$1.00 to \$2.00 per doz. Well branched C. Flagelliformis, \$1.00 per doz. Mrs. M. E. Patterson, Glendale, Cal.

CANNAS.

Canna bulbs, ready this fall, \$7.00 per 1,000. cash. W. T. Thompson, Rio Vista, Va.

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If you are going to be short on carnations this fall and want good stock, I have over 25,000 to select from. Flora Hill, Victor and Empress, \$8.00 and \$6.00 per 100. Bon Ton, \$7.00 and \$5.00 per 100. Lizzie McGowan, \$4.00 per 100. Sandusky, Gold Nugget and Evanston, \$10.00 per 100. Other 1899 novelties, Melba, America, Gen. Maceo, Gen. Gomez, G. H. Crane and Gov. Griggs, \$2.00 per dozen; \$15.00 per 100. Cash with order. W. E. Hall, Clyde, Ohio.

Our carnations are fine, grown with the greatest care; free from disease. Packed by our improved system they can be shipped to all parts of the U. S. in perfect condition. Mrs. Bradt and White Cloud, \$2.00 per doz.; \$10.00 per 100. Mayor Pingree, Lily Dean, Morelo and Buttercup, \$1.50 per doz.; \$5.00 per 100. C. A. Dana, Crimson Sport, Cap. King, Armazindy, Daybreak, Helen Keller, Storm King, Jubilee Triumph, Flora Hill, Meteor and Eldorado, \$1.25 per doz.; \$5.00 per 100. McGowan, Bridesmaids, Fisher, Lamborn, Portia, Tidal Wave, Sweetbrier, Albertini, Ivory and W. Scott, \$1.00 per doz.; \$5.00 per 100. J. L. Dillon, Bloomsburg, Pa.

Field grown plants, in fine condition. Place your orders early while stock is complete.

Flora Hill, Evelina, Nivea, Armazindy, McBurney, Triumph, Argyle, Jubilee and Morelo, \$5.00 per 100; \$40.00 per 1000.

McGowan, Alaska, Mayor Pingree and Tidal Wave, \$2.00 per 100; \$25.00 per 1000. Daybreak, \$4.00 per 100; \$30.00 per 1000.

Evanston, \$10.00 per 100; \$80.00 per 1000. Reinberg Bros., 51 Wabash Ave., Chicago.

Field grown carnations, strong plants, clean and ready for immediate planting.

Jubilee, Triumph and Flora Hill, \$5.00 per 100; \$45.00 per 1000.

Argyle and Armazindy, \$4.00 per 100; \$35.00 per 1000.

Tidal Wave, Mayor Pingree, Evelina, McGowan, Alaska, Bon Ton, Scott, \$3.50 per 100; \$30.00 per 1000.

Wister Bros., 51 Wabash Ave., Chicago.

40,000 field grown carnations, Scott, McGowan and Portia, \$6.00 per 100. Also limited stock of Flora Hill, Bon Ton, John Young, Pinkus, Armazindy and Pingree. Send for special prices of what sorts and how many you can use, also samples. Personal inspection of my stock is invited.

A. J. Sharp, Bedford Station, N. Y.

Strong, stocky, field grown, plenty of fine roots, all No. 1. 3000 Flora Hill, \$5.00 per 100; \$40.00 per 1000. 300 Painted Lady, \$6.00 per 100. 1000 Scott, \$4.00 per 100. 800 Seneca Chief (our best red, blooms the year round), \$5.00 per 100. 400 Red Jackets (a No. 1 red), \$6.00 per 100. Cash with order.

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Field grown plants, medium to large, per 100, Melba, \$12.00; Jubilee, Albertini, Pingree, Mrs. Duhme, McBurney, Armazindy, Mrs. F. Joost, Mrs. J. Dean, John Young and Uncle John, \$6.00; Triumph, Evelina and Empress, \$7.00; Hector, \$8.00; Portia, Storm King, Wellesley, Fire Fly and Argyle, \$5.00.

H. Weber & Sons, Oakland, Md.

Extra fine field grown plants, ready in the following varieties: Flora Hill, \$6.00 per 100; \$50.00 per 1000. Daybreak and Triumph, \$5.00 per 100; \$40.00 per 1000. Genesee, Scott and Meteor, \$4.00 per 100; \$35.00 per 1000. McGowan, \$3.00 per 100; \$25.00 per 1000. Cash with order.

W. A. Wettlin, Hornellsville, N. Y.

Fine, large, healthy, field grown carnations, McGowan, Fellow's Red, Daybreak, Rose Queen, Scott, Bridesmaid and Eldorado, \$5.00 per 100; \$40.00 per 1000. Cash with order from unknown correspondents.

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Good plants field grown. Flora Hill, Triumph and Evelina, \$6.00 per 100; \$50.00 per 1000. Eldorado and Daybreak, \$5.00 per 100; \$45.00 per 1000. Gold Nugget, \$8.00 per 100. Wm. Scott, \$4.00 per 100.

Geo. F. Christie, Clifton Heights, Pa.

Choice field grown plants. Daybreak, Scott, Edith Foster, Jahn's Scarlet, Flora Hill, Nivea and Eldorado, \$6.00 per 100. John Young, New York and Bon Ton, \$8.00 per 100. Cash with order and satisfaction guaranteed.

Geo. E. Buxton, Nashua, N. H.

Field grown, very strong plants, ready now at bottom prices. Jubilee, Daybreak and Triumph, \$4.00 per 100. McGowan, Portia, Scott, Meteor, Morelo and Ivory, \$3.00 per 100. Cash with order. Ed. Kirchner, Winona, Minn.

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Field grown. September delivery and later. We have a very large stock including G. H. Crane, Maceo, Glacier and Mrs. Jas. Dean, in good, healthy condition. Send for price list. F. Dorner & Sons Co., La Fayette, Ind.

Field grown. W. Scott, Tidal Wave, Victor, Alaska and Lizzie McGowan, per 100, \$6.00. Write for special price on large quantities. J. H. Flessler, 415 Summit Ave., West Hoboken, N. J.

Now ready. Daybreak, Scott, McGowan, Eldorado, Portia, Bridesmaid. C. A. Dana, Jahn's Scarlet, T. Cartledge, A. Webb, Morello and Meteor, \$4.00 per 100, cash. Dana R. Herron, Olean, N. Y.

A few thousand Victor and Daybreak, from field, fine, strong plants, \$6.00 per 100; \$55.00 per 1000. Cash with order. Halliday Bros., 11 E. Baltimore St., Baltimore, Md.

Field grown, stocky plants, free from disease. 400 each, Scott and McGowan, \$5.00 per 100. Cash. Mrs. Flora T. Howell, Pine Dush, N. Y.

10,000 field grown, ready now. New and standard varieties from \$4.00 to \$10.00 per 100. Fine plants. Write me your wants. Carl Hagenburger, West Mentor, Ohio.

Field grown plants, ready August 15, extra fine this year. We can fill orders for any variety if we get them soon enough. H. F. Littlefield, Worcester, Mass.

500 Jubilee, medium to large, clean and healthy, \$5.00 per 100. All other varieties sold. Cash with order. W. Sabransky, Kenton, Ohio.

Field grown. All the leading varieties ready Sept. 1. \$5.00 per 100; \$40.00 per 1,000. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

Rooted Cuttings all sold. We are booking orders for field grown plants. Geo. Hancock & Son, Grand Haven, Mich.

20,000 field carnations, standard sorts, \$3.50 per 100. South Side Floral Co., Springfield, Ill.

Field grown plants now ready. Send for price-list. Wm. Murphy, Sta. F., Cincinnati, O.

Daybreak. Extra fine field grown plants, now ready for delivery, \$6.00 per 100. John McFarland, North Easton, Mass.

20,000 field carnations, McGowan, Scott and Portia, \$4.00 per 100. All healthy and O. K. Benj. Connell, Florist, West Grove, Pa.

We have a fine stock of field grown carnations in all varieties. Send for complete list. Ellis & Pollworth, Milwaukee, Wis.

8,000 Scott, fine plants in good healthy condition, \$4.00 per 100; \$35.00 per 1,000. J. H. Lewis, Spring Valley, N. Y.

Best new and standard varieties. Write for catalogue and prices. W. P. Peacock, Atco, N. J.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

Field grown, Empress, Evelina, Psyche and John Young. Morris Floral Co., Morris, Ill.

Fostite prevents rust on carnations. C. H. Joosten, 85 Dey St., New York.

Carnations, field grown, \$4.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

CHRYSANTHEMUMS.

All the best standard sorts. Our selection, 2-in., \$2.50 per 100; \$20.00 per 1000; 250 at 1000 rate. N. Smith & Son, Adrian, Mich.

How to grow them; \$2 pages, well illustrated; only 25c. American Gardening, 133 Liberty St., New York City.

Grape Dust will check spot on chrysanthemums, and black fly too; also all sorts of mildew, etc. Sold by the seedsmen of America. Made by Hammond's Slug Shot Works, Fishkill-on-Hudson, N. Y.

CINERARIAS.

C. hybrida, mixed, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00. Florists' Pub. Co., Chicago.

CONTINENTAL SPECIALTIES

Continental Specialties and Novelties. Lists free. H. Henkel, Darmstadt, Germany.

Send in your order now for a copy of the Florists' Manual.

CYCLAMEN.

Finest strain in 4 colors, 2½-in., \$5.00 per 100. N. Smith & Son, Adrian, Mich.

Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00. Florists' Pub. Co., Chicago.

CYPERUS ALTERNIFOLIUS.

Extra bushy 6-inch specimens, \$20.00 per 100. Fine 6-inch, \$15.00 per 100. Fine 5-inch, \$10.00 per 100. Extra good values. Stock limited, so please order at once. Cash with order. Superior Greenhouses, Toledo, Ohio.

Strong, 3 and 4-in., \$1.00 per doz. South Side Floral Co., Springfield, Ill.

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Rubber Hose for Florists. If you want hose that will give best service and last longer than any other hose, purchase from us. 3-inch 10 ply special hose at \$20 per 100 ft. 3 1/2-inch 7 ply special hose at \$15 per 100 ft. Made in 25 and 50 ft. lengths, with couplings attached. Manufacturers' Rubber Co., 45 Vesey St., New York.

A florist knows what kind of Hose a florist ought to have. Let us quote you prices and send you a sample of a Good Hose. J. G. & A. Esler, Saddle River, N. J.

Hose for Florists. Penn Rubber Co., 608 Arch St., Philadelphia, Pa.

INSECTICIDES.

Cyclone Spray Pump. The Great Insect Extremator. Sprays as fine as mist. Just the thing for Roses, Palms, Potatoes, Tobacco, Small Fruits, Hen-Roosts, etc. All tin, 50c.; all polished copper, \$1.00. Cash with order. Weighs, boxed, about 5 pounds. Buyer pays express. Stevens & Co., 107 Chambers St., N. Y. City.

Sulphur your plants with the Peerless Powder Blower (patent pending). Far better, quicker and more effective than the bellows. Warmly commended by all who have used it. If your seedsman does not have it order direct from us. Price \$4.75. Edw. E. McMorrin & Co., 15-21 N. Clinton st., Chicago.

If you buy from these advs. others would buy from yours.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free. Skaboura Dip Co., Chicago.

Tobacco Dust, by the car load. Now is your time, while I have a surplus, to get your supply. To the trade only, at \$12.00 per ton in car lots of 12 tons; 2000 lbs., 14.00; 1000 lbs., \$7.50; 500 lbs., \$4.00; 100 lbs., \$1.00. Cash. M. T. Thompson, Rio Vista, Va.

Nicomite (patent) Vapor Insecticide. No labor required. Harmless to bloom and foliage. A certain killer of red spider, green fly and other insect pests. Sold by seedsmen. The Tobacco Warehousing and Trading Co., Louisville, Ky.

Tobacco stems, the good, strong kind, 60 cts per 100 lbs. Bales weigh 500 lbs. Also Tobacco Dust and Sulphur. H. A. Strohoff & Co., 154-156 W. 27th St., New York City.

Rose Leaf Extract of Tobacco Insecticide. The best for all florists. For sale by all seed stores. For free pamphlet write to Louisville Spirit Cured Tobacco Co., Louisville, Ky.

Tobacco Stems, Fresh, clean, strong. 300 pound bales, \$1.50, 70c., \$9.00. H. G. Faust & Co., 64 & 65 N. Front St., Phila., Pa.

If you read these advs. others would read yours.

POTS.

We manufacture Standard Flower Pots, Lawn and Hanging Vases. We make a light, porous, strong, durable pot that gives satisfaction to all who use it. We invite a trial order. Ionia Pottery Co., Ionia, Mich.

Standard Pots. Good railroad facilities for shipping. Special attention given to mail orders, and special sizes made to order. Price-lists furnished on application. Keller Bros., Norristown, Pa.

Columbia Plant Tubs, the kind that never fall apart. If your seedsman doesn't handle them, order of us direct. Invalid Appliance Co., Factory and Office, 333 & 341 Clybourn Ave., Chicago.

Harry Balsley sells Those Red Pots, Standards, full size and wide bottoms, Bulb Pans and Azalea Pots, for the Detroit Flower Pot Manufactory, 490 Howard St., Detroit, Mich.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Standard Flower Pots. If you need pots write for our prices before you order. Wilmer Cope & Bro., Lincoln University, Chester Co., Pa.

Standard Pots. First quality. Cream color. Send for prices. C. Hennecke & Co., Milwaukee, Wis.

Flower Pots, Missouri Pottery and Mfg. Co., 1215 W. 8th st., Kansas City, Mo.

Flower Pots. John Mutting, 3675 Manchester Road, West St. Louis, Mo.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

SPHAGNUM MOSS.

We are headquarters on Sphagnum. Just received several carloads.

Per Bale, \$1.00.
Six Bales, \$5.00.
Ten Bales, \$7.50.
Write for prices on large quantities. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We are now gathering Sphagnum Moss for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum Moss, \$1.00 per bbl.; \$4.50 in 5-bbl. lots. Orchid Peat, \$1.00 per bbl. Rotted Peat for potting, \$1.00 per bbl.; \$4.50 in 5-bbl. lots. Fine rotted peat, without fibre, 75c per bbl.; \$3.00 in 5-bbl. lots. These are cash prices.
Mrs. Flora T. Howell, Pine Bush, N. Y.

Sphagnum moss, best quality. Write L. E. Brague, Hinsdale, Mass.

WIRE WORK.

We are large manufacturers of Wire Designs and can please you both in quality and price. Send for list.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

We make a specialty of all wire designs. Our stock is large and prices reasonable. Send for illustrated catalogue.

Ellis & Pollworth, Milwaukee, Wis.

We are Headquarters for Wire Work. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

Manufacturer of Wire Work for Florists. James Griffith, 701 Main St., Cincinnati, O.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

HEATING.

Would a six-horse power boiler be large enough for heating three houses each 55x19 feet? and if too small for three houses, would it do for two? Also say how many rows of pipes required and best size. The crop to be grown is chiefly carnations, and general stocks of window plants. The thermometer drops below zero sometimes, but most of the time is several degrees above during winter. I may say I am getting pipes from Chicago, and the duty on any size less than 1 1/2 inch is 35 per cent; above that size 15 per cent. PRESTO.

If the three houses, each 55 feet by 19 feet, have glass on the roof only, the six-horse power steam boiler will heat them, but it is the limit of its capacity, so that if the said houses have any glass on their vertical sides, the boiler will be hardly large enough, without some forcing of the fire, which would not prove economical. The coils should be of 1 1/4 or 1-inch pipe; any larger pipe will not give desired results. In proportioning the pipes, if 1 1/4-inch pipe is used, he will need one lineal foot of pipe to each two and seven-tenths square feet of glass on the house, and if 1-inch pipe, one lineal foot to each two feet of glass. HENRY W. GIBBONS.

MIDDLETOWN, CONN.—Mr. Henry Fountain, the florist, has put a new front in his store which has made quite an improved appearance in his place. According to reports from growers, carnations are not looking very good, owing to the dry weather we have had. Asters have suffered terribly from the disease this season.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

"THE LADY OF THE DAFFODILS."

In the San Francisco Chronicle of August 13 appears an exceedingly well written description of the "Daffodil Gardens" of Mrs. I. W. Kersey, Haywards, Cal., in which that lady is referred to as "The lady of the daffodils."

It appears that during the last eight years Mrs. Kersey has developed the culture of the daffodil, both for bulbs and cut flowers, to quite a remarkable degree. She gets her outdoor flowers in as early as Christmas, and uses a shading of cheese cloth suspended from rows of trees to protect the flowers at times from cold or burning sun.

Mr. Peter Barr paid her a visit during his trip through the United States, and when he saw her fields of daffodils and other bulbs predicted that the State of California would some day compete with Holland as the bulb producer of the world.

The article is accompanied by a large picture of Mrs. Kersey at work sorting her bulbs. We quote below the opening paragraph:

"The lady of the daffodils lives in Haywards. Her father is a paluter and she, herself, sang in opera, and now the artistic feeling that first manifested itself in color and then in sound comes out in form and fragrance, and every one who buys an early daffodil in San Francisco and breathes in its faintly perfumed breath may fancy that he has received in another form the sweetness of Ivy Wandesford's songs—for Mrs. Ivy Wandesford Kersey is the lady of the daffodils."

PHILADELPHIA.

Business has been about the same as last week, with the supply equalling the demand.

Beauties, 20 to 25; Brides and Bridesmaids, 2 to 5; Kaiserins, 2 to 6; Perles, 2 to 3; Meteors, 2 to 5. Carnations bring from 50 cents to \$1 per 100, with some of the fancy varieties at \$1.50. Valleys, 2 to 4; sweet peas, 20 to 25; asters, \$1 to \$1.50; lilies, 3 to 5; tuberose, 3; gladiolus, 2 to 3; cuneatums, \$1; asparagus, 50 cents, and smilax, 10 to 20.

Among the visitors the past week were Alex. McConnell, New York City; Mark Aitken, Springfield, Mass.; J. Louis Loose, Washington, D. C.; Chas. E. Neall, Worcester, Mass. R.

PINE BUSH, N. Y.

A terrific thunderstorm visited this locality August 21st, 7:30 p. m. A bolt of lightning striking a tall chimney on residence near the end of greenhouses of Mr. and Mrs. Howell hurled bricks through the roof and ends of two houses, breaking some glass and injuring a number of plants. A ventilator rod running 110 feet was entirely thrown from its fastenings. D. H.

Please look this over.

New Geranium, De Roo Mitting, 2 1/4-inch, per 100	\$10.00	Fuchsias, 10 varieties, mixed, 2 1/4-inch, per 100	\$2.00
New Yellow Baby Primrose, better than the purple Baby Primrose, 2 1/4-inch, per doz.	1.00	Asparagus Plumosus, 2 1/4-inch, per 100 ..	5.00
Primula, Chinese, Alba, Rubra, and Mixed, 2 1/4-inch, per 100	2.00	Asparagus Plumosus, 3 1/4-inch, per 100 ..	7.00
Cinerarias, Hybrid, mixed, 2 1/4-inch, per 100	2.00	Asparagus Sprengerii, 2 1/4-inch, per 100 ..	5.00
Petunias, Double Fringed, 22 varieties, mixed, 2 1/4-inch, per 100	3.00	Lycopodium Dent. good for design work, 2 1/4-inch, per 100	2.00
Petunias, Double Ruffled, 15 varieties, mixed, 2 1/4-inch, per 100	2.00	Smilax, extra strong, 2 1/4-inch, per 100 ..	2.00
Geraniums, S. A. Nutt, Harmine, and 20 other varieties, 2 1/4-inch, per 100 ..	2.00	Begonias, Flowering, extra strong, 10 varieties, 2 1/4-inch, per 100	2.00
Geraniums, Harmine and La Favorite, 3-inch, per 100	3.00	Primula Japonica Alba, 2 1/4-in., per 100 ..	2.00
		Latania Borborica, 30 inches high, 3 leaves, 30 cents each, per doz.	3.00
		Timber Ferns, dormant, for 6-inch pots, per 100	10.00

CARNATIONS, Field Grown, Empress, Evelina, Psyche and John Young.

YEARLY CAPACITY, 1,000,000 PLANTS.

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(TRADE MARK.)

To be applied with a bulb. The only Putty made to work this way for green house sash. One gallon, 20 lbs., for 90 cents. Has been used by florists in this city for years. Try it and you will use no other.

We have been using the T. H. Nevin's "Green House Putty" for some time and are pleased to recommend it to all those who wish a number one article. It has always given us perfect satisfaction. When you use this Green House Putty you will be sure of good results from same. Signed:— JOHN RODGERS, Florist, Green Tree Boro., Pa. HARTMAN BROS., Florists, Allegheny, Pa. FRED. BURKI, Florist, Bellevue, Pa.

T. H. NEVIN CO.,
CORRODERS OF STRICTLY PURE LEAD.
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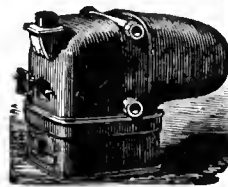
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IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE
DOES NOT INJURE THE MOST SENSITIVE PLANTS—ENDORSED BY PROMINENT FLORISTS—USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT—200 LBS. OF TOBACCO IN ONE PINT OF NIKOTEEN SOLD BY SEEDSMEN—CIRCULAR FREE—SKABCURA DIP CO. CHICAGO.
Kill AND SAVE THE BLOOMS! the Bugs! QUICKLY DOES IT.

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G. L. GRANT, EDITOR AND MANAGER.

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THE FLORISTS' PUBLISHING CO.

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334 Dearborn Street.

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WATERLOO, IA.—Williams & Crittenden, the florists, have offered \$10.00 in cash prizes for potted plants grown by amateurs not having greenhouses, those entered to be exhibited in a prominent store window.

LEE, MASS.—D. William Brainard has broken ground for a new greenhouse 23x85.

ST. JOSEPH, MO.—L. J. Stuppy is building one new carnation house, 20x100 feet, and rebuilding two others.

BUYERS' GUIDE.

For the convenience of our readers in looking up offers of supplies they may wish, we print the following classified list of same offered by our advertisers. To ascertain the page upon which the advertisement appears, consult the adjoining regular index to advertisers. For plants see classified advs.

- Aquarium Supplies.**
Keenan's Seed Store.
- Boilers.**
Gibbons, H. W.
Herendeen Mfg. Co.
Hitchings & Co.
Kroeschell Bros. Co.
Lord & Burnham Co.
- Brokers.**
Smith & Smith.
- Carnation Supports.**
Model Plant Stake Co.
- Cut Flower Boxes.**
Ellis & Pollworth.
Sefton, J. W. Mfg. Co.
- Cut Flowers—Buffalo.**
Kasting, W. F.
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- Cut Flowers—New York.**
Randall, A. L.
Cut Flower Exchange.
- Cut Flowers—Pekin, Ill.**
Kuhl, Geo. A.
- Cut Flowers—Philadelphia.**
Baker, W. J.
Pennock, S. S.
- Cut Flowers—Pittsburg.**
Kasting, W. F.
Pittsburg Cut Flower Co.
- Cut Flowers—St. Louis.**
Berning, H. G.
Ellison & Tesson.
Kuehn, C. A.
- Decorating Material.**
Prague, L. B.
Elliott, W. H.
Kelsey, H. P.
- Florists' Supplies.**
Ellis & Pollworth.
Kasting, W. F.
Kuehn, C. A.
McKellar & Winter-son.
Pittsburg Cut Flower Co.
Reed & Keller.
Rice, M. & Co.
- Glass.**
Smith & Smith.
- Greenhouse Building.**
Gibbons, H. W.
Hitchings & Co.
Lord & Burnham Co.
- Greenhouse Material.**
Dietsch, A. & Co.
Lockland Lumber Co.
Moninger, John C. Co.
Smith & Smith.
- Hail Insurance.**
Esler, J. G. Secy.
- Hose.**
Mfrs. Rubber Co.
- Hot-bed Sash.**
Lockland Lumber Co.
Lord & Burnham Co.
- Insecticides.**
Skabeura Dip Co.
Tobacco Warehousing Co.
- Jadoo.**
American Jadoo Co.
- Order Sheets.**
Long, D. B.
- Piping.**
Chicago House Wrecking Co.
Hitchings & Co.
Lord & Burnham Co.
Smith & Smith.
- Pots.**
Detroit Flower Pot Mfy.
- Putty.**
Lord & Burnham Co.
Nevin, T. H. Co.
Pierce, F. O. Co.
- Soil Pulverizer.**
Florists' Supply Co.
- Sphagnum Moss.**
Brague, L. B.
Jewett, Z. K. & Co.
- Ventilating Apparatus.**
Hitchings & Co.
Lord & Burnham Co.
Quaker City Mch. Wks.
- Wire.**
Chicago House Wrecking Co.
- Wire Designs.**
Ellis & Pollworth.
Hunt, E. H.
Kasting, W. F.
Kennicott Bros. Co.
Kuehn, C. A.
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Makes them the cheapest Fertilizers made.

All unfilled orders will be billed at new prices.

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REGENT AWARDS.....

Cohocton, N. Y., August 2 (Sweet Peas --- 25 Prizes.)
Springfield, Mass., August 2 (Sweet Peas --- Eckford Cup.)
Noble County Horticultural Society, August 9 and 10 (Sweet Peas, Vegetables,
and Best Peck of Potatoes.)

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THE MODEL ROSE STAKE, LOOPED AND POINTED.

WIRE Rose Stakes,

Straight or Looped
and Pointed.

ALSO

THE MODEL EXTENSION CARNATION SUPPORT.

Lancaster, Pa., June 17, 1899.
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Dear Sir: Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other specialties are as good they should make another addition to the money-makers of 1900.

Very respectfully,
ALBERT M. HERR.

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application to

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BROOKLYN, N. Y.

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HAIL

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ANY GAUGE FROM 8 TO 19

CHICAGO HOUSEWRECKING CO. - CHICAGO.

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RUBBER HOSE

For Florists, Seedsmen,
Nurserymen, Gardeners, Etc.

SPECIAL NOTICE.

If you want Rubber Hose that will give best service and last longer than any other hose, we advise you to purchase from us.

3/4-in. 10 ply Special Hose, at \$20 per 100 ft.
3/4-in. 7 ply Special Hose, at \$15 per 100 ft.
Made in 25 ft. and 50 ft. lengths, with couplings attached.

MANUFACTURERS' RUBBER CO.,
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Cypress and
California Red Cedar

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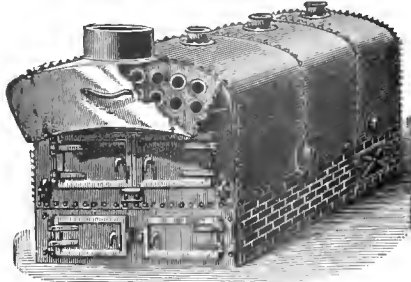
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Boilers made of the best material, shell, firebox sheets and heads of steel, water space all around (front, sides and back). Write for information. Mention The Review when you write.

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VAPOR INSECTICIDE.

No labor required.
Harmless to bloom and foliage.

A certain killer of
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SOLD BY SEEDSMEN.

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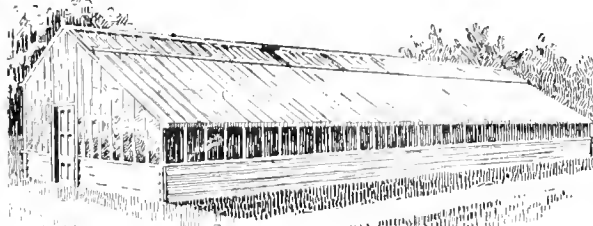
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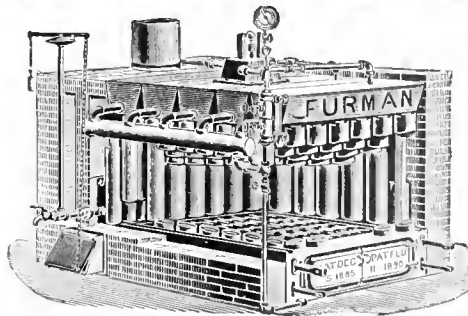
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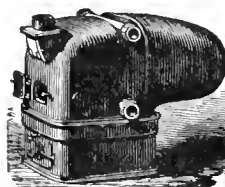
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No. 93.

CLEMATIS.

[From the Florists' Manual by Wm. Scott.]

Although more properly belonging to the nurseryman than the florist we are continually asked to supply plants of several varieties and species of

usually grafted on the roots of *C. flammula*, the common European, or the root of any strong growing variety. The florist buys his clematis and is more interested in knowing how to make them grow satisfactorily than how to propagate them. Very strong

We spread out the roots and lay them in trenches in the cold-frame during winter and in severe weather cover with glass, removing it before they get anyway forced by the suns of March. We believe they are more satisfactory to our customers planted this way than potted and given any time in the greenhouse. The potted plants look well when sold, but are more liable to suffer from neglect after planting. In very strong plants there is such a mass of roots that it is impossible to spread them sufficiently for all to get some earth around them, so we cut out about half the roots, which enables us to get some soil among them.

You dare not guarantee the clematis. If you do you will have to make good your losses on some other article. But you can plant them with care and give good advice as to the attention they need. They are nearly always planted against a veranda, whose overhanging roof often keeps the rain away, or they may be on the side of the house or an aspect from which the prevailing rains are infrequent. They should during summer receive copious waterings. When planting out each clematis should receive a harrow load of good, rich soil and not be put into a small hole and have clay or brick bats to feed on, which is often the result of the grading and sodding that is done around a pretty house.

In milder countries the gorgeous *Jackmanii* and its kindred varieties may retain their stems through the winter; with us they do not, but when well established the roots have such vigor that the young shoots spring from the ground in a very few weeks, and by end of June are a gorgeous mass of bloom 7, 8 and 9 feet high, and 5 or 6 feet across. All these flower from the growth of the same year. The past severe winter has injured a few, but the majority of the clematis have come through none the worse.

Plants of *Jackmanii*, *Henryii* or any



Clematis of *Jackmanii* Type.

these free flowering hardy climbers. Some of the species are readily increased by cuttings. The *paniculata* type root freely from pieces of the young growth and there is no better place than the gentle heat of a hot-bed. They all are, however, bought very cheaply from the nurseryman. The large flowered *Jackmanii* type are

plants of *Jackmanii* and other large flowering varieties are imported every fall, arriving here early in November or perhaps a little earlier. They have usually a good growth with a great bunch of roots. Thousands of these are sold and thousands die, and provokingly after living one or two or more years.

of that type make splendid decorative plants grown on a balloon or flat trellis in large pots. For this purpose they should not be cut down, as the frost does our outside ones, but wintered in some very cool house and merely thinned out and tied in spring before starting into heat.

There is a great number of species and some of them are very distinct. A few of them are natives of North America and make splendid plants for covering fences, railings, etc.

C. paniculata is very hardy and is covered from July on with its white, finely divided flowers, resembling almost balls of cotton.

C. coccinea is a very distinct species with yellow and vermilion flowers of an odd shape; fine for verandas.

C. flammula has white flowers. is very hardy and one of the strongest growers.

C. Fortunei: small, white, fragrant; fine hardy climber.

C. virginiana: a very strong growing climber with small white fragrant flowers.

The five species last mentioned do not require any special care and when once established live for years. It is what is known as the Jackmanii type, one of the first hybrids of which has immortalized the name of the raiser, Mr. Jackman, of Surrey, England, that need the best of attention in planting, etc., and which are to many people the only clematis. An old species from China with pale lavender flowers five or six inches in diameter must be one of the parents of Jackmanii. Of this beautiful type there is a number of varieties and among the best are:

Jackmanii: Still one of the very best color; a rich purple.

Jackmanii superba: Violet purple.

Star of India: Reddish plum color.

Sieboldii: Lavender.

Henryii: The best white; very large.

Mme. Edouard Andre: A very distinct variety, approaching a bright red.

Miss Bateman: An attractive variety; white flowers with dark anthers; medium flower, dense grower and free bloomer, but not continuous.

people, and in that case rent is the great consideration. If a certain class of trade is desired you must locate where it will always see you.

The fixing up or furnishing of a store is a matter of varied taste, but you will find that the greatest simplicity will bring you the best results. The store should be scrupulously clean, a rich cream color is best, and it's an easy matter to have all the furniture the same color. Your window should be as low as possible because flowers show up best when you look down upon them; shelves are neither necessary nor yet desirable; a few handsome baskets, a good plain mirror, a couple of easy chairs, and one or two fine vases. The ice-box ought to be the most impressive item in your furnishing. You will find it the most expensive, and yet with a little study and less frivolity you can get up a good box for much less than is generally supposed. Use as many tiles, either white or green, as you can in its construction, because they are coolest, and have the front as much glass as possible.

It is in the purchasing of stock that you are liable to be the most foolish. Go around and see what is on the market before you start buying, and pick out the best, whether it be the latest thing out or not; the most expensive is not always the best. Don't make your store a junk shop; keep your wirework and such stock out of sight. You will need a few plain, cheap baskets, both flat and handle, and one or two fancy ones for show; these should not be gaudy; some white enameled fiber vases, white tissue, white wrapping and a little wax paper; plain white boxes and tags to match.

Wires? Well, many florists differ on wires, but Nos. 32, 25 and 21 will do for all the trade you can get, and you can get it ready cut in neat boxes, though some in the ring will be needed. Get good, strong match sticks and green moss. Two important little things are a good stemming box for your wire, tinfoil and sticks; it should be like a low knife box, with compartments for each article; and one or two convenient pockets for twine, and in front of the counter is where you need one most.

There are lots of stands in the market, but we have found the graceful, green painted, wooden one the best, the most reliable of all, and you can get them cheap enough at the turning mill. The most important thing is to keep good, fresh flowers, never let stale looking ones be seen, sell your goods at reasonable prices. You will need a few plants such as will appeal to your class of customers, and remember, above all, that civility costs nothing but is very valuable. The more pretentious your establishment the more prominent and the less excusable will any boorishness appear.

It requires more capital to cater to wealthy trade and there is not so much pleasure or in most cases money



Opening a Store.

No matter how dull our business may be you will find a great many new stores being opened all over the country, but particularly in the large cities, and very few of them are failures as compared with other lines of trade. Florists are recruited from every class of people, and success seems to come to those who know little or nothing about the business, as well as those who know most of its intricacies. This can only be attributed to their general business ability, which is at all times the better part of knowledge.

This is a time of the year when many are thinking of starting in the retail section, and to them we say go ahead, but measure well your ground. There will always be room for more, and remember it is better to start at the bottom and climb up than start at the top and fall down, which is usually the case where ambition and other people's money are used unaccompanied by common sense. Many country people are attracted by the great cities, their glitter and hum,

and imagine that the streets where pass the greater throng is just the place to start a store. This may be correct with most lines of business, but not always with the florist. The right location is the all important item to start with, and a little time spent in studying a locality, even in the way of working in the neighborhood, may prove a good investment.

We have very often been asked the question: "How much does it require to open a florist's store?" and these few notes are written with a view of assisting such querists. It is very difficult to answer the question in a few words by saying, "Oh, anywhere from \$200 to \$20,000," for although such is the case, yet there is so much to explain that the matter cannot be satisfactorily disposed of thus. Very much depends on the man or the woman and the extent of their popularity, which means credit and trade, and in that respect is an equal to cash. Of course it is necessary that a florist's store should be in a prominent place, always under the eye of the



Specimen Calceolaria.

in it as there is in a middle class. For society swells you need lots of the very finest stock, give long credits and are very often fleeced by frauds. The rich people live on the poor tradespeople by the execrable system of "charge accounts." You lose the interest on your money and are often turned into a beggar; you insult them if you ask them for what is yours, and they will often run away to Europe or somewhere else to avoid paying their bills. Perhaps there is no one knows more about the flimsy pretexts and meanness of the rich, or those who pretend to be, than the poor florist.

Funeral work is about the best paying part of the business, and if you can manage to get it without stooping to the detestable system of "grape pulling" all the better. An undertaker's friendship is even desirable to this end. Never mind flashy effects, loud accoutrements and letters plastered over your window. You might even leave trotting horses alone and endeavor to pay your bills once a month. There's nothing like good habits and that is one of the best. Don't be ashamed of starting in a small way and roll up your sleeves and build up your own edifice; there is all the more glory in it. Remember that almost every florist in this country started on nothing, 95 per cent. of them worked for others, and they deserve all the more credit for the places they occupy today.

A mistake is often made by considering the large city the best place to start in. There are better opportunities in small manufacturing towns. In such places of course more attention must be given to plants. In many cases the greenhouse and office must take the place of the store, and the same principle applies to both. Many

a vast range of glass sprung from some small frame or pit, and today the man who grows stock for his own local trade, or rather the florist who can sell all he grows, has one of the best ends of the business. A concern so conducted should not, as is sometimes the case, be a hospital for rubbishy plants, nor yet a botanical garden. Many growers are carrying stock today which they have had for years and will have for several more, and then have to throw it away. A man with a small area of glass can ill afford to have it occupied with plants that are of no value to him. Many will grow any old thing in order to fill up, and that is wrong; a good propagator can soon surround himself with an abundance of desirable stock, and in the matter of decorative plants a well-timed purchase of desirable kinds will always increase in value.

An abundance of flowers suitable for cutting should be the first thing to strive for, and with flowering shrubs, showy annuals and perennials this is a pleasant task. Never mind orchids, Beauties, Meteors, violets, etc., until you can grow them satisfactorily; they require what few beginners can give them. Go for the easy grown, showy flowers and plants, and even in your poorest days be generous; let no opportunity pass whereby you can do yourself some good by a few well placed flowers, for, as we have said before, popularity is wealth to a new beginner.

SPECIMEN CALCEOLARIA.

It's a beauty, isn't it? It is from a photograph of a specimen plant shown by Sutton & Sons, at an English exhibition. We reproduce the engraving from the Gardeners' Magazine.

While some truly magnificent plants are produced by American growers our English cousins seem to still lead us a little in this department.

CHRYSANTHEMUM NOTES.

Feeding.

Feeding must be carried on continuously if the finest flowers are looked for. If a weak solution is applied every time the plants need water it will be found much better than one strong dose, and then switching off to clear water again. By keeping the liquid weaker and using regularly, the delicate root fibres are not injured and the plants will keep moving right along. Injury to the rootlets often results if the dose given is too strong, and this applies more particularly to chemical manures than natural ones. Cow or sheep manure used alone are fairly safe, but chicken or pigeon manure is very caustic, and must be used with caution or it will burn up the surface roots and do much more harm than good.

The drainings from the barnyard make the finest possible liquid when diluted down, but the average florist cannot obtain this, and has to manufacture his own, which can be easily done by putting cow or sheep manure into water and letting it stand for a day or two. About a bushel of either of these manures to 50 gallons of water will make a good liquid and if it does not stand over two days before using can be filled up with water again. Sheep manure is our staple, though cow manure when fresh and pure is much better. The sheep we soak in bags, but the cow manure is dumped right into the barrel or tank, as it does not seem to soak through a sack so well. Chicken manure we use by putting a 6-inch pot full in with the cow manure.

Nitrate of soda is one of the finest possible manures, but its use should not be long continued, certainly not after the first signs of color in the bud, or it makes the flower soft and flabby, and the petals fall out easily. It is safe used at this season, once in ten days in the proportion of one pound in fifty gallons of water, and its effect on the hard husky covering of the crown bud is very marked.

Sulphate of ammonia is the manure that is relied on largely by the expert for finishing the flowers, as it can be used beneficially and safely till the flower is half way developed. It tones up the colors wonderfully, particularly the pink shades, and can be used in the same proportion as the nitrate of soda.

It is agreed on by everybody that it is better to use these manures each separately than to mix up the whole business together. Thus sheep manure one week, then say a dose of nitrate of soda; after that cow manure and so on. The plants are benefited

by a change. We use chemicals in with the manure water, but cannot recommend it to the average grower, because unless he has used it that way before there is danger of getting it too strong, while used in clear water in the proportions given they are perfectly safe. If sulphate is used in the manure water (and it should not be till feeding is nearly over) the proportions should be reduced at least half. Another important thing to remember about feeding is not to use liquid when the soil in the bench or pots is very dry. It is always better to use clear water first in such a case, and then the liquid directly after. Never apply nitrate of soda in the way that is often recommended for spring crops outside, that is, sprinkle over the surface of the soil and water it in. If you do

and it strips all the foliage off you will regret it.

In localities where lime is deficient in the soil an occasional dose of lime water is beneficial, as also is a dose of soot water once in a while.

Feeding can be continued on some varieties much longer than others. Mrs. Robinson, for instance, will stand feeding at a time when some people who don't know any better are beginning to cut the flower. Left to develop it makes a deep, magnificent flower.

Pink and dark shades should not be fed after they are showing color. Iora being with us particularly prone to damping. It is to be hoped its beautiful white sport, Mrs. F. A. Constable, will not have this defect.

BRIAN BORU.

tissue. As soon as glass is put in we give the house a dose of the hydrocyanic acid gas which is as harmless as "Ceylon's balmy breezes" to all vegetation but death to all creatures that breathe, yourself included, if as Grove P. Rawson so playfully says in his kindergarten talks "you don't watch out." It is dangerous and expensive stuff and the operation somewhat tussy but as harmless as tobacco with proper care, and if it saves a house of violets or anything else what object is expense?

Pelargoniums.

I am nearly discouraged in the growing of pelargoniums of the show kind. They are beautiful flowers, but people do not want them and will give little more for them than they will for a common zonale geranium, and why should they, for they certainly are not as serviceable a plant, and then you are so often reminded by a customer that "The Lady Washington you sold me last month is all covered with lice." But it is not its faults that we want to discuss, for when you have a cool, dry house with plenty of ventilation and the damp kept out by fire heat, it is a splendid plant.

Now is the time to propagate. The plants were long ago out of flower and since flowering have made a good growth. Cut them down to within a few inches of the pots. Don't look for eyes as you would in the zonale geraniums. In the old wood there are always plenty of latent eyes that will break and give you plenty of shoots on the old plants. Most any part of the old wood that is cut off will root except that which is very hard. We put them in the ordinary cutting bed and after a good soaking they will not want water more than once or twice a week. They will root in about four weeks.

The old plants should be kept almost dry after being cut down. They are left so denuded of their tops that they cannot want water. In two weeks the old stems will be studded with young shoots and when they are half an inch long shake all the old earth off, trim back the long, straggling roots and repot. If they have been in a 5-inch pot put them in a 3-inch, and if they have flowered in a 6-inch, a 4-inch will be large enough. You can shift them on as they need it. The old plants can be had in flower for Easter, but the young plants are not so satisfactory for the purpose.

Pansies.

Last year we were late with pansies, perhaps not for an ordinary season, but last winter was such a corker, and we don't know what is in store for us. Get the little plants into their winter quarters as soon as possible. The larger they are before winter sets in the better they will survive. Don't use any glass till the very severe weather of December comes, or you will produce a soft growth that is easily hurt by zero weather.



Chrysanthemums.

There is lots of work about the chrysanthemums just now. They are growing fast and need lots of water and syringing. Thrip and spider will attack them if syringing is neglected. Side shoots must be kept off and the plants tied to the supporting strings as they grow. Give them abundance of water till you see the buds formed, when they want rather less till the buds begin to swell rapidly. Whenever fumigating can be done it is the cheapest, quickest and most complete way of cleaning out the various kinds of aphid that trouble the mums. Smoking once a week will keep all clean. Where you can't smoke, Nikoteen diluted 200 times and syringed on will do the trick.

Chrysanthemums in pots have sold very poorly of late yet we must have a few hundred, and if you grew them in that excellent way by planting out in five inches of soil in June you will lift them next week. They never turn a leaf, but don't delay in lifting them and keeping them shaded and syringed till they get hold of the new soil, which is less than a week. We have a number of cuttings that are about rooted in the sand and will be put into 8, 9 and 10-inch pans in a few days. Choose plants of equal strength for each pan. There is a very limited number of chrysanthemums suitable for this purpose and two varieties stand out away above all others, Ivory, white and pink; and Lincoln for yellow.

Violets.

Violets are looking good this year planted out on solid beds with the glass shaded, but every third row of glass removed which gives you a fine current of air over the plants. Being "budded glass, you know" this is easily done. We do not see any signs of the dreaded "spot" and if we did we know no cure but to pull the leaf immediately off. You should not wait till the spot shows itself by a round bleached spot for by that time its spores have spread to hundreds of other leaves. Watch for the disease which appears first as a black speck and radiates outward, killing the tissue.

We syringe twice a week but when we do syringe to keep down spider we get down as earnestly at it as we do at our prayers and syringe backwards and forwards so that the underside of every leaf is sharply cut with the spray; this is better than a poor sprinkling every day. Runners should be kept cut off; not pulled off, which often bruises the crown, but cut with a knife. We believe violets like and want lots of water at the root and they get it.

The disease we dread is not the spot but what for a better name we call "curl leaf." If that scourge once gets hold you may as well throw them away. It makes its appearance in October and November, sometimes sooner. This miserable condition is produced by a minute fly which lays a still more minute egg which punctures the leaf and destroys and curls up the



Show Houses of A. W. Steincke & Son, Detroit, Mich.

A few thousand pansies are always needed by us in the spring and command a good price for use in vases in our cemeteries and private grounds, and the field grown pansies are not early enough or good enough for that purpose. When the farmer-gardener begins to ship in his pansies by the wagonload in baskets we are sold out, or ought to be, for we cannot compete with his prices. The trouble and labor of covering a few thousand with sash for the coldest winter months will pay well, and if there is no profit in it, it will be cheaper than having to run around to look for them, and you often look in vain.

Bouvardias.

If you grow any bouvardias, and they are worth growing, they should be lifted at once. Unlike carnations they want to be lifted with a good ball of earth or they will wilt for many days. If the glass over them is not shaded put on some temporary shade; a little mud and water will do, but shade for ten days and moisten down paths and sprinkle the plants freely. If any of the young green tops wilt badly, just nip off three or four inches; they will break and be in plenty of time for December flowers. Remember the bouvardia is a tropical plant and should always be up to 60 degrees at night, and after the holidays, to produce a second crop, another 5 degrees is all the better.

WILLIAM SCOTT.

CHICAGO.

Club Outing.

The last outing of the Florists' Club for the season was enjoyed last Thursday. It was a trip to Joliet on the invitation of the Chicago Carnation Co. The party numbered 72 and had a special car on the Rock Island train leaving the city at 11:45 a. m. Cherry Hills Station, three miles this side of Joliet, was reached at 1 p. m., and the party was at once led to a pretty grove where tables had been placed for the

servicing of an elaborate lunch, which included cantaloupes and sweet corn grown on the place, and that corn will always be a sweet and tender memory. It had been cooked in a huge camp kettle immediately after being gathered and was what corn should be and not what it generally is when served on the average table. After the inner man (and woman) had been thoroughly satisfied the carnation houses were inspected. Three new houses are now being built, of which two are 22x200 and one 22x100. When these are completed there will be a total of 12 houses, of which 10 are 22x200 and 2 are 22x100. The carnations are already all planted in, except in the unfinished houses, the planting having been done mostly in July. When the new houses are filled they will have benched for the coming season: 8,000 Mrs. Bradt, 5,000 Frances Joost, 4,000 G. H. Crane, 3,500 Chicago (Red Bradt), 2,500 Mrs. Jas. Dean, 2,000 Gold Nugget, 2,000 Maceo, 1,000 White Cloud, 1,000 John Young, 1,000 Evelina, 500 Jubilee, 500 Argyle, 600 Genevieve Lord, 300 Flora Hill and 250 Gomez, as well as smaller quantities of the newer sorts on trial and 2,500 second year seedlings of their own in about 60 varieties.

As to the profitableness of the various sorts, Mr. Jas. Hartshorne, who is in charge of the growing department, says Bradt stands at the head with them, as the flowers not only bring top price but their record of production per square foot of bench surface is high. They do not produce such a very large number of flowers per plant, but the plants take up little room and can be placed much closer together on the bench than those of any other variety.

Next to Bradt he places Frances Joost, which he finds to be decidedly the most profitable pink sort. Gold Nugget stands third as a producer of the yellow metal, while Jubilee and Argyle are about equally strong for

fourth position. John Young stands fifth and is their most profitable white. With them Flora Hill has been quite unsatisfactory as a revenue producer, and stands near the foot of the list. In sixth position he places Evelina, and for seventh place Armazindy, Victor and Flora Hill have about equal claims.

In some discussion of this question Mr. Hartshorne emphasized the fact that his conclusions were based upon accurate records kept of the actual returns in cash per square foot of bench surface, and that unless such a record was accurately kept a grower is very apt to be misled as to the profitableness of a variety. Often a carnation may produce the most flowers during the course of a year, but if they come at periods of gluts, or quality poor at the best selling seasons, their average will be poorer than that of some other sort that may be producing more hard dollars on the average. The results of such an accurately kept record are often surprising and at variance with impressions received during the season.

We noted that quite a number of the field carnations were growing in pots plunged in the soil outside.

Mr. Thompson, as well as Mr. Hartshorne, spared no effort to make the stay of the visitors a pleasant one, and considerable time was devoted to a trip over the country estate of Mr. H. N. Higinbotham, who owns about 4,000 acres of land here and whose country home is beautifully placed in the midst of hundreds of acres of lawn and effective shrubbery and tree planting. A large park is now being laid out and the natural advantages are very great.

Before the party took the train for home at 6:30 p. m., a hearty vote of thanks to the hosts of the occasion was passed by a unanimous vote.

Among the out of town visitors were Miss Watson, with the Memphis Floral

Co., Memphis, Tenn., and Geo. Washburn, Bloomington, Ill.

The only unhappy feature of the day was the accident to John Zech. While in the grove he climbed a tree and the breaking of a limb gave him a nasty fall of a dozen or fifteen feet. He was picked up unconscious and it was a great relief to everyone when it was found he had escaped without any broken bones, though badly bruised and shaken up. John says that in future he will trust no limbs but his own, and that when next he climbs a tree he will stay down on the ground.

The Market.

There is little change from last week in market conditions though receipts have fallen off slightly and prices of the better grades of roses and carnations have held a trifle firmer at times.

Various Items.

W. N. Rudd is building an iron frame carnation house at Mt. Greenwood that will be 30x125, equal span, running east and west. It will contain five benches, three 5 feet wide and two 3½ feet wide. Lord & Burnham Co. are doing the work.

Mr. and Mrs. C. A. Samuelson have returned from Michigan.

Larry Kelly has been carrying one arm in a sling as the result of a recent accident. It is a bad sprain and not a break.

C. W. McKellar returned from Ohio last Saturday.

E. C. Amling is improving steadily and is now able to visit his place of business every few days.

Club Meeting.

The first club meeting of the season was held last Friday evening. Little but routine business was transacted. A resolution expressing the thanks of the members for courtesies extended by the Detroit florists during the convention was adopted, and the question of having a trade float in the coming autumn festival was considered, action being deferred till a later meeting.

Bowling.

After the last club meeting the bowlers adjourned to the alleys and produced the following variegated scores:

	1st.	2d.	Av.
A. Henderson	163	141	152
P. J. Hauswirth	152	135	143
A. Vaughan	150	136	143
Geo. Woodward	111	168	139
Ed. Winterson	117	142	129
Jno. Degan	141	116	128
W. Kreitling	105	135	120
C. Pruner	119	113	116
Ed. Enders	104	113	103
C. Samuelson	97	104	100
M. Barker	79	104	91

NEW YORK.

Almost all the folks of the business have returned from vacations and all are ready for the season to commence. This, however, promises to be even later than usual because the wealthy people of this section have built for themselves magnificent palaces in

several parts of the country in which they spend the greater part of the early winter. It will be November before many of the best plant and flower buyers return to their city homes, still there is always the great middle class, the backbone of the country, and the prospects are that they will open their purses earlier and wider than they have for some years.

September is with us and already many outdoor flowers are nearing the finish. This class of stock will mostly be missed by the poorer florists; the wholesalers are already praying for frost.

There is not such a great quantity of stock coming in at present; it is only that there is little or no demand for what is on the market and when the conditions are so everything multiplies. Roses by the thousand can be bought for from \$2.50 to \$5; a little special stock brings from \$2 to \$4 per 100; Beauties, a few of the very best, 20 cents to 25 cents, general grade 6 to 12, short stems 1 to 2; valley plentiful at \$1.50 to \$2, some special stock bringing \$3. Carnations, good salable stock at 75 cents to \$1 per 100; smilax, 10 to 12. Cattleyas are getting more plentiful and the supply promises to be more than regular from now on; asking price 40 cents. We saw some remarkably fine cattleyas and Vanda coerulea at John Young's.

Changes there are and changes there promise to be. G. E. Bradshaw closes his Thirtieth street store to open one at 53 West Twenty-eighth street, September 15. John Nugent has left Thomas Young's, and will open a wholesale store under the name of Nugent & Young, at 42 West Twenty-eighth street. This particular Mr. Young is supposed to be a former clerk at the Holland house. Mr. Decker, formerly of the Decker, Blauvelt Co., has vacated the store at 42 West Twenty-eighth and retired from the struggle for the time being. Thus one firm goes out of the street and two come in, and the boys say the more the merrier.

It's difficult to keep track of the changes and new faces in the retail business; stores are opening up in all sections. Sherer will open one at Madison avenue and Ninety-second street, and it is reported some one is about to reopen Doran's old store on Sixth avenue.

The club meets on Monday next, usual time and place. IVERA.

BUFFALO.

Trade has been fairly good the past two weeks, at least for this time of year. Asters in abundance, but carnations scarce. We have had a rain, or rather two showers. They have been local, but sincerely in this case it was "smallest favors thankfully received." Dry as we have been we are a wet bog and our plants are aquatics, and we are amphibious animals compared to parched up Toronto across Ontario's waters.

We were honored with the appointment of judge along with Brother Foster, of Hamilton, Ont. Canada's big fair is a big institution. They had a short Midway Plaisance and at its end the Streets of Cairo, for which we made a beeline, only to be sadly disappointed. Camels they had, but the interesting and instructive features of the Chicago Cairo were entirely absent, Toronto is not Chicago. Oh no, so don't expect anything exciting.

He that likes to look at live stock can look and wonder, for their development is far past the normal. The fireworks are wonderful and in the great display of John Bull and Brother Jonathan spreading "peace and prosperity over the world" it is magnificently portrayed. To the left the Arabs of the Soudan fall like tenpins, but no British soldier is hurt, and on the right the American lads and lasses slay the Spaniards by fits and starts, but their chief occupation is dancing the Spanish dance with Cuban lasses and waving the glorious flag.

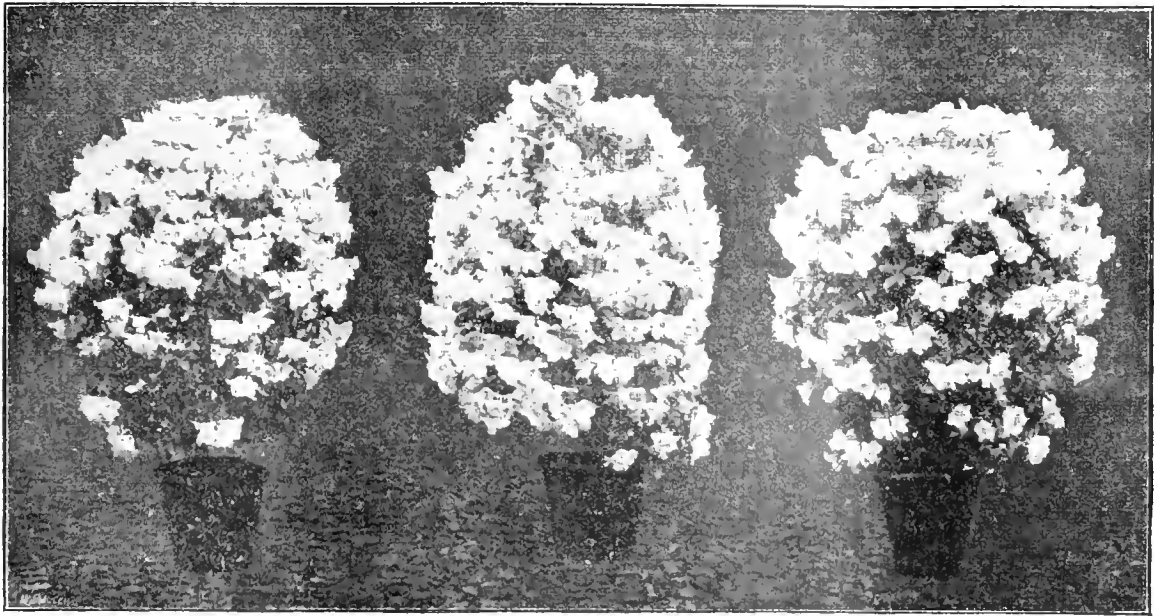
The show of decorative plants in the horticultural hall is magnificent. Few cities can show such plants as come from the Exhibition Parks, the Water Works Parks and the Central Prison—grand, clean plants, and there had to be 50 distinct species in every collection. I asked Park Superintendent Chambers how long since they had had a rain. "We have had no rain since the snow went" was the answer. Burdocks and Canada thistles are dead and dying in the vacant lots and the fields and lawns not watered are yellow.

Two hours spent with John Dunlop was a great treat and it was reciprocated, I know, for after repeated calls to breakfast he went and occupied just 53¼ seconds at that important meal. I wish some of these egotists who say, "You can't produce roses of a high quality under butted glass," or the other delusionists who say the glass breaks and drips, would just visit Mr. Dunlop. If they did not close up like a clam then I will close up, but not before. It was a most interesting visit, and a few points will be published later, for I am now short of time. W. S.

ST. LOUIS.

The Market.

This section of the country is in need of rain; all outside stock for winter use is suffering for water. The very hot weather has not helped the business and the market conditions remain about the same. The early part of the week trade was quite brisk. The quality of stock continues to improve. Kaiserins are very good, selected stock going up to \$4. All other roses, select stock, price is the same; good ordinary remaining at \$1.50 and \$2, and a lot of short stemmed stuff falls below this. Beauties very scarce, \$2.50 per dozen for first quality. In carnations select disbudded stock still sells for \$1 per 100; field and good ordinary, 50 and



Specimen Greenhouse Rhododendrons.

75 cents. Asters are not overplentiful, some extra fine ones are being shipped in from the outside points; price for select ones is \$2 and scales down from this to 50 and 75 cents. There is a big stock of gladiolus, tuberose, hydrangeas and such stock, which goes at \$1 per 100. Some very fine smilax is in the market and sells at \$12.50 per 100 strings.

Visitors.

Visitors in town last week were: Mrs. L. Rosenbaum, of Meridian, Miss.; H. C. Schwiemann, wife and sister, and L. Wellenreiter, of Danvers, Ill. Messrs. Schwiemann & Wellenreiter are shipping some fine smilax to this city.

Notes.

Wm. Ellison, of Ellison & Tesson, returned home last week from a six weeks' vacation up north. A. Y. Ellison leaves this week to join his mother, who is spending the summer at the northern lakes.

Jacob Burkhardt, father of Mrs. T. H. Meinhardt, died last week at his home in North St. Louis.

William H. Hudson, the South St. Louis florist, wedded his daughter-in-law, Mrs. E. H. Hudson, last week. His wife and son died about a year ago. The surprise was great among the florists when the announcement was made. By the marriage numerous relationship complications arise; for instance, he becomes the husband of his daughter-in-law, which makes him the stepfather or father of his grandchildren, Mrs. Hudson being the sister-in-law of Hudson's stepsons, three in number, and now therefore becomes Hudson's brother-in-law.

There is some talk of the two bowling clubs meeting in a series of games

this fall. The juniors have set their heads on beating the older club, of course they expect a handicap in each game. We will be only too glad to meet them. I understand that a prize will be put up by one of the wholesale houses for the team making the highest averages and one for the highest single score. These meetings will not take place until cooler weather sets in.

J. J. B.

GREENHOUSE RHODODENDRONS.

The accompanying engraving, which we have reproduced from the Gardeners' Chronicle, shows three fine specimen plants of greenhouse rhododendrons. They certainly are exceedingly well done and the grower may well be proud of them. A houseful of such plants at Easter would be a tremendous help to an American grower.

TARRYTOWN, N. Y.

The regular monthly meeting of the Tarrytown Horticultural Society was held in the Vanderbilt building, Main street, on Thursday evening, the 31st ult., thirty-five being present. The business of the evening was the hearing of reports from committees on the perfecting of arrangements for the flower show on November 10th and 11th.

The executive committee reported that Mr. P. O'Mara, of P. Henderson & Co., New York; Mr. Eugene Daille-douze, Flatbush, N. Y., and Mr. Peter Duff, gardener to John Crosby Brown, Esq., Brighthurst, Orange, N. J., had promised to officiate as judges.

Mr. Nathan Brewer sent a letter resigning the treasurership of the society (he having left his position as

gardener to J. P. Archbold, Tarrytown, and accepted a similar position with Mme. Obey, Scarsdale, N. Y.). His resignation was accepted with regret, he having been one of the leading spirits in the society's formation, and moreover a prominent and able gardener. Mr. W. E. Neubrand, with the F. R. Pierson Co., was unanimously appointed to the vacant post.

John H. Corneth and Jeremiah Harnatt, Tarrytown, were elected to membership. Walter Cooke, Tarrytown; Claude Wilson, Dobbs Ferry, and Peter E. Franklin were proposed.

Mr. F. R. Pierson's election as vice-president of the S. A. F. gives universal satisfaction here. Mr. Pierson is a prominent member of our community and baby society. He has filled several responsible public offices in this place with great credit to himself and benefit to us. He will not take up this office as a sinecure, but will undoubtedly work up the excellent material which is to be found along the banks of the Hudson.

Messrs. Cooke & McCord have purchased the ground at Glenville on which their greenhouses stand and have already commenced to make additions to their rose houses.

JAS. T. SCOTT.

JAPANESE MORNING GLORIES.

From the Japan Daily Herald, a copy of which has been kindly sent us by L. Boehmer & Co., of Yokohama, we learn that the Japanese have a feast of morning glories as well as of chrysanthemums.

The plants are grown in pots, kept comparatively dwarf, and only one or two flower buds are left on a plant, enabling them to get these few flowers

cent of the gardeners wanted are expected to either superintend, or personally care for cows and chickens. "We cut according to our cloth." C. G. must explain to his employer that extra help must be given (especially in busy seasons) for the extra burden incurred. If he is disposed to give it well and good, if not he will have to content himself if he finds his place is otherwise not in so good shape as it used to be.

In this locality this is strictly the gardeners' business (if no farmer is kept on the place). The coachmen migrate to the city with the family in winter, and not only the cow, but the whole place is left in the gardener's hands. Again the coachman is summoned at all times, and as cows and chickens require regular attention this is beyond his power. No coachman, to our knowledge, attends to this where a gardener is kept. J. T. S. Tarrytown, N. Y.

BOATING, NOT "BOWLING."

In referring to the beauties of Detroit, Mr. Scott wrote, "What city has such boating facilities," and the printer made it read "bowling." In justice to Mr. Scott and his "glass arm" we make this correction lest it might be imagined that his thoughts dwell entirely upon the alleys. The printer admits that the word "bowling" has been stereotyped and whenever an obscure word is found one of these stereotypes is put in, so our readers must not be surprised if some time we print instructions as to the propagation and cultivation of "bowling." It might well be said that it is propagated with the greatest ease by cuttings from the breaks of the current year and that the young plants start off very freely and promise a fine show of bloom in August but the blooms generally blast just when they are most needed.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—At once, single man to take care of section of rose and carnation houses. Reinberg Bros., 51 Wabash Avenue, Chicago.

FOR SALE—A bargain, if taken at once. \$150.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

WANTED—Assistant foreman, must be good, rapid propagator, capable of taking charge of plant department. Address Crabb & Hunter, Grand Rapids, Mich.

WANTED—To rent, a few small greenhouses, must be on the North Side, Chicago. Address 20, care of Florists' Review

SITUATION WANTED—By a sober, industrious man, age 34, as gardener and florist, 15 years' experience in floral and horticultural branches; capable of running a small place. Address 90, care Florists' Review.

WANTED—Single man, of good, steady habits, to take care of roses and carnations and to assist at other work; a steady place. Address C., care Florists' Review.

WANTED—One or two good second-hand boilers. Must be cheap and in good condition. Address Jas. Morton, Clarksville, Tenn.

FOR SALE—Florist's place of 3,700 feet of glass heated by hot water and use city water; stocked with roses, carnations and a general stock; doing a paying business. We want to sell. This is a snap it taken at once. Address H. D., care Florists' Review.

Greenhouse Woodwork

Open-air-dried Cypress Lumber is more durable, and better suited to Greenhouse conditions than kiln-dried stock. But you cannot get it from those that are engaged in the business in a small way—even though their entire business is confined to greenhouse material—for it takes a long time for the lumber to thoroughly dry and this means an investment in lumber that only those of large capital can make. The only way to have air-dried lumber is to buy green lumber and hold it until it dries. Those that order dry lumber from the producers of Cypress get kiln-dried stock. It is cheaper for them to kiln-dry than to hold the stock long enough to season it in the open air. We carry a large stock and fill all orders with open-air-dried Cypress clear of knots, sap and all other defects.

WRITE FOR CIRCULARS OR ESTIMATES.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

75,000 Field-Grown CARNATIONS

Extra Fine Plants, all carefully disbudded. Now Ready.

FOR PRICES ADDRESS....

H. W. BUCKBEE,

Forest City Greenhouses. ROCKFORD, ILL.

Mention The Review when you write.

M. RICE & CO. NEW ILLUSTRATED CATALOGUE FOR THE ASKING.

Exclusive Importers and Manufacturers of **Florists' Supplies**

918 Filbert Street, PHILADELPHIA, PA.

Mention The Review when you write.

CHINESE PRIMROSES.

EXTRA STRONG. Ready for 3-inch pots. Well known throughout the United States and Canada as the finest large flowering fringed varieties grown. Singles, named colors, \$2.50 per 100, \$20.00 per 1000. Doubles, named, \$4.00 per 100, \$35.00 per 1000; 250 at 1000 rate. Extras added to help pay expressage. Strictly cash prices.

THE HOME OF PRIMROSES. JOHN F. RUPP, Shiremanstown, Pa.

Mention the Review when you write.

Do You Sell GARDEN TOOLS?

Send to us for cuts to show, in your next catalogue, the

"RAPID-EASY" Garden Weeder and the

"QUICK-AS-WINK" Hose Coupling,

two good selling time and labor savers.

Samples at wholesale price. Descriptive circulars free.

THE W. J. CLARK CO., SALEM, OHIO, U. S. A.

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Always mention the Florists' Review when writing advertisers.

PANDANUS VEITCHII

6-inch pots, \$12.00 a dozen. 7-inch pots, 18.00 a dozen. 8-inch pots, 24.00 a dozen.

Stock is in excellent condition.

JOHN WELSH YOUNG, Upsal Station, Penna. R. R. GERMANTOWN, PA.

Mention The Review when you write.

SEND IN YOUR ORDER NOW for a copy of the

FLORISTS' MANUAL.

Always mention the Florists' Review when writing advertisers.

PHILADELPHIA.

There has been a slight improvement in business over last week, which we understand is due to the G. A. R. turnout in this city.

J. Wolf, Jr., and J. J. Habermehl's Sons report a boom in the way of decorations the past week.

Prices on cut flowers remain about the same as last week.

John Grocy, of the Woodford Floral Co., has just finished building a new greenhouse at the rear of his Columbia avenue store.

H. H. Battles had the decoration of Strawbridge & Clothier's store for the fall opening, yellow flowers being the colors used.

Mr. Harry Papworth, of New Orleans, La., was among the recent visitors during the past week. He was on his way home from the convention.

John L. Smith, of the firm of Smith & Whiteley, was found bruised and unconscious near his greenhouses the morning of August 30, and his money and valuables were missing. R.

DES MOINES, IA.

The State Fair was held here last week and was a success in every respect. The fruit and flowers were as good as one would wish to see and much better than the premiums warranted.

The floral exhibit was all from Des Moines, Rollinson, Lozier and Fulmer being the only florists to exhibit. In cut flowers Fulmer took first premium on design and Lozier second. Display cut flowers, Lozier first, Rollinson second, Fulmer third.

Plants, display, Lozier first, Fulmer second, Rollinson third. On collections of plants, Lozier had first on begonia, abutilons, ferns and foliage. Fulmer had first on cannas, geraniums, carnations, roses, ivy geraniums and foliage geraniums.

The amateurs made a good display in plants and cut flowers.

Business is at a standstill. Carnations in the field are looking well.

The boys are talking of a fall picnic. Lambert has put in a boiler that will give him no trouble as to capacity; it is a six-foot shell, 16 feet long.

Those of our club that were at Detroit are loud in their praise of the Detroit boys and their hospitality. Thanks are also due to Bassett & Washburn, and Mr. Wilson, at Vaughan's, for courtesies extended us on our homeward trip. J. T. D. F.

THRIFTY FIELD CARNATIONS WITH PLENTY OF ROOTS.

Send for prices. All the NEW and LEADING varieties.

GEO. HANCOCK & SON,
GRAND HAVEN, Mich.

Mention The Review when you write.

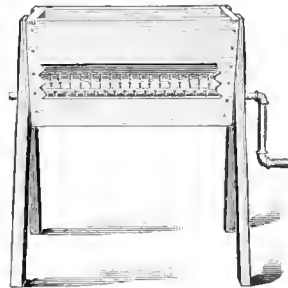
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Run your Carnation Soil through one of our Machines, it will pay you...

It can be regulated so as to make the soil fine or coarse, as you wish. Stone and gravel have no effect on it, it is made very strong.

We guarantee it will do the work far better and quicker than it can ever be done by hand. The Cylinder is framed with Iron Plates to prevent its wearing out.

(Patent applied for.)



Price for No. 1 \$5.00. Price for No. 2 \$10.00.

BUFFALO, N. Y., July 24, 1899.

FLORISTS' SUPPLY CO., North Tonawanda, N. Y.
Gentlemen — The machine we ordered of you came in due time and have used it to break up dirt for two houses. Would say that we consider it a labor-saving machine, two men can do what six would do in the same time.
Yours very truly, W. J. PALMER & SON.

Mr. WILSON, Manager for J. C. Vaughan, Chicago, Ill. — We would not try to get along without one now.

Mr. LEWIS ULRICH, Wholesale Grower, Tiffin, Ohio. — It works very good. I would not sell the machine for three times what I paid for it unless I could get another one.

THE FLORISTS' SUPPLY CO., Box 56, North Tonawanda, N. Y.

4 Acres Field-Grown Carnation Plants, 100,000

Our Carnations this year are very fine. They have been grown with the greatest care, free from disease, and packed by our improved system of packing by which we can send to all parts of the United States in perfect condition.

MRS. BRADT		WHITE CLOUD	
\$2.00 per dozen, \$10.00 per hundred.		\$2.00 per dozen, \$10.00 per hundred.	
MAYOR PINGREE	LILY DEAN	MORELLO	BUTTERCUP
\$1.50 per dozen, \$8.00 per hundred.			
C. A. DANA	ARMAZINDY	STORM KING	FLORA HILL
CRIMSON SPORT	DAYBREAK	JUBILEE	METEOR
CAP. KING	HELEN KELLER	TRIUMPH	ELDORADO
	\$1.25 per dozen, \$6.00 per hundred.		
MCGOWAN	L. L. LAMBORN	SWEET BRIER	IVORY
BRIDESMAID	PORTIA	ALBERTINI	WM. SCOTT
	MRS. FISHER	TIDAL WAVE	
	\$1.00 per dozen, \$5.00 per hundred.		

PANSY PLANTS. Grown from extra choice seed of our own production and not surpassed in variety, size, beauty of coloring and freedom of flower by any others grown. 50 cents per hundred, \$4.00 per thousand.

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J. L. DILLON, BLOOMSBURG, PA.

CARNATIONS....
FIELD GROWN PLANTS.
Medium to large.

Per 100		Per 100	
Melba.....\$12.00	Storm King.....\$5.00	Jubilee.....6.00	Wesley.....5.00
Albertini.....6.00	Mrs. F. Joost.....6.00	Pingree.....6.00	Fire Fly.....5.00
Mrs. Dahme.....6.00	Argyle.....5.00	McBurney.....6.00	Evelina.....7.00
Hector.....8.00	Empress.....7.00	Triumph.....7.00	Mrs. Jas. Dean.....6.00
Armazindy.....6.00	John Young.....6.00	Portia.....5.00	Uncle John.....6.00

H. WEBER & SONS, OAKLAND, MD.

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30,000 SMILAX, from 2-in. pots, fine strong plants, \$1.50 per 100; \$13.00 per 1000. Hydrangea Otaksa from 4-in. pots, \$8.00 per 100. Cash with order.

FRED BOERNER, Cape May City, N. J.

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FIELD GROWN CARNATIONS.

BEST NEW AND STANDARD VARIETIES. Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

30,000 FIELD GROWN CARNATIONS.

Scarlet Wave, Daybreak, Scott, Tidal Wave, Alaska and Sebec. Extra fine plants, \$5.00 per 100, \$45.00 per 1,000. Cash with order.

Also a large assortment of PALMS, FERNS, CYCAS and BAY TREES. Prices on application.

H. C. STEINHOFF,

578 Hudson Boulevard, West Hoboken, N. J.

IF YOU have any surplus stock to offer to the trade remember that you can sell it most quickly and cheaply through an offer in the Review's Classified Plant Ads.

ESTABLISHED 1802

THORBURN'S SEEDS

JUST ARRIVED - FRESH SEEDS OF

Kentia Belmoreana,
\$4.00 per 1000 Seeds.

Kentia Forsteriana,
\$4.00 per 1000 Seeds.
While Unsold.

J.M.THORBURN & CO.

(Cete of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention the Review when you write.

Herr's Pansies.

Buying time for plants is now here. Buying the best is an assurance of profit to you. I offer mine as the best in the market on the strength of hundreds of your fellow florists' "say so."

PLANTS ONLY.

Free by mail at 75c per 100; 250 for \$1.50; 500 for \$2.50. By express, \$4.00 per 1,000.

ALBERT M. HERR,
Lancaster, Pa.

Mention The Review when you write.

Zirngiebel Giant Pansy.

Seed is \$1.00 for trade pkt., or \$5.00 per oz.

Also plants of the above at the same rate as common varieties, \$5.00 per 1,000, securely packed to go any distance. Large transplanted plants, for winter bloom, at \$2.00 per 100.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

Pansies WORTH RAISING....

Excellent Seed, 3-16-oz. \$1.00; 1-oz. \$4.00. Cash with order.

C. SOLTAU & CO., 199 Grant Avenue,
JERSEY CITY, N. J.

Mention The Review when you write.

PANSIES. The Jennings' strain large flowering. PLANTS now ready. All colors, finest mixed, by mail, 60c per 100; by express, \$4.00 per 1000. SEED of above, \$1.00 per pkt., \$5.00 per oz. Cash with order. **E. B. JENNINGS,** Southport, Conn. Lock Box 251.

GROWER OF THE FINEST PANSIES.

Mention The Review when you write.

5,000 Begonia Rex and 5,000 Primroses, EXTRA FINE.

POT PLANTS.

Begonia Rex, assorted, 2 1/4-inch	..... \$1.00 per 100	English Ivy, 2 to 3 feet	..... \$5.00 per 100
" named	..... 6.00	Manettia bicolor, 3-in	..... 6.00
Begonia Tuberosa, 2 1/4-inch	..... 5.00		
Lemon Verbena, 2 1/4-inch	..... 3.00	GERANIUMS - 2 1/2-in. Sweet Scented,	
Impatiens Sultana, 2 1/4-inch	..... 3.00	Mrs. Pollock, Pansy,	4.00
Primrose, Chinese, 2 1/4-in., Extra Fine strain	..... 3.00	Mrs. Parker	6.00

ROOTED CUTTINGS.

GERANIUMS - Assorted	..... \$1.50 per 100	Abutilon Var. Trailing	..... \$2.00 per 100
Mixed	..... 1.25	Begonia Rex	..... 2.00
Mars, Happy Thought,	3.00	Incarnata Gigantea	..... 2.00
Mrs. Pollock	2.00	Flowering	..... 2.00
Mrs. Parker	4.00	Impatiens Sultana	..... 2.00
Silver Leaf, Rose Scented, Ivy	1.50	Manettia bicolor	..... 2.00
Mme. Salleron	1.25	Lemon Verbena 1.50
Freak of Nature	4.00		

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

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Primroses and Pansy Plants.

	Per 100	Per 1000
14,000 Obconica, 2 1/4-inch \$2.00	\$18.00
44,000 Primulas, Alba Ruba and Mixed, 2 1/4-inch	..... 2.00	18.00
4,000 Primulas, Japonica Alba, 2 1/4-inch	..... 2.00	18.00
4,000 New Yellow Baby Primrose, 2 1/4-inch	..... 10.00	90.00
24,000 Pansy Plants, Giant Flowering (large)	.....	5.00
14,000 Petunias, Double, 22 varieties, Mixed, 2 1/4-inch	..... 3.00	25.00
1,000 New Geraniums, De Roo Mitting	..... per doz.,	1.20
200 Asparagus Plumosus, 6-inch	.....	3.00
1,000 Lycopodium Dent., 2 1/4-inch, per 100	.....	2.00
1,000 Pelargonium - The Queen, 2 1/4-inch, per 100	.....	3.00
1,000 True Maidenhair Fern, 2 1/2-inch, per 100	.....	5.00

THE MORRIS FLORAL CO.

MORRIS, ILL.

Mention the Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

Asparagus Sprengerii,

2 1/2-inch pots	..... per 100,	\$6.00
ASPARAGUS TENUISSIMUS, 2 1/2-in pots	.....	4.00
CAREX VARIEGATA, " "	.....	5.00
BEGONIA REX, 5-inch pans	.....	10.00
" " 3-inch pots	.....	5.00
PRIMULA (Chinese), OBCONICA FRIMBRITUM and OBCONICA HYBRIDUM, 2-inch pots	..... per 100,	2.50
3-inch pots	.....	5.00
CYCLAMEN, finest strain, in 4 colors, 2 1/2-inch pots	.....	5.00

All of the above plants are in fine condition and are sure to give satisfaction.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

Perry Watson & Co. CALIFORNIAN SEED HOUSE

- SPECIALTIES -

Onion Seed	Sweet Peas	Lima Beans
Lettuce	Cosmos	Salt Bush
Celery	Hollyhock	Bromus Grass
Carrot	Verbenas	Bermuda "
Salsify	Asters	Johnson "
Parsnip	Mignonette	etc.
etc.	etc.	

ALL CALIFORNIA GROWN. WHOLESALE ONLY. SACRAMENTO CALIFORNIA

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THE REVIEW'S Classified ads. enable you to find with the least possible effort whatever stock you may need.

FOR INFORMATION of real practical value The Florists' Review stands decidedly at the head.

PLEASE SEND us an accurate list of those in the trade who receive their mail at your postoffice.

HOW TO GROW Chrysanthemums..

82 pages, well illustrated. A practical compilation of matter contributed by many of the leading experts of the day. By far the best work on this subject ever written. It contains instructions for each month in the year, also chapters on Training, Diseases, Seed Saving, etc.

Only 25 Cents.

Published by

AMERICAN GARDENING, 133 Liberty Street, NEW YORK.

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CINCINNATI.

Trade Conditions.

Several large funerals last week kept the down-town florists quite busy and cleared up the surplus of white flowers.

The wholesale men report a slight improvement in shipping trade, and difficulty in securing enough good stock, especially in roses.

Jewish New Year's, as usual, created quite a demand for choice flowers.

A. Sunderbuch's Sons and Baer & Jones did an unusual business on this occasion. Asters are still plentiful and of good quality but going rather slow. Smilax is scarce, also asparagus, but the demand for both is light. All out-door stock is showing the effect of the severe drought. Carnation plants are not making their usual growth for this time of the year and are in poor shape for lifting.

Various Notes.

A move is afoot among members of the Y. M. C. A. Athletic Club to send Chas. E. Critchell, Cincinnati's crack sprinter and State champion in the 100 yard dash, east to participate in the next A. A. U. games. During the past three years Critchell has made great records against the best runners in Ohio and representatives of Eastern colleges.

At the Green Township Harvest Home George & Allan and J. T. Congor were the principal exhibitors. The honors were about equally divided, the former taking the prizes on cut flowers and the latter on plants.

P. H. Therkildson, Ironton, O., was a recent visitor.

C. J. Jones is on a flying trip to New York and Philadelphia.

Mrs. James Allan is spending a short vacation at the lakes. B.

J. AUSTIN SHAW.

Mr. Shaw is still at home, slowly recovering from the effects of his accident at Detroit.

Letters from his friends and customers will reach him at 271 Broadway, New York, until further notice.

ST. CHARLES, MO.—Jas. Gelven has sold his greenhouses to Capt. H. B. Denker, and they will in future be conducted by his son Edwin Denker. James Gelven and his son Charles H. Gelven have bought six lots in Sedalia, Mo., on which they will build this fall two houses 18x80 and office of the most modern and handsome construction. The son will have charge of the new place as the senior Mr. Gelven's health is poor and he will retire from active business.

BELLEVUE, O.—Mr. J. Husbands has just completed rebuilding and remodeling his store, palm and propagating houses and now has things in good shape.

E. H. HUNT
THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.

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Wholesale Florist,

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Telephone
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4 Washington St., Chicago.

In our new and enlarged quarters we are better prepared than ever to handle your orders.

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J. A. BUDLONG,

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WHOLESALE AND COMMISSION Florists. Consignments Solicited.

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Begonias.

ASSORTED VARIETIES.
FROM TWO-INCH POTS.

\$2.00 per hundred.

EXTRA STRONG
CASH PLEASE.

Grevillea Robusta, 2-inch pots, \$2.50
strong, per 100

EDWARD B. JACKSON
STAMFORD, CONN.

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CABBAGE PLANTS.....

Field grown, 15c per 100, \$1.00 per 1000;
if by mail, add 10c per 100.

Write for prices on large lots for fall planting.

Parsley. Strong plants, 35c per 100, \$2.50 per
1000; if by mail, add 20c per 100.
Other Vegetable plants in season. Cash with order.

E. VINCENT, JE. & SON,

White Marsh, Md.

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C. A. KUEHN WHOLESALE
FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Flora
Designs. A full line of supplies always on
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WHOLESALE
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1322 Pine Street,
ST. LOUIS, MO.

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WHOLESALE SHIPPING**FLORISTS**

3134 Olive Street, ST. LOUIS, MO.
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**Maplewood Cut Flower and
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Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We
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Store: 906 Grand Ave., KANSAS CITY, MO.
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DAGGER

HARDY CUT FERNS

In 1000 lots, 75c per M. Discount on larger orders.
Also dealer in **Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.**

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12,000 Rose Plants

occupy our propagating houses and **MUST BE MOVED AT ONCE** to make room for 50,000 Verbena and Petunia Cuttings.

In order to move this stock quick we will fill orders at half value for thirty days. Every plant guaranteed as fine as you ever saw; out of 3½ and 4-inch pots. Meteors, Brides, Perles, Maids and La France, at \$4.00 per 100, cheap at \$5.00. Beauty and Mrs. Garrett, strong, 3-inch, at same price. First come, first served.

20,000 Field Carnations, standard sorts, \$3.50 per 100. Fine plants.

Smilax, extra strong, ready to string, \$1.00 per 100. Fine strings, 8 feet long, 15c. Cash with order.

South Side Floral Co., Springfield, Ill.

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IF YOU have not already done so, please send us an accurate list of those in the trade that receive their mail at your postoffice, and greatly oblige the publishers.

Always Mention the....

Florists' Review

When Writing Advertisers.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue. **CHICAGO.**

OUR SPECIALTIES:

We have the **LARGEST WHOLESALE House in Chicago.** **Orchids, High-Grade Roses, Carnations and Violets.**

Full Line **FLORISTS' SUPPLIES**, Seeds, Bulbs, Hardy Stock.

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WESTERN HEADQUARTERS FOR..... FLORISTS' SUPPLIES, PALMS, FERNS, WIRE WORK, CUT FLOWERS, ETC.

Use **MASTICA** for Building and Repairing your Greenhouses.

Write for samples and prices of our

Improved Folding Cut Flower Box.

ELLIS & POLLWORTH, - MILWAUKEE, WIS.

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FIRST QUALITY FORCING ROSES == PERFECTLY HEALTHY and grown especially for late planting.

Only selected growth from flowering shoots used in propagating.

SUNSETS.	SAFRANO.	PRESIDENT CARNOT.	KAISERIN.	METEOR.
MAIDS.	WOOTTONS.	PERLES.	MME. HOSTE.	

3-inch pots, \$5.00 per 100; 4-inch pots, \$8.00 per 100.

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J. L. DILLON, BLOOMSBURG, PA.

SOME FINE PLANTS OF

Brides and Maids

3½-inch pots, at \$20.00 per 1000.

What have you in Scarlet Carnation plants? Might trade. **MORTON GROVE GREENHOUSES, PAUL KREISMANN, 27 Market Street, Chicago.**

Mention The Review when you write.

SEND IN YOUR ORDER NOW

for a copy of the **FLORISTS' MANUAL.**

We are now cutting

NEW BRIDES, MAIDS AND BEAUTIES,

also **FINE LOT OF ASTERS.**

Still a few Brides, Woottons and Beauties also Smilax. Write

GEO. A. KUHL, - - Pekin, Ill.

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When Writing Advertisers.

CANADIAN HORT. ASS'N.

The official programme of the second annual convention of the Canadian Horticultural Association, to be held at Ottawa, Sept. 19, 20 and 21, has reached us. It is very artistically gotten up and is a credit to the association.

The programme includes the following papers: "Insect Enemies in Greenhouses," by Prof. Fletcher, Ottawa; "How Can the Relations Between Wholesaler and Retailer be Improved," by Mr. C. Scrim, Ottawa; "Cemetery Decoration," by Mr. James McKenna, Montreal; "The Uses of Nitrogenous Fertilizers," by Prof. Frank S. Shutt; "What Advantages Are to Be Derived From a Trade Paper in Canada," by Mr. A. H. Ewing, Berlin; "Building Commercial Greenhouses," by Mr. H. Dale, Brampton; "European Horticulture as Viewed by a Canadian," by Mr. S. S. Bain, Montreal; "Plants versus Cut Flowers at Holiday Times," by Mr. C. Scrim, Ottawa.

There will be an exhibition in connection with the meeting and those present will be entertained with a ride to Victoria Park and lunch at the Victoria hotel.

The officers of the Association are: President, Wm. Gammage, London; Vice-Presidents, C. Scrim, Ottawa, and Jas. McKenna, Montreal; Treasurer, J. H. Dunlop, Toronto; Secretary, A. H. Ewing, Berlin.

Our Canadian friends are right in line and are paddling their own canoe in good shape. We wish the coming meeting the fullest success and the Association a long and useful life, which it will undoubtedly have with such men at the helm.

BEWARE OF THE CROOK.

Lorenz Weber, a young German, late with Chas. Doerrer, Westfield, N. J., clear face, no eye brows, height 5 feet 3 inches, weight 125 pounds, age 20 years, an anchor tattooed on both arms, robbed the house of his employer, Mr. Doerrer, stealing two gold watches, one diamond pin, five gold rings and about \$30.00 in cash. Mr. Doerrer would be pleased to hear of any clue that would lead to his whereabouts, or will give a reward for his arrest.

R.

IF YOU HAVE any surplus stock to sell offer it in our classified ads. The cost is slight and your offer will come under the eyes of all possible buyers.

Roses, Carnations and Violets.

- Bridesmaids, 3-in. stock . . . \$5.00 per 100.
- Meteors, 2½-in. pots . . . 4.00 "
- Kaiserin, 4-in. pots . . . 8.00 "
- Violets in 2½-in. pots . . . 3.00 "
- Field Grown Carnations, ready after Sept. 1st, all the leading varieties, \$5.00 a 100, \$10.00 a 1,000.
- Field Grown Violets, 5.00 40.00

WM F. KASTING, 481 Washington St., Buffalo, N. Y.

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REGULAR SHIPPING ORDERS RECEIVE SPECIAL ATTENTION.

W. W. W. BROS.

Wholesale Growers of

CUT FLOWERS, 51 Wabash Ave. CHICAGO.

WHOLESALE PRICE LIST.

American Beauty, 24-inch stem . . . per doz., \$2.50	Meleor per 100, \$3.00 to \$4.00
" 20 " " 2.00	Bridesmaid " 3.00 to 4.00
" 15 " " 1.50	Bride " 3.00 to 4.00
" 12 " " 1.25	Perle " 2.00 to 3.00
" 8 " " 1.00	Carnations " 1.00 to 1.50

We close at 5:30 p. m. during July and August.

Mention The Review when you write.

\$-1899- SAVE MONEY AND SPEAK QUICKLY -1899-\$
This offer only holds good as long as stock is unsold.

- NARCISSUS, Paper White Grandiflora, extra fine \$ 6.75 per 1000
- ROMAN HYACINTHS, fine stock 14.00 "
- LILIAM HARRISII, 5-7, all repacked 40.00 "

Terms net cash with order.

F. W. O. SCHMITZ, Importer, - - JERSEY CITY, N. J.

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Burpee's Seeds Grow

SMITH & SMITH,

Box 337 Sixth Ave. Pittsburg, Pa.

BROKERS IN

Greenhouse Real Estate, and Pipe, Glass, Fittings, and other Greenhouse construction material.

We have an exceedingly good bargain--- Suburban Greenhouses and City Store-room. Write for particulars and price. Mention The Review when you write.

Primrose.

- CHINESE PRIMROSES, single, mixed, 2-inch pots, per 100 \$2.00
- Obconica Grandiflora, 2-inch pots, per 100 2.50
- Forbesii, "Baby Primrose," 2-in. pots, " 3.60
- ASPARAGUS SPRENGERII, 2½-in. pots, " 4.00
- CARNATIONS, held grown 4.00
- PANSY SEED, Benary ne plus ultra, none better. Per oz. 4.00.
- Pansy Plants, \$2.50 per 1000, 60c per 100.

CASH WITH ORDER.

Jos. H. Cunningham, Delaware, O.

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Fine Strong Plants FOR STOCK

- Geranium Mme. Jaulin, 3-in., \$8.00 per 100. The Peach Pink Bruant.
- Mme. de la Roux, all sold.
- Abutilon Savitzii, 3-in., \$5.00 per 100. A grand bedding plant, grows dwarf and bushy---capital plant to use with Crotons
- Russelias Multiflora and Elegantissima, 2½-in., \$2.50 per doz. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy.

- Browalia Gigantea, all sold.
- Acalypha Sanderii, all sold.

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THE COTTAGE GARDENS, Queens, N. Y.

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Nursery Seed & Florists' **Catalogues**

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SAMUEL S. PENNOCK, Wholesale Florist

{ During the summer months, commencing July 3rd, will be open }
 from 7:30 a. m. to 6 p. m.

American Beauties and Valley Our 1612-14-16-18 Ludlow St., Philadelphia, Pa.
 Specialties.

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PITTSBURG CUT FLOWER CO., Ltd.
WHOLESALE FLORISTS.

Long Distance No. 705 Penn Avenue,
 Phone 2157. CONSIGNMENTS SOLICITED. PITTSBURG, PA.
FLORISTS' SUPPLIES. Write for Price List.
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Field Grown Carnations..

September delivery and later.

We have a very large stock, including
 G. H. CRANE, MACEO, GLACIER,
 and MRS. JAS. DEAN, in good,
 healthy condition.

Send for Price List.
F. DORNER & SONS CO.,
 La Fayette, Ind.
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CRABB & HUNTER,
 Violet Specialists.

Orders booked now for FIELD-GROWN Plants,
 write for prices.
 Bridesmaids, a few hundred fine plants cheap, 4-in.
 pots, \$5.00 per 100. Quick! Who wants them?
 Smilax, from 2 1/2-inch pots, good, bushy plants,
 \$1.25 per 100.

GRAND RAPIDS, MICH.
 Mention The Review when you write

Headquarters **Ericas.** Buy your
 for.... Ericas in September
 and October
 and bring them in bloom yourself. Save duty and
 ocean freight, etc. Run no risk of getting them
 dead from Europe. We have 25,000 growing. Come
 and see them. Palms and Decorative plants in
 quantity. New Price List will be ready Sept. 15th.
ANTON SCHULTHEIS,
 P. O. Box 78, College Point, NEW YORK CITY.
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1840 Old Colony Nurseries, 1899
HARDY SREUBS, TREES, VINES,
EVERGREENS and PERENNIALS.
 A large and fine stock of well rooted plants, grown
 in a sandy loam. Good plants, best sizes for
 planting, very cheap.
 Trade list free on application.
T. R. WATSON, Plymouth, Mass.
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S **MILAX.** 3-inch.
 EXTRA
 STRONG
 PLANTS.
 \$2.00 per 100, \$18.00 per 1000.
 Cash with order.

ALBERT F. AMLING, Maywood, Ill.
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ROSES.
 Carnations
 VALLEY
 FERNs.
 GALAX, and
 IVY
 LEAVES,
 and
 all kinds of
 Seasonable
 Flowers
 in Stock.



We get
 daily new
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 because
 we have
 the
 reputation
 that
 all orders
 are
 punctually
 filled.

Consign-
 ments of
 good stock
 solicited.

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 Distance
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WM. F. KASTING,
 Wholesale Florist. 444 Sixth Ave.

All kinds of FLORISTS' SUPPLIES and
 WIRE DESIGNS on hand.
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Galax Leaves...

For Summer Use in Cold Storage.
 Write the Introducer,
HARLAN P. KELSEY,
 1106 Tremont Bldg., - BOSTON, MASS.
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Asparagus Plumosus

Strings Shipped
 10 feet long. Nanus to any part
 50 cents. of the country.
W. H. ELLIOTT,
 BRIGHTON, MASS.
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 NEAR THE FERRY.
 Open Every Morning at 6 o'clock for the sale of
 CUT FLOWERS.
 Wall space for Advertising purposes to Rent.
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The practical leaders to correct order taking in
 hurried hours. Single sample free.
 Pad of 100 sheets, mailed for 24 cents in stamps.
 Ten Pads (1000 sheets), by express, \$1.75.

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 A
 TRIAL.
 WE CAN
 PLEASE
 YOU.

Roses,
 Carnations
 and all
 kinds of
 Seasonable
 Flowers
 in stock.

WM. F. KASTING, Wholesale Com-
 mission Florist.
 451 Washington St., BUFFALO, N. Y.
 Also Dealer in Florists' Supplies and Wire
 Designs.

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WM. J. BAKER,
 WHOLESALE
 CUT FLOWERS,

1432 S. Penn. Square. PHILADELPHIA, PA.
 Original Headquarters for CARNATIONS.
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Rose Hill Nurseries.

Palms, Orchids, Roses, Ferns
AND FOLIAGE PLANTS.
 Largest stock in America.
SIEBRECHT & SON,
 New Rochelle, N. Y.
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Nephrolepis
Washingtoniensis

A magnificent new fern, forming a very at-
 tractive specimen as a pot plant, and most
 valuable for cutting. Fronds solid, metallic,
 broad, and growing 6 to 8 feet high. Cold
 house.

3 good plants from 2-in. pots, mailed for \$ 1.00
100 " " " 3 " expressed " 40.00
100 " " " 4 " extra fine, " 60.00

JOHN H. LEY, GOOD HOPE, D. C.
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Orchids.

Just received in fine condition. CATTLEYA
 LABIATA, C. Mossie, C. speciosissima, C. Har-
 risonic violacea, C. Warnerii, C. granulosa, Lalia
 anceps, L. a. alba, L. autumnalis, L. praestans,
 L. Dayana and Burlingtonia fragrans.

Lager & Hurrell, Growers and
Importers... Summit, N. J.
 Mention The Review when you write.

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 writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii. A grand bedding plant. Grows dwarf and bushy. Capital plant to use with crotons. 3-inch, \$5.00 per 100.
The Cottage Gardens, Queens, N. Y.

AGERATUM.

Princess Pauline, 2½-inch, \$2.00 per 100.
R. Insall, W. Moorestown, N. J.

ALYSSUM.

Giant Alyssum, 3-inch, \$3.00 per 100. Nice stock. Cash.
E. J. Cloud, L. B. 32, Avondale, Pa.

Sweet Alyssum, 3-inch, \$5.00 per 100. Cash.
John Reck, Bridgeport, Conn.

APPLE ROOT GRAFTS.

Per M. \$4.00, 5 to 10 M at \$3.50, over 10 M, \$3.00 per M.
H. E. Rowley, Lacon, Ill.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengerii, 2-inch, 60 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$4.00 per 100.
Geo. Wittbold, 1708 N. Halsted St., Chicago.

50 A. plumosus, 3¼-inch, \$7.00 per 100. 150 A. Sprengerii, 2½-inch, \$5.00 per 100.
Edw. J. Taylor, Southport, Conn.

Asparagus Plumosus Nanus, 3-inch pot plants at \$6.00 per 100.
Albert M. Herr, Lancaster, Pa.

Asparagus Plumosus, 3-inch, \$6.00. Asparagus Sprengerii, 2-inch, \$5.00 per 100.
Geo. M. Emmans, Newton, N. J.

Asparagus Sprengerii, 2½-in., \$6.00 per 100. Asparagus Tenuissimus, 2½-in., \$4.00 per 100.
N. Smith & Son, Adrian, Mich.

200 Asparagus Sprengerii, 3-inch, \$6.00 per 100. Fine stock ready for 4-inch.
Wachendorff Bros., Atlanta, Ga.

600 Asparagus Plumosus, strong, 3-in., \$8.00 per 100.
H. Steinmetz, Raleigh, N. C.

A. Sprengerii, 2½-inch, \$4.00 per 100.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

200 A. plumosus, 6-inch, \$3.00 per doz.
Morris Floral Co., Morris, Ill.

AZALEAS.

We offer all the leading varieties:
First size, 10 to 12 in. diam., \$40 per 100.
Select, 12 to 14 in. diam., \$50 per 100.
Extra size, 14 to 16 in. diam., \$60 per 100.
Specimen plants from \$1.00 each up.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

The Indian Azalea Nurseries (established 1842) is the best place in Europe to send your orders for Azalea Indica. Of 85,750 plants sold in 1898, 36,200 went to florists in the United States and Canada. Order early. Eug. Vervae de Vos, Swynaerde, Ghent, Belgium.

Azalea Indica, 4-inch pots, stems 6 to 12-inch, bushy, \$15.00 per 100. Jos. R. Freeman, 612 13th St., Washington, D. C.

Write for prices on Azaleas.
H. H. Berger & Co., 47 Barclay St., N. Y.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

BEGONIAS.

6000 Begonia Rex. Assorted, 2¼-inch, \$4.00 per 100; Named, \$6.00 per 100. Tuberosus rooted, 2¼-inch, \$5.00 per 100. Rooted cuttings: Rex, \$2.00 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

2000 Begonia Rex in the best varieties, from 3-inch pots, \$6.00 per 100, 2-inch, \$4.00.
C. Young & Sons Co., 1496 Olive St., St. Louis, Mo.

Strong 2 and 2½-in. in best varieties, \$2.00 per 100. E. G. Bunyar, Walnut Hill Greenhouses, Independence, Mo.

Assorted varieties from 2-in. pots, \$2.00 per 100. Extra strong. Cash please.
Edw. B. Jackson, Stamford, Conn.

Flowering Begonias, assorted, and Peperomia, 2½-inch, \$1.50 per 100. Cash.
Byer Bros., Chambersburg, Pa.

Begonia Rex, per 100, 5-in. pans, \$10.00; 3-in. pots, \$5.00. N. Smith & Son, Adrian, Mich.

Begonia Rex, full assortment. Mixed, 3-inch, \$4.00 per 100. Geo. M. Emmans, Newton, N. J.

BERRIED PLANTS.

Solanum Capsicastrum from 5-inch pots, \$18.00 per 100. C. Young & Sons Co., 1496 Olive St., St. Louis, Mo.

BOUGAINVILLEAS.

Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$8.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

BROWALLIA.

Browallia gigantea, 2½-inch, \$3.00 per 100.
Carl J. Dane, 14 Lincoln St., Winchester, Mass.

Browallia gigantea, good, 2¼-inch, \$2.50 per 100.
J. W. Myer, Greenfield, Ind.

BULBS.

Lilium Harrisii, 5 to 7 inches around, box of 400 bulbs, \$16.00; 3 boxes (1200 bulbs), \$45.00; per 100, \$4.25. Bulbs 6 to 7 inches around, box of 400 bulbs, \$22.00; larger bulbs, more flowers. Bermuda Lilium longiflorum, guaranteed stock, 5 to 7 inches around, box of 400 bulbs, \$18.00; 3 boxes (1200 bulbs), \$50.00. A few thousand 9 to 11-in. Harrisii and longiflorum at \$18.00 per 100; 11 to 13-in., monster bulbs, \$40.00 per 100. Lucas & Boddington Co., 342 West 14th St., New York City.

Freesia Bulbs, for immediate delivery. Select mammoth bulbs, \$6.00 per 1000; First size, \$5.00 per 1000; second size, \$4.00 per 1000. California grown.

Calla Bulbs, select California grown. First size, 1½ to 1¾ in. diam., \$5.00 per 100; Select, 1½ to 2 in. diam., \$7.00 per 100; Extra select, 2 to 3 in. diam., \$9.00 per 100. Order now.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Narcissus Paper White grandiflora, extra fine, \$6.75 per 1000. Roman Hyacinthus, fine stock, \$4.00 per 1000. Lilium Harrisii, 5-7, all repacked, \$40.00 per 1000. This offer holds good only so long as stock is un-sold. Terms, net cash with order. F. W. O. Schmitz, Importer, Jersey City, N. J.

Freesia alba, ¾-inch diameter and up, \$3.00 per 1000; ½-inch and up, \$5.00 per 1000. small bulbs. I guarantee all to bloom, as I have tried them. C. Ammann, 7th Ave. & 120th St., New York City.

Ard Righ, best and earliest Daffodil, for forcing. Write for price to Mrs. I. W. Kersey, Haywards, California.

Freesia bulbs. Per 1000: ½-inch, \$3.50; ¾-inch, \$2.50; 1-3-inch and under, \$1.50.
J. E. Boyce & Co., Santa Monica, Cal.

Home grown lilies, about 50 kinds, also Trillium and other hardy bulbs and plants.
F. H. Horsford, Charlotte, Vt.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Pearl Tuberosa Bulbs and Caladium Esculentum. Jas. M. Lamb, Fayetteville, N. C.

Write for prices on all forcing bulbs.
H. H. Berger & Co., 47 Barclay St., N. Y.

Highest grade Gladiolus Bulbs and Seed.
Frank Banning, Kinsman, O.

CACTUS.

Small plants, cuttings and offsets a specialty. Young plants of C. Fagelliformis, Epiphyllum and Phyllocactus, 50c to \$1.00 per doz.
Mrs. M. E. Patterson, Glendale, Cal.

CALADIUMS.

Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

CANNAS.

Canna bulbs, ready this fall, \$7.00 per 1,000. cash.
W. T. Thompson, Rio Vista, Va.

CARNATIONS.

Our carnations are fine, grown with the greatest care; free from disease. Packed by our improved system they can be shipped to all parts of the U. S. in perfect condition. Mrs. Bradt and White Cloud, \$2.00 per doz.; \$10.00 per 100. Mayor Pingree, Lily Dean, Morello and Buttercup, \$1.50 per doz.; \$8.00 per 100. C. A. Dana, Crimson Sport, Cap. King, Armazindy, Daybreak, Helen Keller, Storm King, Jubilee Triumph, Flora Hill, Meteor and Eldorado, \$1.25 per doz.; \$6.00 per 100. McGowan, Bridesmaids, Fisher, Lamborn, Portia, Tidal Wave, Sweetbrier, Albertini, Ivory and W. Scott, \$1.00 per doz.; \$5.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

If you are going to be short on carnations this fall and want good stock, I have over 25,000 to select from. Flora Hill, Victor and Empress, \$3.00 and \$6.00 per 100. Bon Ton, \$7.00 and \$5.00 per 100. Lizzie McGowan, \$4.00 per 100. Sandusky, Gold Nugget and Evanston, \$10.00 per 100. Other 1899 novelties, Melba, America, Gen. Maceo, Gen. Gomez, G. H. Crane and Gov. Griggs, \$2.00 per dozen; \$15.00 per 100. Cash with order. W. E. Hall, Clyde, Ohio.

Field grown plants, in fine condition. Place your orders early while stock is complete.

Flora Hill, Evelina, Nivea, Armazindy, Mo-Burney, Triumph, Argyle, Jubilee and Morello, \$5.00 per 100; \$40.00 per 1000.

McGowan, Alaska, Mayor Pingree and Tidal Wave, \$3.00 per 100; \$25.00 per 1000. Daybreak, \$4.00 per 100; \$30.00 per 1000.

Evanston, \$10.00 per 100; \$80.00 per 1000.
Reinberg Bros., 51 Wabash Ave., Chicago.

Field grown carnations, strong plants, clean and ready for immediate planting.

Jubilee, Triumph and Flora Hill, \$5.00 per 100; \$45.00 per 1000.

Argyle and Armazindy, \$4.00 per 100; \$35.00 per 1000.

Tidal Wave, Mayor Pingree, Evelina, McGowan, Alaska, Bon Ton, Scott, \$3.50 per 100; \$30.00 per 1000.

Victor Bros., 51 Wabash Ave., Chicago.

Strong, stocky, field grown, plenty of fine roots, all No. 1. 3000 Flora Hill, \$5.00 per 100; \$40.00 per 1000. 300 Painted Lady, \$6.00 per 100. 1000 Scott, \$4.00 per 100. 800 Seneca Chief (our best red, blooms the year round), \$5.00 per 100. 400 Red Jackets (a No. 1 red), \$6.00 per 100. Cash with order.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Field grown plants, medium to large, per 100, Melba, \$12.00; Jubilee, Albertini, Pingree, Mrs. Duhme, McBurney, Armazindy, Mrs. F. Joost, Mrs. J. Dean, John Young and Uncle John, \$6.00; Triumph, Evelina and Empress, \$7.00; Hector, \$8.00; Portia, Storm King, Wellesley, Fire Fly and Argyle, \$5.00.
H. Weber & Sons, Oakland, Md.

Extra fine field grown plants, ready in the following varieties: Flora Hill, \$6.00 per 100; \$50.00 per 1,000. Daybreak and Triumph, \$5.00 per 100; \$40.00 per 1,000. Genesee, Scott and Meteor, \$4.00 per 100; \$35.00 per 1,000. McGowan, \$3.00 per 100; \$25.00 per 1,000. Cash with order.
W. A. Wettlin, Hornellsville, N. Y.

Surplus stock, 8000 field grown carnations, extra strong, bushy plants. McGowan, \$4.25 per 100; \$40.00 per 1000. Portia, Rose Queen, Daybreak, Scott, F. Hill, Jubilee and Meteor, \$4.75 per 100. Red Jacket and Onida, \$8.00 per 100. Morel Bros., 624 E. Market St., Scranton Pa.

I have a few thousand clean, healthy, field carnations to offer of the following varieties: Flora Hill, Alba Superba, Evelina, Victor, Hector, Scott, Minnie Cook and Pingree. Write for prices. Robt. Lockerbie, successor to Penn Rock Co., Holyoak, Del.

Fine field-grown carnation plants. Scarlet Seedling, Evanston, Daybreak, McGowan, Alaska, Albertini, Tidal Wave, Mrs. Fisher, Empress, Mayor Pingree, Bon Ton and Scott, \$4.00 per hundred. Cash with order please.
Van Wert Greenhouses, Van Wert, O.

Good plants field grown. Flora Hill, Triumph and Evelina, \$6.00 per 100; \$50.00 per 1,000. Eldorado and Daybreak, \$5.00 per 100; \$45.00 per 1,000. Gold Nugget, \$8.00 per 100. Wm. Scott, \$4.00 per 100.
Geo. F. Christie, Clifton Heights, Pa.

Choice field grown plants. Daybreak, Scott, Edith Foster, Jahn's Scarlet, Flora Hill, Nivea and Eldorado, \$6.00 per 100. John Young, New York and Bon Ton, \$5.00 per 100. Cash with order and satisfaction guaranteed.
Geo. E. Buxton, Nashua, N. H.

Field grown, very strong plants, ready now at bottom prices. Jubilee, Daybreak and Triumph, \$4.00 per 100. McGowan, Portia, Scott, Meteor, Morello and Ivory, \$3.00 per 100. Cash with order. Ed. Kirchner, Winona, Minn.

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Field-grown, healthy stock. Wm. Scott, Portia, Rose Queen, Kittie Clover, Mrs. Fisher, Eldorado, \$4.00 per 100. Duke of York, \$6.00 per 100. About 500 small plants of same \$3.00 per 100. Cash.
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Field grown. September delivery and later. We have a very large stock including G. H. Crane, Maceo, Glacier and Mrs. Jas. Dean, in good, healthy condition. Send for price list.
F. Dornier & Sons Co., La Fayette, Ind.

10,000 field grown carnation plants. Wm. Scott, Albertini, Silver Spray, and Mrs. Fisher, \$4.00 per 100; Daybreak, \$4.50 per 100. Plants very fine, healthy and stocky.
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Carnations. Daybreak, Scott, Genesee, strong, bushy plants, \$5.00 per 100. Cash with order. Geo. E. Fancourt, Wilkes-Barre, Pa.

Now ready. Daybreak, Scott, McGowan, Eldorado, Portia, Bridesmaid, C. A. Dana, Jahn's Scarlet, T. Cartledge, A. Webb, Morell and Meteor, \$4.00 per 100, cash.
Dana R. Herron, Ocean, N. Y.

I have two acres of the finest carnation plants that I ever offered to the trade. Scott, Portia, Flora Hill, Eldorado, Daybreak, McGowan. Edw. J. Taylor, Southport, Conn.

Good sized, healthy, field grown plants. Lizzie McGowan, \$4.00 per 100. Flora Hill, \$6.00 per 100. Daybreak, Scott and Alaska, \$5.00 per 100. C. E. Heite, Merriam, Johnson Co., Kan.

Wanted: 2000 McGowan, 2000 Daybreak, 2000 Scott, 500 Scarlet Wave. Must be good plants. State lowest cash price. J. F. McDonough, 453 S. Orange Ave., Newark, N. J.

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Thrifty field carnations with plenty of roots. Send for prices. All the new and leading varieties.
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10,000 field grown, ready now. New and standard varieties from \$4.00 to \$10.00 per 100. Fine plants. Write me your wants.
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Scott, Daybreak, McGowan, Nivea, Jahn's Scarlet, strong field grown plants, \$5.00 per 100; \$45.00 per 1000.
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75,000 field grown carnations. Extra fine plants, all carefully disshaded. For prices address H. W. Buckbee, Rockford, Ill.

Stocky, well grown plants at \$5.00 per 100. Triumph, Alaska, Painted Lady and Mrs. Northway. Joy & Son, Nashville, Tenn.

2000 first-class field-grown, Daybreak, Scott, Tidal Wave and McGowan, \$5.00 per 100.
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Best new and standard varieties. Write for catalogue and prices.
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How to grow them; 82 pages, well illustrated; only 25c. American Gardening, 133 Liberty St., New York City.

Grape Dust will check spot on chrysanthemums, and black fly too; also all sorts of mildew, etc. Sold by the seedsmen of America. Made by Hammond's Slug Shot Works, Fish-kill-on-Hudson, N. Y.

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Extra good, 2-in., \$1.50; 3-in., \$5.00; 4-in., \$7.00 per 100. Cash. E. G. Bunyar, Walnut Hill Greenhouses, Independence, Mo.

500 4-inch, strong, \$5.00 per 100. Or will exchange for field carnations. Edw. Eggert, 42 Whiting St., New Britain, Conn.

Strong, 3 and 4-in., \$1.00 per doz.
South Side Floral Co., Springfield, Ill.

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Strong plants from open ground, 20 to 30 inches high, \$3.00 per dozen; \$20.00 per 100. Ready for 6-inch pots. R. E. Graves, 421 Bridge St., Northampton, Mass.

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Ericas for October delivery. Plants set with bud. All sizes of the best commercial sorts at reasonable prices.
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Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rate.
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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

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Boston Ferns. Fine pot grown plants ready for 8 and 10-inch, 75c and \$1.00 each. Excellent bench grown plants ready for 5, 6 and 7-inch pots at 40, 50 and 60 cents each. Now is the time to order and get up.
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Adiantum cuneatum, select stock, \$6.00 per 100; \$55.00 per 1000. Ready for shipment at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

As good as the best. The Boston Fern, 5-in., \$4.00 per doz.; \$25.00 per 100. 6-in., \$5.00 per doz.; \$30.00 per 100. Cash.

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Boston Fern, small, \$4.00 per 100; large \$25.00 per 100. Carl J. Dane, 14 Lincoln St., Winchester, Mass.

1000 true Maidenhair fern, 2½-in., \$5.00 per 100. 1000 *Lycopodium dent.*, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

Boston Ferns. Genuine stock, \$5.00 per 100; \$40.00 per 1000. Not less than 250 at 1000 rate.
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Boston Ferns, 2½-inch, \$4.00 per 100. Cash. Eyer Bros., Chambersburg, Pa.

Selaginella, 3-in., \$6.00 per 100. Cash. John Reck, Bridgeport, Conn.

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Peach and plum trees for full delivery 1899. Reliable and clean stock at low wholesale rates. All desirable leading varieties of peaches, old and new, in fruiting orchards. Have the new Triumph, Greensboro, and Sneed fruiting. Buds can be supplied in season at low rates. Very large stock of plum trees, all on plum roots, one and two years. Buds can be supplied of these also, either from nurseries or orchard trees. Have all the leading Japanese varieties, Abundance, Burbank, Chabot, Satsuma, Willard and others; also the new Red June and Wickson in good supply. Usual supply also of Asparagus Roots to offer.
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Gardenia Florida, from 3-inch pots, 8-10 inches, branched, \$10.00 per 100.
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3-inch, very bushy, \$10.00 per 100. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

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Mme. Jaulin, the peach pink Bruant, 3-inch, \$8.00 per 100.

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S. A. Nutt, Bruant and other best varieties, 2½-in., \$2.00 per 100.

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1000 new Geranium De Roo Mitting, per doz., \$1.20. Morris Floral Co., Morris, Ill.

500 apple geraniums, 2½-in., \$4.00 per 100. H. Steinmetz, Raleigh, N. C.

GREVILLEA.

Grevillea robusta, 3-inch, fine plants, \$4.00 per 100. Cash. Beach & Chessman, Richmond, Ind.

Grevillea Robusta, 2-in., strong, \$2.50 per 100. Edw. B. Jackson, Stamford, Conn.

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20,000 Shade Trees, all kinds and sizes; 15,000 Evergreens, 2 to 10 feet; 10,000 Shrubs, many new kinds; 20,000 California Privet, 2 to 6 feet; 3,000 Colorado Blue Spruce, 2 to 4 feet; 4,000 Arbor Vitae trees, 4 to 7 feet; 1,200 Purple Beech, 4 to 9 feet; Clematis, Honeysuckles; 3,000 Rhododendrons and Hardy Azaleas, 2 to 3 feet. Stephen Crane, Prop., Norwich Nurseries, Norwich, Conn.

Just received from our Holland Nurseries: Rhododendrons, Azaleas, Spiraea Japonica, Lilium speciosum, Paeonies, Bleeding Heart, 1000 grown Lilacs, Hydrangeas in sorts, Clematis and H. P. Roses in the best sorts. Prices moderate. P. Ouwkerk, 1123 Summit Ave., Jersey City, N. J.

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Biota Aurea Nana, a perfect gem, fine, shapely plants, hardy north, 10 to 12 inches high, \$10.00 per 100; \$80.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100.

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Hardy shrubs, trees, vines, evergreens and perennials. A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap. Trade list free an application.

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Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

An immense stock of both large and small sized Evergreen Trees, in great variety. Also Evergreen Shrubs. Correspondence solicited.
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We are growing shrubs, roses and herbaceous plants in large quantities. Send for wholesale list.

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Rare collected seeds of American Woody and Herbaceous plants. Ask for list and discounts. Pinehurst Nurseries, Otto Katzenstein, Mgr., Pinehurst, N. C.

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Clematis paniculata, 2 years old, pot grown, \$6.00 per 100. C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Azalea Amoena, Hardy shrubs and trees in great variety. Send for price list.
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Dielytra, or Bleeding Heart, \$6.00 per 100; \$50.00 per 1000. S. E. Hall, Cherry Valley, Ill.

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Hydrangea from 4-inch pots, \$8.00 per 100. Fred Boerner, Cape May City, N. J.

If you buy from these advs, others would buy from yours.

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Cryptomeria Japonica (Japan cedar), a beautiful jardiniere evergreen, as handsome as *Araucaria excelsa*, for which it is often mistaken, but ten times cheaper. 4-inch pots, \$15.00 per 100. 2½-inch pots, \$9.00 per 100. 2½-inch for \$2.50, postpaid.
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Myrtle for cemetery and carpet work. I have the largest and best stock in the country. Rooted cuttings, by mail, prepaid, per 100, 60c; per 1000, \$4.50. Large field-grown sods, per 100, \$6.00. Delivered free to any express from New York City. Cash.
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Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel.
W. Mathewa, Utica, N. Y.

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Peonies, 14 varieties, assorted, \$7.00 per 100; \$60.00 per 1000. S. E. Hall, Cherry Valley, Ill.

PALMS, ETC.

	Pot	H't.	Char.	Per	Per
	in.	in.	lvs.	100.	1000.
<i>Latania Borbonica</i> ,	4	12-15	2	\$15.00	\$125
"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
<i>Phoenix Canariensis</i> ,	4	15-18	4-5	15.00	
<i>Scaevola Elegans</i> ,	4	18-20	2	20.00	

P. J. Berckmans Company, Augusta, Ga.

Dracaena Sanderiana, 3-in. pots, \$20 a 100. *Piperomia Arifolia*, 3-in. pots, \$8 per 100. *Ficus Elastica*, 6-inch pots, 18-inch, \$40.00 per 100; 8-inch pots, 3 to 4 feet, \$1.50 each.

J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Dracaena Fragrans, 4-inch, fine stock, \$25.00 per 100. *Ficus Elastica*, choice stock from 5 and 6-inch pots, \$6.00 to \$9.00 per doz.

C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Large stock of handsome home grown palms and decorative plants of all the leading varieties at popular prices. Send for price list.
Lemuel Ball, Wissinoming, Philadelphia, Pa.

A large assortment of Palms, Rubbers, Cycas and Bay Trees. Prices on application.
H. C. Steinhoff, 578 Hudson Boul., West Hoboken, N. J.

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Phoenix recinata, 6-inch pots, \$6.00 per doz. *Ficus elastica*, 6-inch pots, \$4.00 per doz.
C. Elselo, 11th & Jefferson Sts., Philadelphia, Pa.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS.

Measurements from top of pot to top of tallest leaf.

	Pot H't. Char.			Each.	Doz.
	In.	In.	In.		
Latanla Borbonica,	3				\$ 50
"	3				1.60
"	5	16-20	5-8	\$ 5.00	6.00
"	6	18-20	5-7	.75	9.00
"	7	20-24	6-8	1.00	12.00
Cocoa Weddellana,	3	14-18	4-6	.25	3.00
Kentia Belmoreana,	3	6-7	3-4		2.00
"	3	8-10	4-5	.25	3.00
"	3	18-20	5-6	.75	9.00
"	6	18-20	6-7	1.00	12.00
"	6	20-25	6-7	1.50	18.00
"	7	34-38	6-7	2.50	30.00
Kentia Forsteriana,	5	20-24	4-6	.75	9.00
"	5	25-28	4-6	1.00	12.00
"	6	26-30	6-8	1.50	18.00
"	7	36-40	6-6	2.50	30.00
Phoenix Reclinata,	5	14-16	5-8	.50	6.00
"	5	16-18	7-10	.75	9.00
Pandanus Utilis,	3				1.50
"	4	12-14			3.00
"	5	14-16			6.00
Peperomia Agyrea,					1.50
Dracaena terminalis,	4				3.00
" Fragrans,	4	8-10			3.00
"	5	10-12		.60	5.00
"	6	14-16		.75	9.00

Araucaria Excelsa at \$10.00, \$15.00 and \$36.00 per dozen. Cycas Revoluta from 50 cents to \$15.00 each, in any quantity.

Geo. Wittbold, 1708 N. Halsted St., Chicago.

1000 Areca lutescens and 1000 Latania borbonica, in 4-inch pots, ready for 5-inch. Will sell cheap. Wm. Kraft, 135 Johnson Ave., Newark, N. J.

Pandanus Veitchii, per doz., 6-in., \$12.00; 7-in., \$18.00; 8-in., \$24.00. Stock in excellent condition. J. Welsh Young, Germantown, Pa.

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CLASSIFIED ADVERTISEMENTS—CONTINUED.

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Six Bales, \$5.00.

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The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

Manufacturer of Wire Work for Florists. James Griffith, 701 Main St., Cincinnati, O.

Baltimore, Md.—The Florists' and Gardeners' Club at its last meeting decided to hold a chrysanthemum show the first week in November next. The committee of arrangements consists of W. P. Binder, Geo. Talbot, Chas. Seybold and H. Fisher. A resolution was adopted offering assistance to the firm of Fisher & Ekas, whose place was recently struck by lightning and damaged by fire.

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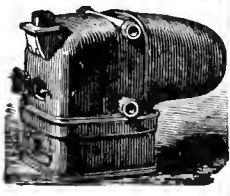
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G. L. GRANT, EDITOR AND MANAGER.

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YPSILANTI, MICH.—The feature of the depot garden here of the Michigan Central R. R. this year is a monument to the memory of the battleship Maine in which 20,000 plants were used. It is 22 feet high and 20 feet across the base and is surmounted by an eagle 2 feet 7 inches high, standing on a globe 2 feet in diameter. Below this is an octagonal cone 14 feet in height resting upon an ornamental base, upon the end of which is placed a miniature battleship. The plants used are al-tantheras, echeverias, sedum and oxalis.

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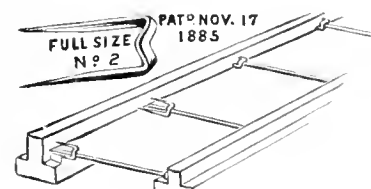
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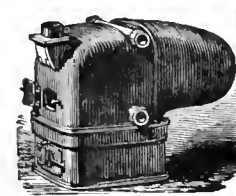
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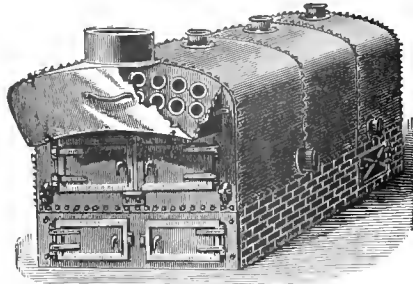
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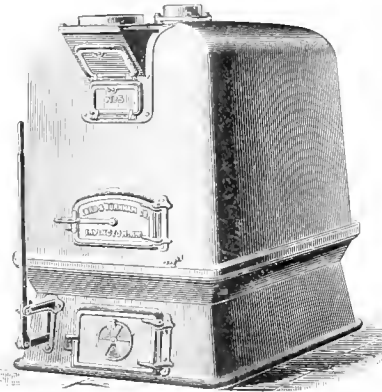
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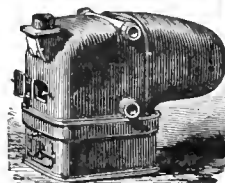
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Vol. IV.

CHICAGO AND NEW YORK, SEPTEMBER 14, 1899.

No. 94.

ROSE NOTES.

The exceedingly hot weather in this section has been followed by a sudden drop in temperature, and judgment must be used in ventilating or mildew will get the upper hand of the grower. The steam plant should be in working

It would be a great blessing if someone would invent or discover something to destroy butterflies wholesale, as they are causing untold damage in this section. The little white ones that are said to be the parents of the leaf roller have been exceedingly numer-

ROSE GROWING IN THE SOUTH.

Mr. A. Hange, manager for Mr. W. B. Paterson, Montgomery, Ala., has been visiting Chicago and other northern cities.

He says they have a range of about 50,000 feet of glass devoted mainly to roses and that while summer roses are about out of the question with them they can produce as fine flowers in winter as could be wished, especially of American Beauty.

The labor question is, however, a rather serious problem. Practically nothing but colored help is available and while this answers all right for the heavy work, there are few skilled men among this class.

He talked cheerfully of working in a temperature of 147 degrees under glass in the summer time and said it was a trifle difficult to keep any fat on one under such conditions.

He looks for a large development of business in the south during the next decade and feels sure that the florists' business will grow in proportion. Also that the south will soon produce the most of the roses now shipped in from the north.

As to carnations he is not so confident. The hot sun is a powerful deterrent to satisfactory growth in the field.

GERANIUM "LITTLE PINK."

The accompanying engraving is from a photograph of the new dwarf geranium "Little Pink," a seedling from "Mars" that originated with Mr. W. E. Hall, Clyde, O. The plant shown was in a 4-inch pot and as can be seen by the picture carried as many trusses of bloom as it is possible for a plant to carry.

Plants of this pretty little geranium were shown at Detroit and made a very favorable impression. There is always a place for such a free bloomer.

A. O. T.



New Dwarf Geranium Little Pink.

order and sulphur and lime smeared on the pipes and a little steam circulated through them the cooler part of the night. It is poor economy to defer putting the night fireman on duty, as he may be worth many times his salary in attending to ventilating, fumigating and many other things that may be noticed on each place.

ous, consequently the leaf rollers have destroyed great quantities of buds and disfigured a great deal of foliage.

Green fly will now be making its appearance in numbers and fumigating must be attended to regularly. Set certain days for this important operation, and do not let the day pass without attending to it.

MISCELLANEOUS SEASONABLE HINTS.

Frost is Coming.

This is a busy month, for frosts are expected towards the end of it, and cuttings are much better made before any frost has touched them, even if the frost has not been sharp enough for you to notice it. There are some plants you lift and propagate afterwards and others you have to put the cuttings in now or before any danger of frost.

The ivy geraniums are of first importance. We put them in the sand as we do anything else, with an eye above and below the surface.

The vincas, used so much in veranda boxes and vases, should not be overlooked. The long growths on the plant that you planted out in June will give you any amount of cuttings. It is not only the top of the shoot, but all that can be cut up (except the very hard portion), and made into cuttings. The green variety is about as valuable as the variegated. Many of the large plants are lifted in the fall and put into 5 and 6-inch pots. They lift well and hold their leaves without any loss. They need the side of the bench, so that their numerous long, drooping growths can hang down. For some kinds of decorations these large vincas are very useful, but they take up lots of room.

Abutilon vexillarium is another drooping plant that is greatly in demand in the spring. Hard pieces of their shoots will not grow, and it is only about two cuttings you can make of each growth. They are by no means as easy to root as many cuttings. They wilt quickly and must be kept wet and well shaded from the sun. The plants of these, too, are often lifted and put into 4-inch pots, and make very ornamental plants for decorations. They must be lifted with all their roots and kept from wilting by shade and sprinkling or they will soon lose their leaves.

Two common little plants that are invaluable as droopers are the variegated glechoma and money vine (lysimachia). If not done before, put two or three cuttings from the tops of the young growth around the edge of a 2-inch pot and stand in a shaded cold-frame. When rooted plunge them in some material in a cold-frame and let them remain there till next March. When they are brought in and shifted into 3-inch they make fine trailing

stuff in a short time. If coddled up all winter in a greenhouse they would be useless.

Verbenas are so largely grown from seed now that only specialists bother with cuttings. If you put in cuttings they will root very well in a cold-frame in flats two inches deep, with one inch of soil and one inch of sand. They like the cool and fresh air of the cold-frame and can be easily handled till you are ready to pot off. Remember that it is useless to put in a verberna cutting unless it is a fresh young growth; and plenty of water is needed while rooting. Don't forget a few of any plants that are readily increased by cuttings.

There are a number of plants that it is economy to lift and propagate during winter or spring. Pyrethrum (feverfew) is one. Acalypha lifts well and when cut back later it makes young growths that root easily. The double sweet alyssum cannot be produced from seed and it is a most useful plant, both indoors and out. You should cut back a dozen plants now and lift before frost. They will give you lots of cuttings, and we always need them. Salvias all lift and are propagated later, and so can ageratum.

If you have not grown any lobelias for stock in pots, then shorten back a few plants and lift at once. A plant that has done well with us, or rather has again proved one of the very best summer vines, is *Pilogyne suavis*. As I don't find this in any dictionary of gardening, it may not be its correct name, but it is awkward enough to be correct. It has a very slender, wiry stem, with a dark green leaf about one inch in length and breadth and a very small, inconspicuous white flower. When disturbed the leaves have a very faint odor of musk. It is a rapid, vigorous grower and forms a dense mass, a perfect veil of foliage. It roots easily from cuttings, but is rather troublesome to keep over winter, and those who first see small plants of it might think it a very small affair, but when I tell you that a plant in a 6-inch pot covered densely a space 8 feet by 6 feet, it will give you an idea of how it will grow. It would not make a good basket plant, but for a veranda box or for climbing on a trellis I don't know its equal. In combination with *maurandya* it is fine out of doors in summer.

Hydrangeas that are wanted for early spring flowers, if in pots should not be crowded just now. Spread them so that light can get at their lower buds. Don't take them in till they have had a slight frost; it ripens the wood and fits them better for forcing, and as the season advances they want less water.

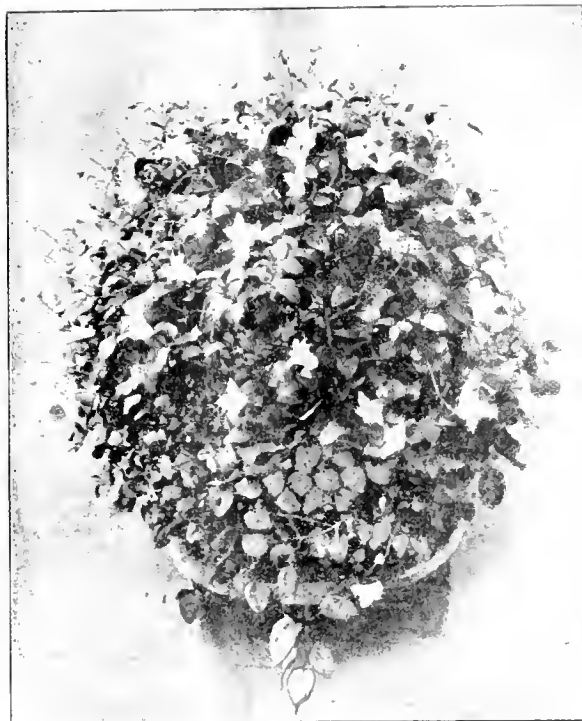
Last year we flowered a few dozen *Bougainvillea Sanderiana* as well as I believe it is possible to make them. They are a tropical plant and must not have the least frost, but whether in pots or planted out, I believe they should be allowed to remain out as long as it is safe, so that the shoots will ripen, which they did last year. That, I believe, was the cause of their blooming so profusely. When first moved in we put them into a house of 50 degrees at night and after Christmas gave them 60 degrees, when at the axil of the leaf the flower bud appeared. It takes a long time for the flower, or rather bracts, to develop, almost three months from the time you first see the small flower buds.

We have a number of Crimson and Yellow Rambler roses in 7 and 8-inch pots plunged out of doors. Cut back in the spring, they have made growths of five and six feet. From now on till hard frost we don't want them to make any more growths, but by colder weather and a much shorter allowance of water we expect them to ripen their canes; so only give water enough to keep leaves green and wood plump.

Let me remind you once more that when your plants of poinsettia are large enough to shift, they should go into their flowering pot at once. To disturb their roots when well advanced is disastrous to them, and they will lose their leaves sure. Better to have their pots full of roots and have to feed some with liquid the last month than be shifting them after end of this month. If you grow only for the cut stems, they are much easier managed planted out in five inches of soil on a bench where the house is not below 60 degrees at night. And there is this about the planted-out ones: When root action is vigorous, which it would be on those planted out, they will put up with a lower temperature without losing their leaves. This I have proved with the poinsettia, and it is doubtless true of almost any other plant. Mind, I don't say that a tender plant will endure frost any better than a plant in a pot, but one that is receiving good nourishment from the roots can withstand a lower temperature better than one whose roots are inactive. It is more often the condition of the roots than the temperature that brings our poinsettia to the sere and yellow leaf. WM. SCOTT.

JACKMAN'S CLEMATIS COCCINEA HYBRIDS.

One of the greatest boons to the lover of flowering vines was the presentation to the public in 1863 by



Clematis of Hybrid Coccinea Type.

Messrs. Jackman & Son, Surrey, England, of the hybrid clematis, "Jackmanii." This variety was the result of a cross between the European vine bower (*C. viticella*) and the Chinese *C. lanuginosa*. On account of its free blooming qualities and rugged constitution it has become a staple article in the florist trade, and marked a new era in vine decoration. Since then they and others have crossed and re-crossed species and varieties until what is termed the large flowered section now contains many beautiful varieties.

Within a few years Messrs. Jackman & Son have again distinguished themselves and produced an entirely new race by crossing our Texas species *C. coccinea* and some of the large flowered varieties.

Botanists consider *C. coccinea* a variety of our North American "leather flower" (*C. viorna*). As is well known, the scarlet flowers of *C. coccinea* may be said not to open. The four sepals are very fleshy and thick, about an inch and a half long, campanulate at the base and reflexed at the tips. As will be seen this shape of flower is entirely different from that of any of the large flowered type.

No member of the family seems more hardy, more free and lasting in bloom or more easily handled than *C. coccinea*, and it was a wise move in selecting it as one of the parents of a new race. As a cross to it one of the Jackmanii type (*C. Star of India*) was chosen.

The Jackmanii type is defined in

Messrs. Jackman & Son's catalogue as: "Climbing, mostly large flowered, summer and autumn bloomers, flowering successively in profuse, continuous masses on summer shoots." That definition would also apply to *C. coccinea* as in the habit and time of flowering both are alike, and their progeny possesses the same good traits, essential ones where our winters are too severe to enable us to save the old wood, which, in the case of the Montana and patens type bear the flowering shoots.

These new hybrids have been exhibited in England and justly received first class certificates and awards of merit. The flowers of all may be said to be campanulate or open bell-shape and all possess a band of color down the center of each petal, so often noticed in those of the large flowered varieties. There are four to six petals to each bloom.

So far there are but four varieties on the market, all well marked, between which it is hard to choose. I have grown them all and am more than pleased with them. Countess of Onslow is a bright violet-purple with a band of scarlet down the center of each petal. Duchess of Albany, a bright pink, deeper down the center. Duchess of York, a pale blush pink, campanulate in form. Grace Darling is a bright rosy carmine, and somewhat star shaped. The blooms last well when cut and could be used in decorative work with effect.

W. C. EGAN.

[The accompanying engraving,

which we have reproduced from the Gardeners' Magazine, shows a pot plant of Duchess of York that was shown by Messrs. Jackman & Son at an exhibition last June.—Ed.]

CONN. HORT. SOCIETY.

The September exhibition of the Connecticut Horticultural Society held in South Manchester, Conn., was one of the most, if not the most, successful ever held by the society. Dahlias were the chief feature, there being considerably over 3,000 blooms in the hall. Several of the prominent dealers sent their finest blooms, which for great variety of form and color and their beauty were a revelation to many, who had their opinion of the dahlia drawn from the old, homely varieties of show type grown in the old gardens. Amateurs were well represented, too.

Invitations were sent out, prior to the exhibition, to dealers in dahlias and gladioli to exhibit their flowers, and a special list of classes was added to make a greater variety of exhibits. The success of this scheme will probably lead the society to adopt the same method for the chrysanthemum and carnation exhibition, which will be held in Hartford November 7, 8, 9 and 10. Schedules may be had of Secretary C. H. Boykett, Hartford.

There was a highly interesting talk on the dahlia by Rev. W. T. Hutchins, of Indian Orchard, Mass., and an address by Rev. Magee Pratt, of Hartford, on the joys of floriculture, which were listened to with the closest attention.

The prize for greenhouse and stove plants went to T. J. McRona'd, Hartford, for a very fine collection. The ferns were "all right" and Mark Wakeman, gardener for F. B. Cooley, Hartford, received the first prize. H. J. Koehler had a fine collection of wild flowers and their fruits, comprising most of the species in this locality. W. G. Henderson, gardener for H. C. Judd, Hartford, received many first prizes for vegetables. W. B. May, Robt. Patchet, Edward McDermid and Jos. Albiston received several prizes each in fruit and vegetable classes.

H. F. Burt, Taunton, Mass., had a splendid general display of dahlias covering over 240 square feet, staged in sawdust, which was generally admired. Mr. Burt was awarded the gold medal. Lothrop & Higgins, of East Bridgewater, Mass., were a close second, and were awarded a diploma. Their display was staged in vases and contained a greater proportion of the cactus class, consequently were approved by everyone. Mrs. Higgins, who was with the exhibit, took many orders for the tubers for next spring, a very substantial evidence of the excellence of their blooms. The honors in the other dahlia classes were about evenly divided between H. F. Burt and Lothrop & Higgins, the latter being awarded first prize for the collection

of cactus dahlias, which made a very handsome and effective display.

Grand Duke Alexis was the winner of the prize for the largest bloom, and it was a "buster." Bowery Girl, exhibited by Lothrop & Higgins, was awarded a diploma for best bloom for any variety not yet introduced. This is a large flower of about the same shape and size as Wm. Agnew, with reddish yellow petals striped and flaked bright scarlet. W. A. Power, of Hartford, received several prizes for his dahlias, which compared favorably with the flowers exhibited by dealers. The Springfield Amateur Horticultural Society made a very nice exhibit of asters and dahlias.

Among the many beautiful dahlias may be mentioned the following, any one of which deserves wide cultivation by florist and amateur alike:

Bertha Mawley, Prince of Orange, Juno, Blanche Keith, Matchless, Miss Violet Morgan, Delicata, Harmony, Myrtle Downs, Mrs. A. Peart, Kynerith, Lady Penzance, Belle Higgins,

Bennett Goldney, Miss Irene Cannell, Perle de la Tete d'Or, Zulu.

John Lewis Childs, of Floral Park, N. Y., sent a fine collection of gladioli as well as other flowers.

Among the Lemoinei varieties the most noticeable were Nydia and Lamartine. Childs was more than well represented by the beautiful varieties: Nezinscott, Mrs. Beecher, A. H. Go'd-smith, I. Buchanan, Torchlight, Ethel, Little Blush, Falconer, and many others made up the exhibit.

After the exhibition these were placed in the window of the Hartford Times and no doubt will keep a long time and attract more than passing notice.

We hope Mr. Childs as well as the other dealers will benefit in a substantial way from their exhibits. Certainly the comments on their flowers were most gratifying and should lead to an increased trade in this vicinity.

Preparations for the chrysanthemum and carnation exhibition are now under way and all interested are invited to correspond with the society. R.

where it can be arranged to bring out the fullest measure of admiration.

Although green makes the best background for yellow, golden rod is so much identified with autumn scenery in this country that it will be well if you can make your central feature of autumn foliage and golden rod. You can get high colored foliage now along the water fronts or in the swamps, and a few branches are worth a lot of trouble to get. You are liable to win many a good decoration if you dwell upon the beauty and appropriateness of autumn foliage and wild flowers, because when people wish to decorate their homes they have in their mind's eye some woodland scene, real or imaginary, and a recital of the loveliness of nature's home will have more effect on them; therefore, particularly at this time of the year, make yourself acquainted with all the good material, such as heloniums, solidagos, asters (Michaelmas daisies), rudbeckias, etc., and the showiest kinds of foliage. Where wild flowers are used it is best to use woodland foliage; keep your cultivated stock out, or put it in special positions where it will not conflict with the other.

Many of you are sure to have plenty of work for weddings soon, and though autumn leaves (looking at the matter from a strictly sentimental point of view) are not proper materials to use, still those who look only on the artistic side will be better satisfied with their abundant use. It is always better to cater to the bride-elect's whims and fancies; please her, and the rest will follow, because the whole affair is for her pleasure.

Clematis paniculata growing on north walls is in full bloom and is one of the finest combinations of flower and vine to be got. Cut it in long sprays and use it in your decorations where the people can inhale its fragrance or where it can be reflected in a mirror, or let it hang down naturally.

There is not very much now in the way of extra choice flowers for bridal bouquets. *Dendrobium formosum giganteum* is about the only white orchid on the market; even that is not entirely white, it having a very pronounced yellow center, but the general effect is white. They can be gotten of any large orchid grower for from 15 to 25 cents, and they are worth about \$4 or \$5 per dozen, retail. They have short stems and it is best to use a thin wire to make them face upwards; three or four dozen make a large bouquet and *A. Farleyense* is the best foliage. Lily of the valley is plentiful and is always a fine and choice bouquet; so is a graceful bunch of *Jasminum gracillimum*. Victorias make a far more preferable bouquet than the Bride rose. Rich silk ribbons are to be used this season in preference to satin.

Vanda coerulea is perhaps the finest flower on the market this week. It is grand. Many of the spikes are light enough for a wedding spray bunch. Any of them will do for the latest in



SMALL FERNS, 5c.

Shall we send for your empty fern dish? We'll return it arranged at any desired time—our only charge will be for the ferns, each, 5c. Conservatory on the roof.

It's enough to make one either swear or think deeply after he reads the above, which is printed in the leading daily papers. The retail florists have to pay the grower more than this for the stock, and how can these people afford to do it? Of course florists can well afford to be rid of the class of trade that frequents the bargain counter of the dry goods house. No, no, the florists need not be afraid of that, for the good, sensible customer knows that the florist's store or greenhouse is the right place for reliable goods. The nuisance is in having these pesky old women and penurious young matrons come into your store when busy waiting on some good customers and ask you what you charge for filling some badly plated dish they got for a wedding present, and when you give your price they generally cry out that "Dry Goods Fakeum Co." will fill it

for one-third that price and deliver it fifty miles away free. Yes, friends, this is one of the times you wish two things, that the law would agree with you and that you could use a gun.

But there is another way to deal with it, and every retailer should adopt it to protect himself. Find out where these people get their goods at a price that enables them to undersell you so much, and boycott that grower; make him feel the smallness of his acts. He will certainly not care a rap for isolated action, but there is not an American grower today who would care to face the odium or ostracism of a united body of his fellow men; he dare not do it.

Golden rod is very abundant all over the land and though it is losing its popularity on account of the increased cultivation of more showy flowers, still many people love it for the sentiments that may surround it, and if you have any decorations to do this month it will be well to use plenty of it. It is always best to have it all together in one room or hallway



German Floral Arrangement.

bridesmaids' bouquets, or they are fine on the table. There is no flower with such a heavenly blue tint, and when they are carefully arranged, not in silver, gold or opposing colored, but in a white vase with a very few fronds of *Adiantum gracillimum*, there is nothing to equal them. IVERA.

GERMAN FLORAL ARRANGEMENT.

The accompanying engraving, which we have reproduced from Moller's *Deutsche Gartner Zeitung*, shows a very pretty arrangement of lilies, cy-cas leaves, ferns and asparagus.

OBITUARY.

ALFRED HENDERSON, eldest son of the late Peter Henderson, died at Spring Lake, N. J., Sept. 5th, and was laid to rest in Greenwood cemetery, New York. He was only 47 years old

and had suffered much from spinal disease for the past twelve years.

His was not a life closely identified with the outward enthusiasms of American horticulture, but it appreciated and encouraged all that was good and progressive in it; the son of a man who not only laid the foundation, but built an imperishable monument of and to American floriculture, how could he be otherwise? Misfortune could never destroy the hopes born of a heritage such as his, and in the long years of his illness he seemed to be buoyed up by a desire to fulfill his father's wishes.

He was deeply interested in every line of advancement. What Henri de Vilmorin was to France, Alfred Henderson was to America. It was but a few days between the death of these two young men, and both countries deeply feel the loss.

The funeral services were held in the Madison Avenue Reformed Church and as those who attended filed past

the casket to bid a long farewell, there surrounded by flowers he had done so much to perfect, with pathetic music and song appealing to the God of all, was it any wonder the "old timers'" eyes were dim when memories told them of his goodness and his father's nobleness? May they both rest in peace. IVERA.

PHILIP H. ALBURGER, aged 65, of Ridge avenue and Huntington street, Philadelphia, died Sept. 9th. The funeral took place Tuesday last, interment at South Laurel Hill cemetery.

JOSEPH H. LUKENS, aged 59, of Burlington, N. J., died Sept. 7. The funeral took place Monday last, Sept. 11th, interment at St. Mary's churchyard, Burlington, N. J.

NEW YORK.

Club Meeting.

September 11 in New York city was one of those days when one doesn't care if "school keeps or not." The merciless rain came down and up and around you in torrents, the dry, warm room was something akin to paradise, and very urgent or deeply interesting was the business that would justify anyone in attending. Nevertheless, the first meeting of the Florists' Club for the season of 1899-1900 was held, and though the numbers were not large, they were enthusiastic and business-like. In the absence of the president Mr. O'Mara was asked to preside, and then came the bowlers' excuses for their conduct at Detroit and their earnest promises to win back a reputation next year.

The members present who had been to Detroit gave exuberant praises to the men and women out there for the many pleasures and abundant hospitalities given them during the convention. It was finally ordered that a vote of thanks be sent to the Detroit florists for their generous treatment, with the hope that the New York club would be able to reciprocate next August.

The several special and standing committees made reports, the transportation and invitation set stated how they conveyed and treated the delegation, and that they had secured the convention for New York in 1900, which was the best part of it all. The executive committee of the club will meet in the rooms at 3 p. m. Monday, September 25, to consider plans for entertaining the crowd next summer.

Messrs. Weathered, Nash and Cleary were appointed a committee to draw up resolutions of the club's sympathy for the family of the late Alfred Henderson, whose death was very much regretted by the members. A letter was read from Mr. Chas. Henderson thanking the club for the beautiful floral design sent to his brother's funeral.

Mr. J. Austin Shaw was a very welcome attendant at the meeting. He has, we are glad to say, almost entire-

ly recovered from the effects of the accident sustained at Detroit. He was in a very happy mood and on being called upon to give an account of himself, rendered in very graceful language his gratitude to all in the trade who have shown such great kindness to him. He spoke in glowing terms of the western people and their hospitality, and felt assured that the next convention would be the greatest event known in the history of our business.

Bowling.

The New York howlers are out for gizzards this time. The annual meeting will be held on the alleys, Fifty-seventh street and Sixth avenue, on Monday, Sept. 18th, at 7 p. m. Election of officers, etc., for ensuing year will take place at this meeting, also ways and means devised by which the "Slow-Town" crowd will be defeated at the next combat. The crowd at the alleys Monday afternoon accomplished the following:

Rochrs	128	137	142
Burns	153	170	162
Schultheis	152	152	136
Berry	119	129	123
Bunyard	117	126	93
O'Mara	119	151	140
Traendly	125	137	106
Butterfield	151	197	211
Lang	188	139	
Donlan	115	91	

Various Items.

The New York Gardeners' Society held the first meeting of the season on Saturday night last. An invitation was received from the New Jersey Horticultural Society for members to attend the fifth annual meeting of that society, which will be held in Orange on the 2nd of October. The invitation was accepted and a delegation will attend to spread the spirit of fraternity. Let's have more of it between our societies and clubs. A committee, consisting of Messrs. Marshall, Withers, Donlan, Bartholomae and Manda, was appointed to arrange for the annual dinner of the New York Gardeners' Society, which event will probably take place in November.

Arthur Herrington and family have returned from a most enjoyable trip to Europe. Mr. Herrington hopes to see a grand exhibition here next year and will do his best to make it a success.

Alfred Dimnock, with something either new or rare up his sleeve, will arrive here on the Lucania, Sept. 16th.

The auction season commences this week, and both houses have a long and interesting list to dispense with. Cleary has been learning Japanese and Elliott Spanish, and what else do you need? The highest bidder takes it.

W. E. Marshall has severed his connection with the J. M. Thorburn Co. and has associated himself with Weeber & Don.

E. B. Dunn, formerly with the J. M. Thorburn Co., will with others open a general supply business at 50 West Thirtieth street.

We have just been informed of the death of William Davidson, who was

at one time in business with Bennett at Flatbush. Wm. Davidson was one of the oldest and best informed florists in the country. He was closely identified with all that was best and progressive in commercial floriculture in the days when heroism formed no small portion of the florist's life. In these days of the shoulder and elbow rush of affairs it matters little who falls by the wayside; ingratitude was ever noted for bad eyesight and stony hearts; it is only when one of the old pillars tumble that the men of thought will gratefully remember the early struggles of the few who made the business and the men of today what they are.

IVERA.

PHILADELPHIA.

The Market.

Trade has improved somewhat the past week, which is due to the fact that a great many are returning to their city homes.

Beauties, 15 to 25; Brides and Maids, 3 to 5; Kaiserins, 2 to 5; La France, 3 to 5; Meteors, 2 to 5; Perles, 2 to 3; Carnations, 75 cents to \$1, with some of the best bringing \$1.25; valley, 2 to 4; gladiolus, 2 to 3; tuberose, \$1 to \$3; asters, 50 cents to \$1; adiantum, 75 cents to \$1; asparagus, 50; smilax, 20.

Various Notes.

Robert Crawford had a dinner decoration of pink asters, given by D. D. Cossly in honor of Admiral Sampson and his staff at the Gladstone Hotel.

H. H. Battles opened a new store at 112 South Twelfth street, which he calls the "Century Flower Shop." This is for the cheaper class of trade.

Meeting of the American Pomological Society.

The American Pomological Society began its twenty-sixth biennial meeting in Horticultural Hall on Thursday. The session was opened with prayer by Rev. H. McCook, D. D. Robert Craig made an address of welcome on behalf of the Pennsylvania Horticultural Society, which was responded to by Mr. Berkmans, of Augusta, Ga. The meeting was well attended and there was a very fine exhibit of fruit. The New Jersey Horticultural Society exhibited 700 plates of fruit, the chief exhibitors being Messrs. Rogers, of Newark, N. J.; Blackwell, of Titusville; Black, of Hightstown; C. C. Corby and G. W. Fisher, of Montclair, N. J.

Ellwanger & Barry, Rochester, N. Y., exhibited seventy-five plates of pears; Parry's Pomona Nurseries, Parry, N. J., had a fine display of chestnuts, principally Japanese varieties.

The Pennsylvania State College had a fine display of twenty varieties of apples and twenty of grapes. The number of plates on exhibition was 1,800.

Visitors.

Among the many visitors the past week were: Fred Haupt, Terre Haute, Ind.; M. B. Bunker, Boston, Mass.; W. W. Edgar, Waverly, Mass.; L. Bownot, Easton, Pa.; E. Hippard, Youngstown, O.; Mr. Cremer, Jr., Hanover, Pa.; Mr. Schuerman, St. Louis, Mo.; Mr. Valentine, of the Park Floral Co., Denver, Col.; Chas. W. Crouch, Knoxville, Tenn.; C. E. Wingate, Lawrence, Mass.; Chas. R. Dane, Boston, Mass.

R.

CHICAGO.

The Market.

The week opened with a brisk demand for good roses and carnations, of which there is now a shortage, probably owing to the recent change to cool weather, at times quite chilly. After having been roasted, the plants are now being chilled.

The main shortage in carnations was in the colored sorts, white being still in sufficient supply to meet most calls. Asters are still to be had in very good quality.

All the wholesalers agree that fall trade seems to be opening a little earlier than usual, and that the past summer's business has been the best for many years.

Kennicott Bros. Co. are receiving daily shipments of chrysanthemums. There is only a dozen or so in each shipment, but the supply is regular.

Various Items.

Charles Gager Vaughan, youngest son of Mr. and Mrs. J. C. Vaughan, died last Saturday, September 9, aged 18 years. Interment was at Rose Hill last Tuesday. Many of those in the trade were present and the floral offerings were numerous. Mr. and Mrs. Vaughan have the sympathy of all in their bereavement.

Kennicott Bros. Co. have about completed the thorough overhauling, repainting, etc., of their establishment that has been going on all summer and have things in fine shape for the coming season's business.

Mr. E. E. Pieser, of the above company, is expected home from his Michigan trip the end of this week.

Recent visitors: Mrs. J. F. Brendel, Galena, Ill.; R. F. Tesson, St. Louis; Fred F. Feige, of the Winner S. and Company, Saginaw, Mich.

August Bergland has opened a floral store at 124 East Chicago avenue and uses the title "Chicago Avenue Florist."

Club Meeting.

The next regular meeting of the Florists' Club will be held at Handel Hall, 40 Randolph street, tomorrow (Friday) evening. It is hoped that there will be a full meeting, as business of importance will come up for consideration. The winter season is ahead of us and all should give the benefit of their presence and assist-

ance in formulating an attractive winter program. The annual election of officers will be held next month.

ST. LOUIS.

The Market.

The extreme heat of the past week has not been conducive to an improved quality of stock. Roses, especially, have suffered severely and more or less dissatisfaction is expressed in the different departments of the cut flower trade, and only an unusual amount of funeral work has kept the business from being called dull. The supply of stock is increasing daily and a large percentage is unsalable as most of it is soft and small; Kaiserin and Meteor are the only exception.

The hot weather has also affected the shipping trade somewhat. The market quotations are practically the same as last week, prices are unsettled, and a large portion of stock is sold at low figures.

Most of the growers have all their carnations housed and they report that all varieties are doing splendidly and have made good growth.

Tuberose stalks are very plentiful and sell slowly; same can be said of gladiolus and asters; good smilax is a little scarce and in fair demand.

Death of William C. Pape and Charles L. Weber.

William C. Pape, general superintendent of public parks, was shot and killed in front of his home, 3329 Pennsylvania avenue, Friday evening, September 8, by a political ward hummer known as Big Frey. "Billy" Pape, as he was called by his acquaintances, political, business and social, was widely known and highly esteemed, both as a successful florist and as a city official. He was in the prime of life, being only 45 years old, and the head of a large family. He leaves a wife and seven children, the oldest being 22 and the youngest 6.

The funeral occurred Sunday afternoon and was one of the largest ever held in South St. Louis. All the city officials from the mayor down and nearly all the florists in the city were present. Mr. Pape was a member of the St. Louis Florists' Club.

The interior of the house where the body lay in state was one mass of floral designs of all descriptions. At the grave the ceremonies of the different lodges were very impressive, especially the one of the Woodmen of the World. This consisted of lowering into the grave a box containing a live white dove, which was released and flew toward the sky as the first shovel of dirt was thrown upon the lid of the casket. This is symbolical of the releasing of the soul from the earthly prison.

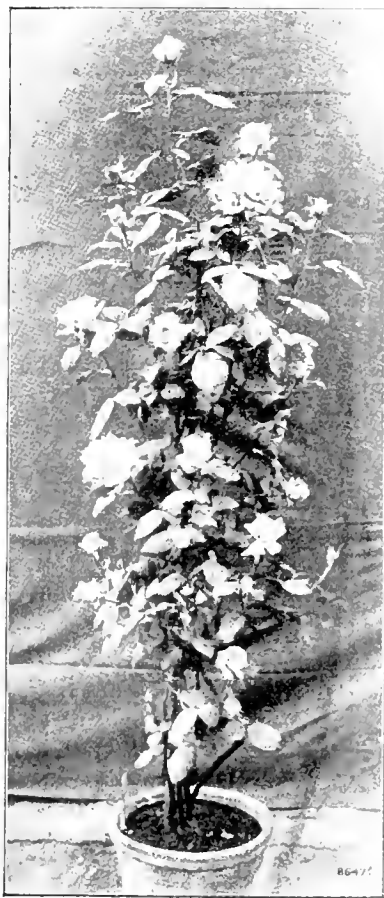
Mr. Pape was a devoted husband and loving father and was liberal and kind to his neighbors and friends. His death will be mourned by all St.

Louis and especially by the florists, for "Billy" was their best friend.

Charles L. Weber, brother-in-law of F. C. Weber, died suddenly of heart failure Saturday night. Mr. Weber was not a florist, but was acquainted with all the florists in St. Louis and attended nearly all the conventions of the S. A. F., going with us to spend his vacations. Mr. Weber was well liked by all who knew him and had a large circle of friends in the trade.

Bowling.

The members of the Junior Florists' Bowling Club feel very indignant



Pillar Rose.

over the report in the last issue of The Review that they expect a handicap in the coming series of games with the older club. They say they want no handicap and expect to beat the older club on even terms. They are practicing hard every Tuesday night and expect to be in good shape by October 1, at which time the older club will begin its regular rolling again. Some of the boys go down to the alleys every Monday night even on these hot nights, because they love the sport.

Park Commissioner Ridgely and Mayor Ziegenhein today (Tuesday) ap-

pointed Fred Pape superintendent of public parks, to succeed his father, who was killed last week. The appointment was dictated by sentiment as well as by the young man's fitness. Fred has the best wishes of all the craft.

Visitors in town are: J. W. Cunaga, Shelbyville, Ill., and Fred Schmittker, late of Columbia, Mo. Mr. Schmittker will locate in St. Louis if he finds a suitable place. J. J. B.

PILLAR ROSE.

The accompanying engraving, which we have reproduced from the Gardener's Magazine, is from a photograph of a plant of Victor Verdier, grown as a specimen pillar rose and shown by W. Paul & Son, at an English exhibition.

If some of our skillful growers will produce such plants as this in quantity we believe that during the present strong demand for fine pot plants they would be able to get an adequate price for them as well as advancing the interests of the Queen of Flowers.

CINCINNATI.

Society Meeting.

The regular meeting of the Cincinnati Florists' Society was held Thursday afternoon, September 7, at R. Witterstaetter's, Sedamsville. There was a good attendance, with the usual number of visitors present.

The committee appointed to raise subscriptions for carrying on the monthly exhibitions has done splendid work. Albert Sunderbranch alone raised \$82, with a few more to hear from; also a gold medal from our democratic nominee for governor, John R. McLean. The medal will probably be awarded for the best seedling carnation, and Witterstaetter is right in line for it with his new pink, the "Enquirer." It is looking very promising and will be a hard one to beat. All of Dick's stock is in good shape and his place never looked better at this time of the year.

Another committee reported \$19 raised from non-members of the society who hold stands in the flower market. From all sources we will have no trouble in raising the desired \$175.

The schedule for the ensuing year was discussed and will be revised before our next meeting. Some rigid rules will be adopted to govern the exhibitions for this season.

Henry Schwarz, who is raising the subscription for a portrait of the late R. J. Murphy, reported \$7 collected thus far.

Hereafter the society will meet at the club rooms in the flower market.

B.

MONTGOMERY, ALA.—W. B. Pater-son reports a bright prospect for excellent business the coming season.

BERLIN, ONT.

The fall fairs are now in full blast and by the time this is in print the two largest—Toronto and London—will be things of the past. I was fortunate enough to be able to examine carefully the horticultural shows in both these.

The Toronto show this year was certainly the best on record, both in plants and cut flowers, the groups of fifty stove and greenhouse plants being simply magnificent. In cut flowers the show of gladiolus was very large and of superb quality, and the judge had no snap in picking out the best. What is wanted very much is a new horticultural hall, and as the boys have been agitating for some improvement in that line for the past five years without success, the only way I can see out of the difficulty is to apply a match or a dynamite bomb. I am not an anarchist, but—well, a new horticultural hall is necessary.

The show of plants in London was very large, and good, too, but as none of the public institutions exhibit there, the extra large specimens are not seen. Mr. Wm. Gammage was kind enough to take me around to most of the florists' establishments, which I found to be thoroughly up to date, Mr. Gam-

mage's own establishment being the most extensive and best equipped.

And now comes the convention of the Canadian Horticultural Association, to be held during the second week of the Central Canada Fair at Ottawa (19th, 20th and 21st September), and I wish I could impress on the members of the trade in this country the necessity there is in these days for keeping up to date, and that personal contact with their fellow tradesmen, and seeing, hearing and examining their various methods of working and carrying on their business is the only way to keep up to date.

Let all Canadian florists who have any ambition to see our business increase and flourish in this country come to Ottawa and help (if only by their presence) the good work. The boys down at Ottawa have been good enough to provide lots of entertainment, which is always acceptable to all of us, but this association was organized for business, and it means business all the time. Some little sacrifice from every one of us will be necessary, no doubt, but there is enough in it to make the sacrifice worth the while. On to Ottawa!!!

E.

TRANSPORTATION TO OTTAWA.

The secretary has received the following information from the Dept. Passenger Agent of the Grand Trunk Railway:

"Rates account Central Exhibition, Ottawa, will apply from stations Toronto and east. Members west will have to pay regular round trip rates to Toronto.

"Rates from Toronto will be \$7.80. A special excursion will be run on September 18, rate \$5.35 from Toronto, good to return until September 25. Trains leave Toronto for Ottawa at 9 a. m., arriving in Ottawa 5 p. m.; and 9:30 p. m., arriving in Ottawa following day at 9:30 a. m."

PROPOSALS will be received till Sept. 21, for the erection of a greenhouse at the National Military Home, Grant County, Indiana. Details can be had from H. O. Hechert, Treas., at the above address.

NEW BRUNSWICK, N. J.—The contract has been awarded to Daniel Whitlock, of this city, for the erection of a large greenhouse to be used in connection with the New Jersey Experiment Station. It will be under the direction of Prof. Byron D. Halstead.

SEND IN YOUR ORDER NOW
for a copy of the....

Florists' Manual,

BY WILLIAM SCOTT,

A whole library for Commercial Florists in one volume.

PRICE, \$5.00.

YOU WILL SURELY WANT THIS GREAT REFERENCE BOOK, NOW
NEARLY COMPLETED.

WASHINGTON.

Flowers of all kinds are very plentiful and prices way down, but in spite of low prices an increase in funeral work brings up the receipts above the average over last year by 25 per cent. Maids and Brides are coming in fine and bring 4c, but Meteors and Beauties are short and scarce, with no demand excepting at summer resorts. Fine asters of the Simple strain are coming in and sell readily at \$1 per 100. Dahlias and all outdoor stock are plentiful and bring almost nothing, but the immense quantities received help swell the receipts.

Notes.

Field grown carnations this season around Washington are of average size only. The season has been an unusual one. From spring until now we have had plenty of rain, but heavy drenching ones which did little good. Roses of all kinds are looking fine, except here and there we find more or less mildew, due to the cool nights and sudden changes.

Returning from a trip from the south I stopped over at Lynchburg, Va. Stock of all kinds has suffered on account of the long drought.

Mrs. S. F. Fisher, of Lynchburg, Va., probably one of the oldest florists of the south, died on August 2. The funeral was well attended and the floral designs, furnished by Washington growers, were large and numerous. Mrs. Fisher was the largest lady in the florist's business in the country, weighing 400 pounds. She was also one of the largest dealers south of Washington. She had many friends in the trade and she will be sadly missed.

John Fallon, of Stanton, Va., has about completed his third house, 160x20. Mr. Fallon, by the way, likes to build good houses. He won't allow anything but the best of locust posts to be used, in fact, everything must be first class. He has also about completed his residence which was recently destroyed by fire; this is a modern structure, large and airy, a model florist's home. Of late Mr. Fallon has had many misfortunes, and now Mrs. Fallon and their oldest daughter, Miss Annie, are critically ill. The sympathy of the craft is with him.

W. F. Gude and W. R. Smith, after a six weeks' pleasant trip through Scotland, are again at home.

Visitors: B. Eschner, of M. Rice & Co., Philadelphia; I. Owen Harvey, of Lynchburg, Va., and Conrad Seitenbacher, of Berne, Switzerland.

F. H. KRAMER.

THE EASIEST WAY.

The easiest way to find what you want is to consult the Classified Plant Advs. in the Review.

The easiest way to find buyers is to place your offer in the Review's Classified Plant Advs.

5,000 Begonia Rex and 5,000 Primroses, EXTRA FINE.

POT PLANTS.

Forquay Violets, 2 1/2-inch.....	\$3.00 per 100	Primrose, Chinese, 2 1/2-in., Extra Fine strain.....	\$3.00 per 100
Double White Stock, 2-inch.....	3.00 "	Manettia bicolor, 3-in.....	6.00 "
Forget-Me-Not (Winter Flowering), 2 1/2-inch.....	4.00 "	GERANIUMS—2 1/2-in. Sweet Scented.....	
Begonia Rex, assorted, 2 1/2-inch.....	4.00 "	Mrs. Pollock, Pansy.....	4.00 "
" named.....	6.00 "	Mrs. Parker.....	6.00 "
Lemon Verbena, 2 1/2-inch.....	3.00 "	Happy Thought, 2 1/2-in.....	4.00 "
Impatiens Sultana, 2 1/2-inch.....	3.00 "	Silver King, 2 1/2-in.....	4.00 "

ROOTED CUTTINGS.

GERANIUMS—Assorted.....	\$1.50 per 100	GERANIUMS—Mme. Sallerol.....	\$1.25 per 100
Mixed.....	1.25 "	Freak of Nature.....	4.00 "
Mrs. Happy Thought.....	3.00 "	Begonia Rex.....	2.00 "
Mrs. Pollock.....	2.00 "	" Incarnata Gigantea.....	2.00 "
Mrs. Parker.....	4.00 "	" Flowering.....	2.00 "
Silver Leaf, Rose Scented, Ivy.....	1.50 "	Impatiens Sultana.....	2.00 "
		Manettia bicolor.....	2.00 "
		Forget-Me-Not (Winter Flowering).....	2.00 "

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.
Mention The Review when you write

Primroses and Pansy Plants.

	Per 100	Per 1000
14,000 Obconica, 2 1/2-inch.....	\$2.00	\$18.00
44,000 Primulas, Alba Rubra and Mixed, 2 1/2-inch.....	2.00	18.00
4,000 Primulas, Japonica Alba, 2 1/2-inch.....	2.00	18.00
4,000 New Yellow Baby Primrose, 2 1/2 inch.....	10.00	90.00
24,000 Pansy Plants, Giant Flowering (large).....		5.00
14,000 Petunias, Double, 22 varieties, Mixed, 2 1/2-inch.....	3.00	25.00
1,000 New Geraniums, De Roo Mitting.....	per doz.,	1.20
200 Asparagus Plumosus, 6-inch.....	"	3.00
1,000 Lycopodium Dent., 2 1/2-inch, per 100.....	2.00	
1,000 Pelargonium—The Queen, 2 1/2-inch, per 10.....		3.00
1,000 True Maidenhair Fern, 2 1/2-inch, per 100.....		5.00

THE MORRIS FLORAL CO.
MORRIS, ILL.
Mention the Review when you write.

E. G. Hill & Co.
Wholesale Florists,
RICHMOND, INDIANA.
Mention The Review when you write.

PANDANUS VEITCHII
6-inch pots \$12.00 a dozen.
7-inch pots, 18.00 a dozen.
8-inch pots, 24.00 a dozen.
Stock is in excellent condition.
JOHN WELSH YOUNG,
Upsal Station, Penna. R. R. GERMANTOWN, PA.
Mention The Review when you write.

Herr's Pansies.

Good plants are an item, a good strain is a necessity. I offer you mine as good plants and the best strain in the market, any of my customers will tell you so.

PLANTS ONLY.
Free by mail at 75c per 100; 250 for \$1.50; 500 for \$2.50. By express, \$1.00 per 1,000.
ALBERT M. HERR,
Lancaster, Pa.
Mention The Review when you write.

Zirngiebel Giant Pansy.
Seed is \$1.00 for trade pkt., or \$5.00 per oz.
Also plants of the above at the same rate as common varieties, \$5.00 per 1,000, securely packed to go any distance. Large transplanted plants, for winter bloom, at \$2.00 per 100.
DENYS ZIRNGIEBEL, NEEDHAM, MASS.
Mention The Review when you write.

PANSIES WORTH RAISING....
SEEDS—3-16 oz., \$1.00; 1 oz., \$1.00.
PLANTS—By express, 500 for \$2.50; 1,000 for \$4.00. Cash with order.
C. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.
Mention The Review when you write.

PANSIES. The Jennings' strain large flowering PLANTS now ready. All colors finest mixed. By mail, 6c per 100; by express, 14c per 100. SEED of above, \$1.00 per pkt., \$5.00 per oz.
Cash with order. E. B. JENNINGS,
Lock Box 254, Southport, Conn.
GROWER OF THE FINEST PANSIES.
Mention The Review when you write.

CARNATIONS...
FIELD GROWN, AT STOCK.
Scott, Flora Hill, Portia, McGowan, Ivory and Pierson; also a few Harrison's White, Rose Queen, Goldfinch and More'lo. Plants in two sizes: medium \$3.00 per 100; large \$5.00 per 100.
CRABB & HUNTER, - Grand Rapids, Mich.
Mention The Review when you write.

Field Grown Carnations..

September delivery and later.

We have a very large stock, including

G. H. CRANE, MACEO, GLACIER, and MRS. JAS. DEAN, in good, healthy condition.

Send for Price List.

F. DORNER & SONS CO.,
La Fayette, Ind.

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CARNATIONS....

FIELD GROWN PLANTS.
Medium to large.

Per 100		Per 100	
Melba.....	\$12.00	Storm King.....	\$5.00
Jubilee.....	6.00	Wellesley.....	5.00
Albertini.....	6.00	Mrs. F. Joost.....	6.00
Pingree.....	6.00	Fire Fly.....	5.00
Mrs. Duhme.....	6.00	Argyle.....	5.00
McBurney.....	6.10	Evelina.....	7.00
Triumph.....	7.00	Empress.....	7.00
Hector.....	8.00	Mrs. Jas. Dean.....	6.00
Armazindy.....	6.00	John Young.....	6.00
Portia.....	5.00	Uncle John.....	6.00

H. WEBER & SONS, OAKLAND, MD.

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THRIFTY FIELD CARNATIONS WITH PLENTY OF ROOTS.

Send for prices.

All the NEW and LEADING varieties.

GEO. HANCOCK & SON,
GRAND HAVEN, Mich.

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FIELD GROWN CARNATIONS.

BEST NEW AND STANDARD VARIETIES.
Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

30,000 FIELD GROWN CARNATIONS.

Scarlet Wave, Daybreak Scott, Tidal Wave, Alaska and Sebec. Extra fine plants, \$5.00 per 100, \$45.00 per 1,000. Cash with order.

Also a large assortment of PALMS, RUBBERS, CYCAS and BAY TREES. Prices on application.

H. C. STEINHOFF,

578 Hudson Boulevard, West Hoboken, N. J.

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CARNATIONS

Still have a few hundred Daybreaks and Scotts at \$3.50 per 100. Cash with order, please.

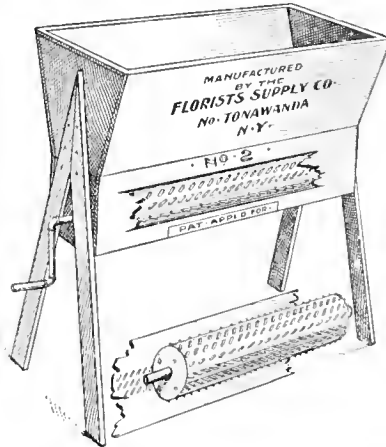
MRS. E. KUNTZ,

352 South First St., FRANKFORT, IND.

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Always mention the Florists' Review when writing advertisers.

RUN YOUR CARNATION SOIL



THROUGH ONE OF OUR MACHINES, IT WILL PAY YOU.....

It can be regulated so as to make the soil fine or coarse, as you wish. Stone and gravel have no effect on it, it is made very strong.

We guarantee it will do the work far better and quicker than it can ever be done by hand.

The Cylinder is framed with Iron Plates to prevent its wearing out.

Price for No. 1, \$5 00; price for No. 2, \$10.00

SHARON, PA., Sept 7th 1899.

THE FLORISTS' SUPPLY CO., North Tonawanda, N. Y.

Dear Sirs: - I have been informed by my foreman that your soil or ground pulverizer works all right and is the best labor-saving device to date, not only for sod or ground but for rotted manure for mulching or mixing with soil. Indeed, no florist can afford to be without such a machine.

Yours very truly, M. I. O'BRIEN.

THE FLORISTS' SUPPLY CO.,
Box 56, North Tonawanda, N. Y.

4 Acres Field-Grown Carnation Plants, 100,000

Our Carnations this year are very fine. They have been grown with the greatest care, free from disease, and packed by our improved system of packing by which we can send to all parts of the United States in perfect condition.

WHITE CLOUD		\$2.00 per dozen \$10.00 per hundred.	
MAYOR PINGREE	LILY DEAN	MORELLO	BUTTERCUP
C. A. DANA	ARMAZINDY	STORM KING	FLORA HILL
CRIMSON SPORT	DAYBREAK	JUBILEE	METEOR
CAP. KING	HELEN KELLER	TRIUMPH	ELDORADO
McGOWAN	L. L. LAMBORN	SWEET BRIER	IVORY
BRIDESMAID	PORTIA	ALBERTINI	WM. SCOTT
	MRS. FISHER	TIDAL WAVE	

PANSY PLANTS. Grown from extra choice seed of our own production and not surpassed in variety, size, beauty of coloring and freedom of flower by any others grown. 50 cents per hundred, \$4.00 per thousand.

Mention The Review when you write.

J. L. DILLON, BLOOMSBURG, PA.

.....115,000 FIELD-GROWN.....

CARNATION PLANTS.

Our plants are very large and stocky, perfectly healthy, free from dry leaves, etc.

Per 100		1000		Per 100		1000	
WM. SCOTT, -	\$4.00	\$35	JOHN YOUNG, -	\$4.00	\$35		
McGOWAN, -	4.00	35	DAYBREAK, -	5.00	45		
PORTIA, -	4.00	35	ANNA WEBB, -	5.00	45		
ELDORADO, -	4.00	35	FLORA HILL, -	5.00	45		
FISHER, -	4.00	35	NEW YORK, -	5.00	45		

Our prices are very low and are for CASH only.

EDW. J. TAYLOR, Southport, Conn.

Mention The Review when you write.

DRACÆNA INDIVISA.

100 4-inch plants, cheap.

SMILAX, strong plants, 2½-in., per 100, \$2.00

CARNATION PLANTS.

Per 100		Per 100	
Genesee.....	\$8.00	Tidal Wave.....	\$3.00
Flora Hill.....	6.00	Portia.....	3.00
Daybreak.....	4.00	Silver Spray.....	3.00

GEORGE SOUSTER, ELGIN, ILL.

FINE FIELD GROWN CARNATION PLANTS.....

CHEAP FOR CASH.

2000 Bride of Earlscourt, extra fine.
1000 Bridesmaid, "
1000 Wm. Scott, "
\$5.00 per 100; \$40.00 per 500; \$35.00 per 1000.
1000 Helen Keller, good plants.
2000 Lizzie McGowan, "
1000 Wm. Scott, "
\$3.00 per 100; \$13.75 per 500; \$25.00 per 1000.

CHAS. AKEHURST & SON, White Marsh, Md.

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Always mention the Florists' Review when writing advertisers.

GRAND RAPIDS, MICH.

The drouth and extreme heat are broken at last, copious rains having fallen, and the weather has turned cooler, so much so, in fact, that steam heat is already applied to the rose houses to keep down mildew.

Business still continues dull, with a glut on asters and carnations from the field. Roses that were planted early are beginning to bloom. Roses sell at 75 cents to \$1 per dozen; carnations 15 to 25 cents; asters, the same. There is plenty of greens, and fine, too. Most of the building operations are drawing to a close, although Chadwick, Creelman and the Floral Company each have one more house to put up. Frost is expected in the near future and there is a hurry up to finish planting before being nipped.

E. E. Pieser, of the firm of Kennicott Bros. Co., Chicago, has been in town for a week, visiting the various establishments and sizing up the prospects of the winter's crops.

Mr. Evans, of the Quaker City Machine Works, was also a recent visitor. Most of the new houses being erected will be equipped with the Challenge ventilating apparatus.

GEO. F. CRABB.

QUICK HOSE COUPLING.

Some kind of a quick acting hose coupling is a labor saver for the florist, and a hose saver too. Hence the accompanying engraving of a new coupling known as the "Quick as Wink" and manufactured by the W. J. Clark Co., Salem, O., will be of some little interest.



Connection is made by simply pushing the parts together and they can be disconnected as quickly by pressure on the levers on the grip part. This coupling has been in use by firemen for several years and has now been adapted to smaller sizes of hose.

Time is money and florists are interested in anything that will save time. Among the testimonials printed by the manufacturers we note one from Peter Crowe, the florist, Utica. He says this coupling has considerably reduced his bills for hose. He has faucets placed at frequent intervals in his houses and does his watering with a 25 foot length of hose, the quick acting coupling enabling him to transfer the hose to a new faucet with the greatest ease.

ST. PAUL, MINN.—Wm. Scott, formerly with L. L. May & Co., has returned from Alaska.

THE REVIEW'S Classified ads. enable you to find with the least possible effort whatever stock you may need.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale
Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention the Review when you write.

WIETOR BROS.

Wholesale
Growers of Cut Flowers.All telegraph and telephone orders
given prompt attention

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of
and Dealers in CUT FLOWERS

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

W. E. LYNCH
Wholesale Florist,

19-21 E. Randolph St. CHICAGO.

Mention The Review when you write.

A. L. RANDALL
Telephone 1496 Wholesale Florist

4 Washington St., Chicago.

In our new and enlarged quarters we are better
prepared than ever to handle your orders.

Mention the Review when you write.

WHOLESALE DEALER IN
GROWER OF ROSES. CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists, Consignments
Solicited.

41 Randolph St., CHICAGO.

Mention The Review when you write.

Begonias.

ASSORTED VARIETIES.
FROM TWO-INCH POTS.

\$2.00 per hundred.

EXTRA STRONG
CASH PLEASE.Grevillea Robusta, 2-inch pots
strong, per 100 \$2.50EDWARD B. JACKSON
STAMFORD, CONN.

Mention The Review when you write.

CABBAGE PLANTS....

Field grown, 15c per 100, \$1.00 per 1000.
if by mail, add 10c per 100.

Write for prices on large lots for fall planting.

Parsley. Strong plants, 35c per 100. \$2.50 per
1000; if by mail, add 20c per 100.
Other Vegetable plants in season. Cash with order.

R. VINCENT, JR. & SON,

White Marsh, Md.

Mention the Review when you write.

C. A. KUEHN WHOLESALE
FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Flora-
Designs. A full line of supplies always on
hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

H. Berning
G. BerningWHOLESALE
FLORIST,1322 Pine Street,
ST. LOUIS, MO.

Mention the Review when you write.

ELLISON & TESSON,

WHOLESALE SHIPPING

FLORISTS

3134 Olive Street, ST. LOUIS, MO.

...Home Grown Stock...

Mention the Review when you write.

Maplewood Cut Flower and
Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We
have the largest plant west of Chicago.Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

Cincinnati
Cut Flower Co.W. A. MANN.
FRANK W. BALL.416 Walnut St. Wholesale Florists
CINCINNATI, O.Consignments Solicited.
Special Attention Given to Shipping Orders.

Mention The Review when you write.

KENNICOTT BROS. CO.

**Wholesale Cut Flowers
and Florists' Supplies.**

42 and 44
Randolph St., **CHICAGO.**

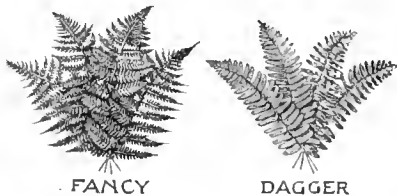
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51 Wabash Ave., Chicago.

W. S. HEFFRON, Mgr.

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FANCY

DAGGER

HARDY CUT FERNS

In 1000 lots, 75c per M. Discount on larger orders. Also dealer in Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.

L. B. BRAGUE, - Hinsdale, Mass.

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12,000 Rose Plants

occupy our propagating houses and **MUST BE MOVED AT ONCE** to make room for 50,000 Verbena and Petunia Cuttings.

In order to move this stock quick we will fill orders at half value for thirty days. Every plant guaranteed as fine as you ever saw; out of 3 1/2 and 4-inch pots. Meteors, Brides, Perles, Maids at \$4.00 per 100, cheap at \$5.00. Same varieties, strong, 2 1/2-inch, \$3.00 per 100; \$25.00 per 1000.

20,000 Field Carnations, standard sorts, \$3.50 per 100. Fine plants.

Smilax, extra strong, ready to string, \$1.00 per 100. Fine strings, 8 feet long, 15c. Cash with order.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

S PULVERIZED SHEEP MANURE.

Something new in this line, as it's full strength. Can use it with hose. 75-lb. sack, \$1.00; per ton, \$14.00. Write for samples.

A. MITTING, - MORRIS, ILL.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES:

We have the
LARGEST WHOLESALE
House in Chicago.

Orchids, High-Grade Roses,
Carnations and Violets.

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

WESTERN HEADQUARTERS FOR..... FLORISTS' SUPPLIES, PALMS, FERNS, WIRE WORK, CUT FLOWERS, ETC.

Use MASTICA for Building and Repairing your Greenhouses.

Write for samples and prices of our

Improved Folding Cut Flower Box.

ELLIS & POLLWORTH, - MILWAUKEE, WIS.

Mention The Review when you write.

FIRST QUALITY FORCING ROSES == PERFECTLY HEALTHY and grown especially for late planting.

Only selected growth from flowering shoots used in propagating.

SUNSETS.	SAFRANO.	PRESIDENT CARNOT.	KAISERIN.	METEOR.
MAIDS.	WOOTTONS.	PERLES.	MME. HOSTE.	

3-inch pots, \$5.00 per 100; 4-inch pots, \$8.00 per 100.

Mention The Review when you write.

J. L. DILLON, BLOOMSBURG, PA.

PRIMULAS for Sale.

1000 strong 2-inch Primulas per 100, \$2.00
500 " 3 and 4-in. " per 100, \$6.00 and \$5.00

Select strain; stocky, clean plants.

JAMES C. MURRAY,

401 Main Street, - - - PEORIA, ILL.

Mention The Review when you write.

SEND IN YOUR ORDER NOW

for a copy of the FLORISTS' MANUAL.

We are now cutting
**NEW BRIDES, MAIDS
AND BEAUTIES,**

also FINE LOT OF ASTERS.

Still a few Brides, Woottons and Beauties also Smilax. Write

GEO. A. KUHL, - - Pekin, Ill.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

ERIE, PA.

S. A. Baur & Co. have leased the greenhouses of Henry A. Niemeyer for a term of years and will continue the business.

The plant contains twenty-two greenhouses, each 20x100, and there are twelve acres of land, giving opportunity for quite an extensive business.

Mr. Baur is a very successful grower, thoroughly grounded in all branches of the profession, and will undoubtedly take the fullest advantage of the opportunities afforded by the fine range of glass he now controls.

CLEVELAND.

Mr. O. A. C. Oehmler, for several years with Mr. J. M. Gasser, has gone to Washington, D. C., having accepted a position with Mr. J. Louis Loose, of that city.

Mr. S. N. Pentecost has succeeded to the business of S. N. and W. J. Pentecost, having purchased the interest of W. J. Pentecost. He will continue the business as heretofore under the title S. N. Pentecost.

SPOKANE, WASH.

Miss Rose Wright has added to the Lidgerwood Greenhouses a carnation house 16x50, a rose house 22x50 and a violet house 12x50.

The season has been very backward. Business is good. Summer flowers have been in better demand than in previous years.

Miss Lena McCoy was in town and spent a week among the florists.

H. E. R.

CHINESE SACRED LILIES.

Mr. F. W. O. Schmitz, Jersey City, N. J., has received an unusually large shipment of "Chinese sacred lily" bulbs, via Tacoma. Also a consignment of skins of wild animals, such as tigers, etc.

PROVIDENCE, R. I.—The annual chrysanthemum show of the Rhode Island Hort. Society will be held Nov. 9th and 10th at "The Savoy," 126 Mathewson St. Copies of the premium list may be had on application to Secretary C. W. Smith, 61 Westminster St., this city.

WE HAVE RECEIVED from the Chicago House Wrecking Co. a copy of their new catalogue No. 97. It certainly is remarkable what a varied stock of material of all kinds this firm catalogues. Their special prices on pipe and fittings will no doubt be of special interest to florists just now. We note they also offer steel and iron roofing and siding. One of the best known florists in the country uses this steel siding on his greenhouses and says it is much superior to wooden siding in many ways. The catalogue is of decided interest to every florist.

REINBERG BROS.

810,000 FEET OF GLASS.

No charge for packing.

Wholesale Growers of

Wholesale Price List.

Cut Flowers

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine

AMERICAN BEAUTIES.

51 Wabash Ave., CHICAGO

We now close at 6:30 p. m. Sundays and Holidays at noon.

Mention The Review when you write.

AMERICAN BEAUTY

24-inch stem.....	per doz.	\$2.00
20 " " " " " "	"	1.50
15 " " " " " "	"	1.25
12 " " " " " "	"	1.00
8 " " " " " "	"	.75

METEOR.....per 100, 3.00 to 4.00

BRIDESMAID....." 3.00 to 4.00

BRIDE....." 3.00 to 4.00

PERLE....." 2.00 to 3.00

CARNATIONS....." .75 to 1.00

Quotations subject to change without notice. All other stock at lowest market prices.

\$-1899- SAVE MONEY AND SPEAK QUICKLY -1899-\$

This offer only holds good as long as stock is unsold.

NARCISSUS, Paper White Grandiflora, extra fine.....	\$ 6.75 per 100
ROMAN HYACINTHS, fine stock.....	14.00 "
LILIUM HARRISII, 5-7, all repacked.....	40.00 "

Terms net cash with order.

F. W. O. SCHMITZ, Importer, - - JERSEY CITY, N. J.

Mention The Review when you write.

Burpee's Seeds Grow

SMITH & SMITH,

Box 869, 337 Sixth Ave. Pittsburg, Pa.

BROKERS IN

Greenhouse Real Estate, and Pipe, Glass, Fittings, and other Greenhouse construction material.

We have an exceedingly good bargain--- Suburban Greenhouses and City Store-room. Write for particulars and price. Mention The Review when you write.

Roses, Carnations and Violets.

Bridesmaids 3-in. stock.....	\$5.00 per 100
Meteors, 2 1/2-in. pots.....	4.00 "
Kai-erin, 4-in pots.....	8.00 "
Violets in 2 1/2-in pots.....	3.00 "
Field Grown Carnations, ready after Sept. 1st, all the leading varieties, \$1.00 a 100, \$10.00 a 1,000.	
Field Grown Violets, 5.00.....	40.00 "

WM F. KASTING, 481 Washington St., Buffalo, N. Y. Mention The Review when you write.

Mention The Florists' Review when writing advertisers.

Fine Strong Plants FOR STOCK

Geranium Mme. Jaulin, 3-in., \$5.00 per 100. The Peach Pink Bruant.

Mme. de la Roux, all sold.

Abutilon Savitzii, 3-in., \$5.00 per 100. A grand bedding plant, grows dwarf and bushy—capital plant to use with Crotons.

Russelias Multiflora and Elegantissima, 2 1/2-in., \$2.50 per doz. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grows as easily as the old German Ivy.

Browalia Gigantea, all sold.

Acalypha Sanderii, all sold.

READY NOW.

THE COTTAGE GARDENS, Queens, N. Y.

Mention The Review when you write.

SEND IN YOUR ORDER NOW for a copy of the

FLORISTS' MANUAL.

Always Mention the....

Florists' Review

When Writing Advertisers.

SAMUEL S. PENNOCK, Wholesale Florist

{ During the summer months, commencing July 3rd, will be open {
from 7:30 a. m. to 6 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention the Review when you write

PITTSBURG CUT FLOWER CO., Ltd.
WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 705 Penn Avenue, PITTSBURG, PA.
FLORISTS' SUPPLIES. Write for Price List.
Mention The Review when you write

CHINESE PRIMROSES.

EXTRA STRONG. Ready for 3-inch pots. Well known throughout the United States and Canada as the finest large flowering fringed varieties grown.
SPECIAL PRICES. SINGLE AND DOUBLE, in choicest assortment of named colors. \$2.00 per 100, \$17.00 per 1000; 25% at 1000 rate. Extras added liberally to help pay expressage. Strictly cash prices.
THE HOME OF PRIMROSES. JOHN F. RUPP, Shiremanstown, Pa.
Mention the Review when you write

COLD STORAGE Lily of the Valley, Fall 1899.

NOW IS THE TIME TO ENGAGE FIRST CLASS PIPS IN FINE CONDITION!
Cases are supplied with from 1000 to 1200 pips at \$14.00 per 1000.
Write for special prices for large quantities.
F. W. O. SCHMITZ, IMPORTER AND EXPORTER, JERSEY CITY, N. J.
Mention The Review when you write.

SOUTHERN WILD SMILAX,
\$2.00 per case. Covers 600 square feet of wall space. Discounts to the wholesale trade. Caldwell's has always been up to the top notch in quantity and quality the standard of excellence in every respect. I will keep it so. Terms cash with order, C. O. D. or prompt check on receipt of goods. No time; no discount. Speed a specialty. Open day and night.
Caldwell the Woodsman, Evergreen, Alabama.
Mention the Review when you write

Headquarters for.... **Ericas.** Buy your Ericas in September and October and bring them in bloom yourself. Save duty and ocean freight, etc. Run no risk of getting them dead from Europe. We have 2,000 growing. Come and see them. Palms and Decorative plants in quantity. New Price List will be ready Sept. 15th.
ANTON SCHULTHEIS,
P. O. Box 78, College Point, NEW YORK CITY.
Mention The Review when you write.

1840 Old Colony Nurseries, 1899
HARDY SHRUBS, TREES, VINES, EVERGREENS and PERENNIALS.
A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap.
Trade list free on application.
T. R. WATSON, Plymouth, Mass.
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S MILAX. 3-inch, EXTRA STRONG PLANTS.
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Palms, Orchids, Roses, Ferns AND FOLIAGE PLANTS.
Largest stock in America.
SIEBRECHT & SON,
New Rochelle, N. Y.
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Nephrolepis Washingtoniensis
A magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house.
3 good plants from 2-in. pots, mailed for \$ 1.00
100 " " " 3 " " expressed " 40.00
100 " " " 4 " " extra fine, " 60.00
JOHN H. LEY, GOOD HOPE, D. C.
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Just arrived in fine condition a fresh shipment of Cattleya Lablata and C. Spectabilisima, also a limited quantity of C. basketiana.
CHERRY WOOD BASKETS, FRESH MOSS AND PEAT.
Lager & Hurrell, Growers and Importers... Summit, N. J.
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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii. A grand bedding plant. Grows dwarf and bushy. Capital plant to use with crotons. 3-inch, \$5.00 per 100.
The Cottage Gardens, Queens, N. Y.

AGERATUM.

Blue or white, 2½-inch, \$2.00 per 100.
Geo. H. Dodge, Billerica, Mass.

APPLE ROOT GRAFTS.

1½" M. \$1.00, 5 to 16 M. at \$3.75, over 16 M. \$5.50 per M.
H. E. Rowley, Lacon, Ill.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengerii, 2-inch, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$4.00 per 100.
Geo. Wittbold, 1708 N. Halsted St., Chicago.

Asparagus Plumosus Nanus, 3-inch pot plants at \$6.00 per 100.
Albert M. Herr, Lancaster, Pa.

Asparagus Plumosus, 3-inch, \$6.00. Asparagus Sprengerii, 2-inch, \$5.00 per 100.
Geo. M. Emmans, Newton, N. J.

Asparagus Sprengerii, 2½-in., \$6.00 per 100. Asparagus Tenuissimus, 2½-in., \$4.00 per 100.
N. Smith & Son, Adrian, Mich.

Plumosus, strong, 2-in., \$1.50 per 100; \$40.00 per 1000. Sprengerii, 3-in., \$7.00 per 100.
C. Merkel & Son, Mentor, O.

XX Sprengerii, 6-in., \$2.00 a doz.; 3-in., \$5.00 a 100; 2-in., \$4.00 a 100. Cash with order.
Roney Bros., West Grove, Pa.

600 Asparagus Plumosus, strong, 3-in., \$8.00 per 100.
H. Steinmetz, Raleigh, N. C.

A. Sprengerii, 2½-inch, \$4.00 per 100.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

200 A. plumosus, 6-inch, \$3.00 per doz.
Morris Floral Co., Morris, Ill.

AZALEAS.

We offer all the leading varieties:
First size, 10 to 12 in. diam., \$40 per 100.
Select, 12 to 14 in. diam., \$50 per 100.
Extra size, 14 to 16 in. diam., \$60 per 100.
Specimen plants from \$1.00 each up.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

The Indian Azalea Nurseries (established 1842) is the best place in Europe to send your orders for Azalea Indica. Of 85,750 plants sold in 1898, 36,200 went to florists in the United States and Canada. Order early. Eug. Vervaeet de Vos, Swynaerde, Ghent, Belgium.

Azalea Indica, 4-inch pots, stems 6 to 12-inch, bushy, \$15.00 per 100. Jos. R. Freeman, 612 13th St., Washington, D. C.

Writes for prices on Azaleas.
H. H. Berger & Co., 47 Barclay St., N. Y.

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5000 Begonia Rex. Assorted, 2½-inch, \$4.00 per 100; Named, \$6.00 per 100. Rooted cuttings: Rex, \$2.00 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

2000 Begonia Rex in the best varieties, from 3-inch pots, \$6.00 per 100, 2-inch, \$4.00.
C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Gloire de Lorraine. Good chance to get this rare novelty, \$2.00 doz., 2-inch pot plants. Cash with order. Roney Bros., West Grove, Pa.

Assorted varieties from 2-in. pots, \$2.00 per 100. Extra strong. Cash please.
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Flowering Begonias, assorted, and Peperomia, 2½-inch, \$1.50 per 100. Cash.
Eyer Bros., Chambersburg, Pa.

Begonia Rex, per 100, 5-in. pans, \$10.00; 3-in. pots, \$5.00. N. Smith & Son, Adrian, Mich.

Begonia Rex, full assortment. Mixed, 3-inch, \$4.00 per 100. Geo. M. Emmans, Newton, N. J.

Gloire de Lorraine, 2-in., \$2.50; 3-in., \$3.50 per doz.
C. Merkel & Son, Mentor, O.

Flowering begonias, mixed, 3-in., \$4 per 100.
Geo. H. Dodge, Billerica, Mass.

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Solanum Capsicastrum from 5-inch pots, \$18.00 per 100. C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Solanums, field grown, strong plants, well set with berries, \$12.00 per 100.
M. P. La Roche, Agt., Collingdale, Pa.

BOUGAINVILLEAS.

Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$8.00 per 100.
P. J. Berkmans Company, Augusta, Ga.

BROWALLIA.

Browallia gigantea, 2½-inch, \$3.00 per 100.
Carl J. Dane, 14 Lincoln St., Winchester, Mass.

Browallia gigantea, good, 2¼-inch, \$2.50 per 100.
J. W. Myer, Greenfield, Ind.

Browallia, 2-in., \$2.50 per 100. Best varieties.
Henry Smith, Grand Rapids, Mich.

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Lilium Harrisii, 5 to 7 inches around, box of 400 bulbs, \$16.00; 3 boxes (1200 bulbs), \$45.00; per 100, \$4.25. Bulbs 6 to 7 inches around, box of 400 bulbs, \$22.00; larger bulbs, more flowers. Bermuda Lilium longiflorum, guaranteed stock, 5 to 7 inches around, box of 400 bulbs, \$18.00; 3 boxes (1200 bulbs), \$50.00. A few thousand 9 to 11-in. Harrisii and longiflorum at \$18.00 per 100; 11 to 13-in., monster bulbs, \$40.00 per 100. Lucas & Boldington Co., 342 West 14th St., New York City.

Freesia Bulbs, for immediate delivery. Select mammoth bulbs, \$6.00 per 1000; First size, \$5.00 per 1000; second size, \$4.00 per 1000. California grown.

Calla Bulbs, select California grown. First size, 1½ to 1½ in. diam., \$5.00 per 100; Select, 1½ to 2 in. diam., \$7.00 per 100; Extra select, 2 to 3 in. diam., \$9.00 per 100. Order now.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Narcissus Paper White grandiflora, extra fine, \$6.75 per 1000. Roman Hyacinths, fine stock, \$14.00 per 1000. Lilium Harrisii, 5-7, all repacked, \$40.00 per 1000. This offer holds good only so long as stock is unsold. Terms, net cash with order. F. W. O. Schmitz, Importer, Jersey City, N. J.

Cold storage Lily of the Valley pips. Now is the time to engage them. Cases are supplied with from 1000 to 1200 pips at \$14.00 per 1000. Write for special prices in large quantities. F. W. O. Schmitz, Jersey City, N. J.

Freesia alba, ¾-inch diameter and up, \$3.00 per 1000; ½-inch and up, \$5.00 per 1000. small bulbs. I guarantee all to bloom, as I have tried them. C. Armann, 7th Ave. & 120th St., New York City.

Dutch Bulbs and Lily of the Valley pips for forcing and outdoor planting. Trade list now ready. J. M. Thorburn & Co., 36 Canal St., New York City.

Ard Righ, best and earliest Daffodil, for forcing. Write for price to Mrs. I. W. Kersey, Haywards, California.

Freesia bulbs. Per 1000: ¼-inch, \$3.50; ¾-inch, \$2.50; 1-3-inch and under, \$1.50.
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Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Pearl Tuberosa Bulbs and Caladium Esculentum. Jas. M. Lamb, Fayetteville, N. C.

Write for prices on all forcing bulbs.
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Highest grade Gladiolus Bulbs and Seed.
Frank Banning, Kinsman, O.

CALADIUMS.

Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100.
P. J. Berkmans Company, Augusta, Ga.

CANNAS.

Canna bulbs, ready this fall, \$7.00 per 1,000. Cash.
M. T. Thompson, Rio Vista, Va.

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Quick, boys! a bargain. Only a few thousand of each variety to spare. They are strong, full of roots and field grown. Happy Day, a cerise pink, just the color, sells on sight; plant robust, free and continuous bloomer. Saginaw, same as above in habit, flower beautifully variegated pink on white ground. These varieties originated with us 5 years ago and have been growing them very extensively. We are planting 4 houses of these varieties now; they are the most profitable we have ever grown. The field must be vacated at once and in order to do so we will sell them at \$4.00 per 100; just one-half price.
Summit Gardens, Manchester, Pa.

Our carnations are fine, grown with the greatest care; free from disease. Packed by our improved system they can be shipped to all parts of the U. S. in perfect condition. White Cloud, \$2.00 per doz.; \$10.00 per 100. Mayor Pingree, Lily Dean, Morelo and Buttercup, \$1.50 per doz.; \$8.00 per 100. C. A. Dana, Crimson Sport, Cap. King, Armazindy, Daybreak, Helen Keller, Storm King, Jubilee Triumph, Flora Hill, Meteor and Eldorado, \$1.25 per doz.; \$6.00 per 100. McGowan, Bridesmaids, Fisher, Lamborn, Pertia, Tidal Wave, Sweetbrier, Albertini, Ivory and W. Scott, \$1.00 per doz.; \$5.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

If you are going to be short on carnations this fall and want good stock, I have over 25,000 to select from. Flora Hill, Victor and Empress, \$5.00 and \$6.00 per 100. Bon Ton, \$7.00 and \$5.00 per 100. Lizzie McGowan, \$4.00 per 100. Sankusky, Gold Nugget and Evanston, \$10.00 per 100. Other 1839 novelties, Melba, America, Gen. Maceo, Gen. Gomez, G. H. Crane and Gov. Griggs, \$2.00 per dozen; \$15.00 per 100. Cash with order. W. E. Hall, Clyde, Ohio.

Field grown plants, in fine condition. Place your orders early while stock is complete.

Flora Hill, Evelina, Nivea, Armazindy, McBurney, Argyle, Jubilee and Morelo, \$5.00 per 100; \$40.00 per 1000.

Alaska, Mayor Pingree and Tidal Wave, \$3.00 per 100; \$25.00 per 1000. Daybreak, \$4.00 per 100; \$30.00 per 1000.

Evanston, \$10.00 per 100; \$80.00 per 1000.
Reinberg Bros., 51 Wabash Ave., Chicago.

A few thousand Victor and Daybreak, from field, fine, strong plants, \$6.00 per 100; \$55.00 per 1000. Cash with order. Halliday Bros., 11 E. Baltimore St., Baltimore, Md.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

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Tidal Wave, Mayor Pingree, Evelina, McGowan, Alaska, Bon Ton, Scott, \$3.50 per 100; \$30.00 per 1,000. Wietor Bros., 51 Wabash Ave., Chicago.

We have left 20 Nancy Hanks, 110 Flora Hill, 10 Armazindy, 10 Bride of Earlscourt, 40 John Young, 50 Psyche, 10 Alaska, No. 1, at 6c each, 150 McGowan, 65 Hinz's White, No. 1, at 4c, 10 Alaska, 25 Flora Hill, 5 Bride of Earlscourt, 20 John Young, 10 Psyche, No. 2, at 4c, 200 McGowan, 35 Hinz's White, No. 2, at 3c. Cash with order. G. W. Weatherly, Chillicothe, Mo.

40,000 field grown carnations, Scott, McGowan and Portia, \$5.00 per 100. Also fine stock of Flora Hill, Bon Ton, John Young, Pinkus, Armazindy and Pingree. Send for special prices of what sorts and how many you can use, also samples. Personal inspection of my stock is invited. A. J. Tharp, Bedford Station, N. Y.

Field grown plants, medium to large, per 100, Melba, \$12.00; Jubilee, Albertini, Pingree, Mrs. Duhme, McBurney, Armazindy, Mrs. F. Joost, Mrs. J. Dean, John Young and Uncle John, \$6.00; Triumph, Evelina and Empress, \$7.00; Hector, \$8.00; Portia, Storm King, Wellesley, Floe Fly and Argyle, \$5.00. H. Weber & Sons, Oakland, Md.

Fine field grown plants, cheap for cash. 2,000 Bride of Earlscourt, 1,000 Bride-maid, 1,000 Scott, extra fine, \$5.00 per 100; \$20.00 per 500; \$35.00 per 1,000. 1,000 Helen Keller, 2,000 Lizzie McGowan, 1,000 Scott, good plants, \$3.00 per 100; \$13.75 per 500; \$25.00 per 1,000. Chas. Akehurst & Son, White Marsh, Md.

Strong, stocky, field grown, plenty of fine roots, all No. 1. 3,000 Flora Hill, \$5.00 per 100; \$40.00 per 1,000. 300 Painted Lady, \$6.00 per 100; 1,000 Scott, \$4.00 per 100. 250 Seneca Chief (our best red, blooms the year round), \$5.00 per 100. Cash with order. Beach & Chessman, Richmond, Ind.

Extra fine field grown plants, ready in the following varieties: Flora Hill, \$6.00 per 100; \$50.00 per 1,000. Daybreak and Triumph, \$5.00 per 100; \$40.00 per 1,000. Genesee, Scott and Meteor, \$4.00 per 100; \$35.00 per 1,000. McGowan, \$3.00 per 100; \$25.00 per 1,000. Cash with order. W. A. Wettlin, Hornellsville, N. Y.

115,000 field grown plants, large, stocky, perfectly healthy. Wm. Scott, McGowan, Portia, Eldorado, Fisher, John Young, \$4.00 per 100; \$35.00 per 1,000. Daybreak, Anna Webb, Flora Hill, New York, \$5.00 per 100; \$45.00 per 1,000. Our prices are very low and are for cash only. Edw. J. Taylor, Southport, Conn.

I have a few hundred clean, healthy, field grown plants, medium size. 250 Flora Hill, 2c; 50 Pingree, 11c Scarlet King, 11c Emma Woehner, 13c Ivory at 2 1/2c; or the 685 plants for \$15.00 cash, and if not satisfactory can be returned. N. Greivelding, Merrill, Wis.

Field grown, Al stock. Scott, Flora Hill, Portia, McGowan, Ivory and Pierson; also a few Harrison's White, Rose Queen, Goldfinch and Morello. Plants in two sizes, medium, \$3.00; large, \$5.00 per 100. Crab & Hunter, Grand Rapids, Mich.

Choice field grown plants. Daybreak, Scott, Edith Foster, Jahn's Scarlet, Flora Hill, Nivea and Eldorado, \$6.00 per 100. John Young, New York and Bon Ton, \$5.00 per 100. Cash with order and satisfaction guaranteed. Geo. E. Buxton, Nashua, N. H.

Field grown, very strong plants, ready now at bottom prices. Jubilee, Daybreak and Triumph, \$4.00 per 100. McGowan, Portia, Scott, Meteor, Morello and Ivory, \$3.00 per 100. Cash with order. Ed. Kirchner, Winona, Minn.

Extra strong, field grown, now ready, at 5 cts each; 500 Victor, 500 Jubilee, 600 Flora Hill, 1,000 Daybreak, 500 Silver Spray, 200 Tidal Wave, 300 Scott, 200 Braids, 200 Pingree, 100 Meteor, Frank Berry, Stillwater, Minn.

Support your Carnations with the Model Extension Carnation Support, now regarded as the standard support, and by far the best yet offered. The Model Plant Stake Co., 2,6 No. 9th St., Brooklyn, N. Y.

20,000 field grown Scarlet Wave, Daybreak, Scott, Tidal Wave, Alaska and Sebec, extra fine plants, \$5.00 per 100; \$45.00 per 1,000. Cash with order. H. C. Steinhoff, 578 Hudson Boul., West Hoboken, N. J.

Field grown, September delivery and later. We have a very large stock including G. H. Crane, Maceo, Glacier and Mrs. Jas. Dean, in good, healthy condition. Send for price list. F. Dorner & Sons Co., La Fayette, Ind.

Now ready. Daybreak, Scott, McGowan, Eldorado, Portia, Bride-maid, C. A. Dana, Jahn's Scarlet, T. Cartledge, A. Webb, Morello and Meteor, \$4.00 per 100, cash. Dana R. Herron, Ocean, N. Y.

Good sized, healthy, field grown plants. Lizzie McGowan, \$4.00 per 100. Flora Hill, \$6.00 per 100. Daybreak, Scott and Alaska, \$5.00 per 100. C. E. Heite, Merriam, Johnson Co., Kan.

40,000 field grown. Scott and Portia, \$4.00 per 100. McGowan, \$3.00 per 100. Good, healthy plants. F. W. Godfrey, Port Richmond, S. I., N. Y.

Still have a few hundred Daybreak and Scotts at \$3.50 per 100. Cash with order please. Mrs. E. Kuntz, 752 So. First St., Frankfort, Ind.

Thrifty field carnations with plenty of roots. Send for prices. All the new and leading varieties. Geo. Hancock & Son, Grand Haven, Mich.

Field grown, stocky plants, free from disease. 400 each, Scott and McGowan, \$5.00 per 100. Cash. Mrs. Flora T. Howell, Pine Bush, N. Y.

10,000 field grown, ready now. New and standard varieties from \$4.00 to \$10.00 per 100. Fine plants. Write me your wants. Carl Hagenburger, West Mentor, Ohio.

Scott, Daybreak, McGowan, Nivea, Jahn's Scarlet, strong field grown plants, \$5.00 per 100; \$45.00 per 1,000. Albert H. Brown, Westboro, Mass.

2,000 Daybreaks, 1,000 Lizzie McGowans, 1,000 Emily Piersons, 1,000 Scotts, field grown, healthy stock, \$5.00 per 100. C. M. Atkinson, Pittsfield, Mass.

Bon Ton, strong, \$6.00 to \$8.00 per 100. John Young and Mrs. Jas. Dean, \$6.00 per 100. Scott, \$5.00 per 100. Cash. Wm. Stuppe, Hollis, L. I., N. Y.

10,000 Wm. Scott, 1,500 Daybreak, 1,500 Uncle John, \$5.00 per 100; \$45.00 per 1,000. 1,500 Alaska, 200 Dazzle, \$4.00 per 100. Ben L. Elliott, Cheswick, Pa.

500 Jubilee, medium to large, clean and healthy, \$5.00 per 100. All other varieties sold. Cash with order. W. Sabransky, Kenton, Ohio.

Dorothy Sweet, Best scarlet carnation to date. 10,000 plants ready now. Price, \$10.00 per 100; \$80.00 per 1,000. 500 at 1000 rate. T. A. Webb, Corfu, N. Y.

Strong plants, free from rust. Jubilee, Pingree, Albertini, Ivory, McGowan, Scott, Portia, Evelina, \$3.50 per 100. Cash. Geo. A. Heini, Toledo, O.

Strong plants, per 100, Genesee, \$8.00, Flora Hill, \$6.00, Daybreak, \$4.00, Tidal Wave, Portia, Silver Spray, \$3.00. Geo. Souster, Elgin, Ill.

Field grown. All the leading varieties ready Sept. 1. \$5.00 per 100; \$40.00 per 1,000. Wm. F. Kastling, 481 Washington St., Buffalo, N. Y.

Carnations. Daybreak, Scott, Genesee, strong, bushy plants, \$5.00 per 100. Cash with order. Geo. E. Fancourt, Wilkes-Barre, Pa.

75,000 field grown carnations. Extra fine plants, all carefully disbudded. For prices address H. W. Buckbee, Rockford, Ill.

20,000 field carnations, standard sorts, \$3.50 per 100. South Side Floral Co., Springfield, Ill.

Field grown plants now ready. Send for price-list. Wm. Murphy, Sta. F., Cincinnati, O.

Daybreak. Extra fine field grown plants, now ready for delivery, \$6.00 per 100. John McFarland, North Easton, Mass.

20,000 field carnations, McGowan, Scott and Portia, \$4.00 per 100. All healthy and O. K. Benj. Connell, Florist, West Grove, Pa.

Strong and healthy Daybreak, Scott, Hill, \$5.00 per 100. McGowan, \$3.00 per 100. Cash. Alexander Schultz, Phillipsburg, N. J.

Scott, \$6.00; Daybreak and Mangold, \$7.00; Bon Ton, \$8.00. H. F. Littlefield, Worcester, Mass.

We have a fine stock of field grown carnations in all varieties. Send for complete list. Ellis & Pollworth, Milwaukee, Wis.

Field grown, fine stock, standard varieties, \$5.00 per 100. Henry Smith, Grand Rapids, Mich.

Scott, McGowan, Hill, Portia. Strong, bushy plants, \$5.00 per 100. J. S. Handt, Box 42, Calla, O.

Daybreak and Flora Hill, \$45.00 a 1,000; Minnie Cook, \$40.00 a 1,000; Bon Ton, \$6.00 a 100. Robt. Chesney, Montclair, N. J.

15,000 carnations. Wm. Scott and Lizzie McGowan. Fine stock, fair prices. C. Schafer, Woodside, N. Y.

Flora Hill, Daybreak, Scott and Portia, \$5.00 per 100; \$40.00 per 1,000. C. Merkel & Son, Mentor, O.

Best new and standard varieties. Write for catalogue and prices. W. P. Peacock, Atco, N. J.

Strong plants. Triumph, Alaska, Mrs. Northway and Painted Lady, \$4.00 per 100. Joy & Son, Nashville, Tenn.

Field carnations, if you want strong plants, cheap, write Lamprecht Bros., Ashland, O.

Carnations, field grown, \$4.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

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Grape Dust will check spot on chrysanthemums, and black fly too; also all sorts of mildew, etc. Sold by the seedsmen of America. Made by Hammond's Slug Shot Works, Fishkill-on-Hudson, N. Y.

300 Mums, 4 and 5-in., 15 and 20 cents each. G. Van Bochove & Bro., Kalamazoo, Mich.

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In finest mixture, from flats, \$1.75 per 100. E. Fryer, New Lots Ave., Brooklyn, N. Y.

CLEMATIS.

One and 2 years, pot and field grown. George Bros., East Penfield, N. Y.

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30 varieties, mixed, 2 1/2-inch, \$2.00 per 100. Geo. H. Dodge, Billerica, Mass.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

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Cyclamen giganteum, strong plants in splendid condition. 2-inch, \$4.00 per 100; 3-inch, \$7.00 per 100. Cash with order. C. W. Cox, Second & Bristol Sts., Philadelphia, Pa.

4-inch, strong, from best seed obtainable, \$15.00 per 100. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Finest strain in 4 colors, 2½-in., \$5.00 per 100. N. Smith & Son, Adrian, Mich.

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100 3-inch *Cyperus Notalis* (see Vaughan's Book for Florists for description), must be retted at once. Price \$5.00. C. C. McCotick, Cortland, Ohio.

500 4-inch, strong, \$5.00 per 100. Or will exchange for field carnations. Edw. Eggert, 42 Whiting St., New Britain, Conn.

Strong, 3 and 4-in., \$1.00 per doz. South Side Floral Co., Springfield, Ill.

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Strong plants from open ground, 20 to 30 inches high, \$3.00 per dozen; \$20.00 per 100. Ready for 6-inch pots. R. B. Graves, 421 Bridge St., Northampton, Mass.

100 *Dracaena Indivisa*, extra strong, 4-inch, \$1.50 per doz., or the lot for \$10.00 cash. Joseph E. Bonsall, Salem, Ohio.

Dracaena Indivisa, from field, \$15.00 per 100. C. Merkel & Son, Mentor, O.

Dracaena Indivisa, 100 4-inch plants, cheap. Geo. Souster, Elgin, Ill.

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Buy your ericas in Sept. and Oct. and bring them in bloom yourself. Save duty and ocean freight, etc., and run no risk of getting dead plants. We have 25,000 growing. Come and see them. Anton Schuthuis, P. O. Box 78, College Point, New York City.

Ericas for October delivery. Plants set with bud. All sizes of the best commercial sorts at reasonable prices. H. D. Darlington, Flushing, N. Y.

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Nephrolepis Washingtonensis, a magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house. Three good plants from 2-inch pots mailed for \$1.00; 100 good plants from 3-inch pots expressed for \$40.00; 100 extra fine plants from 4-inch pots, \$60.00. John H. Ley, Good Hope, D. C.

15,000 *Pteris*, 2-inch pots, fine plants. In three varieties, \$25.00 per 1000. 500 *Aralia Szeboldii*, 7-inch pots, \$6.00 per doz.; \$40.00 per 100. L. Koropp, cor. Wellington and W. Ravenswood Park, Chicago.

Boston Ferns. Fine pot grown plants ready for 8 and 10-inch, 7c and \$1.00 each. Excellent bench grown plants ready for 5, 6 and 7-inch pots at 40, 50 and 60 cents each. Now is the time to order and get up. A. J. Baldwin, Newark, Ohio.

Boston Ferns. N. Excellent Boston Ferns, small plants, \$5.00 per 100 to \$40.00 per 1000; largest size, \$6.00 to \$20.00 per 100; not less than 25¢ at 1000 rate. Wm A. Rock, No Cambridge, Mass.

Ferns for dishes, strong, 2 and 2½-in., \$3.00 per 100; \$27.50 per 1000 *Miranda Massagena*, no fern dish complete without it, \$5.00 per 100; \$40.00 per 1000. C. Merkel & S. n. Mentor, O.

Adiantum cuneatum, select stock, \$6.00 per 100; \$55.00 per 1000. Ready for shipment at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

As good as the best. The Boston Fern, 5-in., \$4.00 per doz.; \$25.00 per 100. 6-in., \$5.00 per doz.; \$30.00 per 100. Cash. Mrs. Flora T. Howell, Pine Bush, N. Y.

1000 true Maidenhair fern, 2½-in., \$5.00 per 100. 1000 *Lycopodium dent.*, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

Boston Ferns. Genuine stock, \$5.00 per 100; \$40.00 per 1000. Not less than 25¢ at 1000 rate. E. E. King, Attleboro, Mass.

Boston Ferns, 2½-inch, \$4.00 per 100. Cash. Byer Bros., Chambersburg, Pa.

FORGET-ME-NOTS.

Winter flowering, 2½-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

Victoria Forget-me-nots, \$4.00 per 1000. J. B. Shurtleff, Jr., Revere, Mass.

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Peach and plum trees for fall delivery 1899. Reliable and clean stock at low wholesale rates. All desirable leading varieties of peaches, old and new, in fruiting orchards. Have the new Triumph, Greenstone, and Sneed fruiting. Buds can be supplied in season at low rates. Very large stock of plum trees, all on plum roots, one and two years. Buds can be supplied of these also, either from nurseries or orchard trees. Have all the leading Japanese varieties, Abundance, Burbank, Chabot, Satsuma, Wilard and others; also the new Red June and Wickson in good supply. Usual supply also of *Asparagus Roots* to offer. Alex. Pullen, Milford Nurseries, Milford, Del.

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Gardenia Florida, from 3-inch pots, 8-10 inches, branched, \$10.00 per 100. P. J. Berkmans Company, Augusta, Ga.

GENISTAS.

2 years old, for 7 and 8-inch pots, well trimmed, \$25.00 per 100. M. F. La Roche, Agt., Collingdale, Pa.

3-inch, very bushy, \$10.00 per 100. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

GERANIUMS.

Sweet scented, Mrs. Pollock, Pansy, 2½-inch, \$4.00 per 100. Mrs. Parker, 2½-inch, \$6.00 per 100. Rooted cuttings: Assorted \$1.50 per 100; mixed, \$1.25. Mrs. Happy Thought, \$3.00; Mrs. Pollock, \$2.00. Silver Leaf, Rose scented, 1½, \$1.50. Mrs. Parker, Freak of Nature, \$4.00; Mme. Sallerol, \$1.25. Cash or P. O. D. Greene & Underhill, Watertown, N. Y.

For sale 130 stock plants of a geranium seedling. Those meaning business can apply for sample blossoms. The highest bidder gets it. It is of Mme. Brunet type, but scarlet. It is a cross between *Sony de Meande* and a scarlet. N. Greivelling, Merrill, Wis.

Apple scented geraniums. I have a large stock of this fine, fragrant geranium. Strong, healthy plants, 5 cts. each; \$4.00 per 100. W. J. Hesser, Plattsmouth, Neb.

Happy Thought and Silver Leaf, 2½-in., \$4.00 per 100. Greene & Underhill, Watertown, N. Y.

Mme. Jaulin, the peach pink Bruant, 3-inch, \$8.00 per 100. The Cottage Gardens, Queens, N. Y.

1000 new *Geranium De Roo* Mitting, per doz., \$1.20. Morris Floral Co., Morris, Ill.

800 apple geraniums, 2½-in., \$4.00 per 100. H. Steinmetz, Raleigh, N. C.

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Grevillea robusta, 3-inch, fine plants, \$4.00 per 100. Cash. Beach & Chessman, Richmond, Ind.

Grevillea Robusta, 2-in., strong, \$2.50 per 100. Edw. B. Jackson, Stamford, Conn.

If you buy from these advs. others would buy from yours.

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20,000 Shade Trees, all kinds and sizes; 15,000 Evergreens, 2 to 10 feet; 10,000 Shrubs, many new kinds; 20,000 California Privet, 2 to 6 feet; 3,000 Colorado Blue Spruce, 2 to 4 feet; 4,000 Arbor Vitae trees, 4 to 7 feet; 1,200 Purple Beech, 4 to 5 feet; Clematis, Honeysuckles; 3,000 Rhododendrons and Hardy Azaleas, 2 to 3 feet. Stephen Crane, Prop., Norwich Nurseries, Norwich, Conn.

Blota Aurea Nana, a perfect gem, fine, shapely plants, hardy north. 10 to 12 inches high, \$10.00 per 100; \$50.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100. P. J. Berkmans Company, Augusta, Ga.

Hardy shrubs, trees, vines, evergreens and perennials. A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap. Trade list free an application. T. R. Watson, Plymouth, Mass.

Hardy Herbaceous Perennials. The most complete stock in America. Paeonies, Phlox, Iris, Delphiniums, etc., etc. Jacob W. Manning, The Reading Nursery, Reading, Mass.

Viburnum Tomentosum. A rare and beautiful shrub. *Hebeus Perennials* a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

English double hollyhocks, fox gaves, Canterbury bells and Coreopsis *graniflora* \$4.00 per 100. J. B. Shurtleff, Jr., Revere, Mass.

F. & F. Nurseries, Springfield, New Jersey. Wholesale growers Trees and Plants in full assortment. Trade catalogue free.

Clematis Paniculata, 2 years old, pot grown, \$6.00 per 100. C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Azalea Amoena. Hardy shrubs and trees in great variety. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Dielysia, or Reading Heart, \$6.00 per 100; \$50.00 per 1000. S. E. Hall, Cherry Valley, Ill.

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Cryptomeria Japonica (Japan cedar) a beautiful jardiniere evergreen; as handsome as *Araucaria excelsa*, for which it is often mistaken, but ten times cheaper. 4-inch pots, \$15.00 per 100. 2½-inch pots, \$9.00 per 100. 25 2½-inch for \$2.50, postpaid. Jackson & Perkins Co., Newark, N. Y.

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Manettia bicolor, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

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Orchids have for very many years been a specialty with the undersigned, and the collection is steadily augmented by fresh importations from the collectors of the firm. It is not easy, without seeing it, to form an adequate conception of the stock. Extent is simply immense. Quality fine. Prices moderate.

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BUSH HILL PARK NURSERY,
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We have just received a fresh shipment of Cattleya Labiata and C. Speciosissima, also a limited quantity of C. G. Skelliana. Cherry wood baskets, fresh moss and peat.

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Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel.

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Pæonies, double pink and white, \$8.00 per 100.

McCrea & Cole, Battle Crek, Mich.

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WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS.

Measurements from top of pot to top of tallest leaf.

	Pot	H't.	Char.	Per	Per
	in.	in.	ivs.	Each.	Doz.
Latania Borbonica,	2			\$ 1.50	
"	3			1.50	
"	5	16-20	5-8	\$ 5.00	5.00
"	6	18-20	5-7	.75	9.00
"	7	20-24	6-8	1.00	12.00
Cocos Weddelliana,	3	14-18	4-6	.25	3.00
Kentia Belmoreana,	3	5-7	3-4		2.00
"	3	8-10	4-5	.25	3.00
"	3	18-20	5-6	.75	9.00
"	5	18-20	6-7	1.00	12.00
"	6	20-25	5-7	1.50	18.00
"	7	24-38	6-7	2.50	30.00
Kentia Forsteriana,	5	20-24	4-6	.75	9.00
"	5	25-28	4-6	1.00	12.00
"	6	26-30	6-8	1.50	18.00
"	7	36-40	5-6	2.50	30.00
Phoenix Reclinata,	5	14-16	5-8	.50	5.00
"	6	16-18	7-10	.75	9.00
Pandanus Urtica,	3			1.50	
"	4	12-14		3.00	
"	5	14-16		5.00	
Peperomia Agryea,				1.50	
Dracaena terminalis,	4			3.00	
"	"	8-10		3.00	
"	"	5 10-12		.50	5.00
"	"	6 14-16		.75	9.00
Araucaria Excelsa at \$10.00, \$15.00 and \$30.00 per dozen					
Cycas Revoluta from 50 cents to \$15.00 each, in any quantity.					

Geo. Wittbold, 1708 N. Halsted St., Chicago.

150 Latania Borbonicas, 5-in., 5 to 6 leaves, 18 inches high, 30c each. 15 Latania Borbonicas, 7 to 8 in., 7 to 8 leaves, \$1.50 each. 25 Kentia Belmoreanas, 5-in., 6 to 7 leaves, 20 to 24 inches high, 80c each. Measurements are taken from top of pot and all this stock is surplus and extra fine.

G. Van Borch & Bro., Kalamazoo, Mich.

	Pot	H't.	Char.	Per	Per
	in.	in.	ivs.	100.	1000.
Latania Borbonica,	4	12-15	2	\$17.00	\$125
"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
Phoenix Canariensis,	4	15-18	4-5	17.00	
Seaforthia Elegans,	4	18-20	2	20.00	

P. J. Berekmans Company, Augusta, Ga.

Dracaena Sanderiana, 3-in. pots, \$20 a 100. Peperomia Arifolia, 3-in. pots, \$5 per 100. Ficus Elastica, 6-inch pots, 18-inch, \$40.00 per 100; 8-inch pots, 3 to 4 feet, \$1.50 each.

J. R. Freeman, 612 13th St., N. W., Washington, D. C.

If you buy from these advs. others would buy from yours.

Dracaena Fragrans, 4-inch, fine stock, \$25.00 per 100. Ficus Elastica, choice stock from 5 and 6-inch pots, \$6.00 to \$9.00 per doz.

C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Large stock of handsome home grown palms and decorative plants of all the leading varieties at popular prices. Send for price list.

Lemuel Ball, Wissinoming, Philadelphia, Pa.

A large assortment of Palms, Rubbers, Cycas and Bay Trees. Prices on application.

H. C. Steinhoff, 578 Hudson Boul., West Hoboken, N. J.

Ficus elastica, Nice, clean, healthy stock, from 5-inch pots, well leaved from pot up, 18 to 24 inches high, \$4.00 a dozen; \$30.00 a 100.

McGregor Bros., Springfield, O.

Pandanus Veltchii, per doz., 6-in., \$12.00; 7-in., \$18.00; 8-in., \$24.00. Stock in excellent condition.

J. Welsh Young, Germantown, Pa.

Palms and Decorative Plants in quantity.

Anton Schultheis, P. O. Box 78, College Point, Queens Borough, New York.

Palms and Decorative Plants. Largest stock in America.

Siebrecht & Son, New Rochelle, N. Y.

Finest stock of Kentias in the west. Send for our list of Palms and Ferns.

Elis & Pollworth, Milwaukee, Wis.

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For Pansy Seed see under heading "Seeds."

From Zingstebel's Giant Pansy seed at same rate as common varieties, \$5.00 per 1000. Securely packed to go any distance. Large transplanted plants for winter blooming, \$2.00 per 100.

Denys Zingstebel, Needham, Mass.

I have about 25,000 pansy plants of my own private strain, more than I shall use, and warrant them for size and color equal to any in the market. Price, \$4.00 per 100.

J. B. Shurtieff, Jr., Revere, Mass.

Grown from extra choice seed and not surpassed by any other variety for size, beauty of coloring and freedom of flowers. 50c per 100; \$4.00 per 1000.

J. L. Dillon, Bloomsburg, Pa.

The Jennings strain. Plants now ready. All colors, finest mixed, by mail 60c per 100, by express \$4.00 per 1000.

E. B. Jennings, L. B. 254, Southport, Conn.

Large flowering Pansies, \$2.50 per 1000; 40c per 100. Hardy Daisies, Snowball, Longfellow, \$5.00 per 1000; 75c per 100. Cash.

Byer Bros., Chambersburg, Pa.

By express, 500 for \$2.50; 1000 for \$4.00

O. Soltan & Co., 139 Grant Ave., Jersey City, N. J.

24,000 Pansy Plants, giant flowering (large), \$5.00 per 1000.

Morris Floral Co., Morris, Ill.

Herr's Pansies, the best strain in the world See adv. page 398 before ordering elsewhere.

Pansy Plants, 50c per 100; \$2.50 per 1000.

Jos. H. Cunningham, Delaware, O.

PELARGONIUMS.

Six of the best commercial varieties, mixed, 2 1/2-inch, \$3.50 per 100. Cash.

J. G. Elselz, 20th & Ontario Sts., Phila.

1000 Pelargoniums The Queen, 2 1/2-in., \$3.00 per 100.

Morris Floral Co., Morris, Ill.

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14,000 double petunias, 22 varieties, mixed, 2 1/2-in., \$3.00 per 100; \$25.00 per 1000.

Morris Floral Co., Morris, Ill.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

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Chinese Primroses, Ready for 3-in. Known throughout the U. S. and Canada as the finest large flowering fringed variety grown. Single and double, named, \$2.00 per 100; \$17.00 per 1000; 250 at 1000 rate. Extras added liberally to help pay expressage. Strictly cash.

John F. Rupp, Saitemanstown, Pa.

44,000 Primulas, alba, rubra and mixed, 2 1/4-inch, \$2.00 per 100; \$18.00 per 1000. 1400 obconica, 2 1/4-in., \$2.00 per 100; \$18.00 per 1000. 4000 Japonica alba, 2 1/4-in., \$2.00 per 100; \$18.00 per 1000. 4000 new yellow Baby Primrose, 2 1/4-in., \$19.00 per 100; \$90.00 per 1000.

Morris Floral Co., Morris, Ill.

Chinese Primroses and Obconica grandiflora, ready for 3-in., \$2.00 per 100. Obconica grandiflora rosea, ready for 3-in., \$2.50 per 100. Forbestii, ready for 3-in., \$3.00 per 100. Cash with order.

Jos. H. Cunningham, Delaware, Ohio.

The Baby Primrose, strong plants, 2 1/4 and 2 3/4-in., \$4.00 per 100; \$35.00 per 1000. Chinese, from best strain, \$2.50 per 100. W. J. Engle, Xenia Ave. and Dover St., Dayton, Ohio.

Baby Primrose, For Sept. 1st delivery. Fine plants, 2 1/2-inch, \$12.00 per 100.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Primulas, per 100, 1000 strong 2-in., \$2.00; 500 strong 3 and 4-in., \$6.00 and \$8.00. Select strain, stocky, clean plants.

J. C. Murray, 401 Main St., Peoria, Ill.

Drer's strain of Chinese Primroses, out of 3-inch pots, fine plants, \$4.00 per 100. Cash with order.

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Chinese, from pots, \$2.00 per 100; from flats, very nice, healthy stock, best strain, \$1.50 per 100.

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Baby Primrose, strong, immediate blooming, 2-inch, \$5.00 per 100. Obconica grandiflora, 2 1/4-inch, \$2.50 per 100. J. W. Myer, Greenfield, Ind.

Primula (Chinese), Obconica Fimbriatum and Obconica Hybridum, per 100, 2-in., \$2.50; 3-in., \$5.00.

N. Smith & Son, Adrian, Mich.

Chinese primrose, extra fine strain, 2 1/4-inch pots, \$3.00 per 100.

Greene & Underhill, Watertown, N. Y.

Chinese primrose, choicest strains mixed, 2-in., \$2.00; 2 1/2-in., \$3.00; 3-in., \$4.00 per 100.

Geo. M. Emmons, Newton, N. J.

ROSES.

12,000 rose plants occupy our propagating houses and must be moved at once. Will fill orders at half value for 30 days. Every plant guaranteed. Meteors, Brides, Perle, Maids 4-in., \$4.00 per 100. Same varieties, strong 2 1/4-in., \$3.00 per 100; \$25.00 per 1000.

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First quality forcing roses, perfectly healthy and grown especially for late planting. Safano, Sunset, Pres. Carnot, Kaiserin, Meteor, Wootton, Perle, Mme. Huste, 3-in., \$5.00 per 100; 4-in., \$8.00.

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Reine M. Henrietta, Rambler, Azalaia, Mme. Alfred Carrier, and other climbers, 4-inch pots, strong, \$10.00 per 100. Golden Gate, 2 and 3-in., \$4 and \$6 per 100. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Fine, strong plants: 1000 Mrs. Garrett, 550 Bridesmaid, 50 Bride, 425 Niphetos, 700 Cousin, 875 Meteor, 550 Perle. Write for price-s. J. M. Gasser, 101 Euclid Ave., Cleveland, O.

A few hundred 4-inch pot Bridesmaids left at 4c to close out. Will exchange for A. Sprengel, of Boston Drooper Fern.

Beach & Chessman, Richmond, Ind.

American Beauty, Bridesmaid, Perle, Bride, Sunset, Meteor, Morgan, Testout, Mermel, La France, 3, 3 1/2 and 4-inch.

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CLASSIFIED ADVERTISEMENTS CONTINUED.

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Wire Rose Stakes. Straight or looped and pointed. Samples and prices on application. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

Grape Dust kills mildew on roses. Sold by the seedsmen of America. Made by Hammond's Slug Shot Works, Fishkill-on-Hudson, N. Y.

Bridesmaids, 3-in., \$5.00; Meteors, 2½-in., \$4.00; Kaiserins, 4-in., \$8.00 per 100. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

Field grown Brunner, Hermosa, La France and Mosela, \$10.00 per 100. Cash or reference. M. F. La Roche, Agt., Collingdale, Pa.

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400 M. Nel, 3-in., 15 to 18 inches, \$10.00 per 100; 12 to 15 inches, \$8.00 per 100.
H. Steinmetz, Raleigh, N. C.

Beauties and Wootons, 2½-in., only 1000 of each. 500 2-in. Brides. A bargain.
Geo. A. Kuhl, Pekin, Ill.

Perles, Maids, Meteors, Brides, 3-in., \$4.00 per 100. Henry Smith, Grand Rapids, Mich.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

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Pansy Seed, Hunt's Unrivalled. This mixture is made up by the most careful selection from all the best varieties grown and is the standard mixture for florists who wish to realize the greatest returns from either blooms or plants. We have sold this mixture with increasing sales for the past ten years, a sufficient proof of its high quality. Oz., \$8.00; ½ oz., \$1.00; trade pkt., 25 cts.
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Our Specialties: Sweet peas, coamas, hollyhock, verbena, aster, mignonette, etc.; onion, lettuce, celery, carrot, saffron, parsnip, lima beans, salt bush, bromus grass, Bermuda grass, Johnson grass, etc. All California grown. Wholesale only.
Perry Watson & Co., Sacramento, Cal.

New crop, Bell's selected, 25 grand sorts, 2000 seeds, 75c. Royal show Pansies, 200 best large sorts, mixed, 75c oz. Home grown flower seeds cheap. J. J. Bell Co., Deposit, N. Y.

The Jennings Pansy. All large flowering and of the most brilliant colors. Sure to give satisfaction. \$1.00 per pkt.; \$5.00 per oz.
E. B. Jennings, L. B. 254, Southport, Conn.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Special seeds for the florist and gardener. Send for wholesale catalogue.
Johnson & Stokes, Philadelphia, Pa.

Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.
C. Soltan & Co.,
199 Grant Ave., Jersey City, N. J.

Zirngel's Giant Pansy seed, \$1.00 per trade pkt., or \$3.00 per oz.
Denys Zirngel, Needham, Mass.

Cabbage and Cauliflower seed specialist.
Franca Brill, Hempstead, L. I., N. Y.

SMILAX.

String your Smilax with Meyer Green Silka-line. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

4,000 strong, healthy 3-inch pot plants, \$2.50 per 100.
Asa L. Brown, Davis Ave., Kearney, N. J.

Strong, 2-in. pots, \$1.50 per 100.
Henry Smith, Grand Rapids, Mich.

Plants in 2½-inch pots, \$15.00 per 1000. Cash with order.

Langer, 676 Ave. E., Bayonne City, N. J.

Extra strong, ready to string, \$1.00 per 100; fine strings, 8 ft. long, 15c.
South Side Floral Co., Springfield, Ill.

Smilax, extra strong, 3-in., \$2.00 per 100; \$15.00 per 1000. Cash with order.
Albert F. Amling, Maywood, Ill.

Fine field grown, bushy plants, better than from pots, \$2.00 a 100. Cash with order.
Roney Bros., West Grove, Pa.

2000 3-in. Smilax. A bargain.
Geo. A. Kuhl, Pekin, Ill.

Smilax, strong plants, 2½-in., \$2.00 per 100.
Geo. Souster, Elkin, Ill.

VEGETABLE PLANTS.

Cabbage plants, field grown, 15c per 100; \$1.00 per 1000; if by mail add 10c per 100. Write for prices on large lots for fall planting. Parsley, strong plants, 55c per 100; \$2.50 per 1000; if by mail add 20c per 100. Cash with order.
R. Vincent, Jr. & Son, White Marsh, Md.

Rhubarb, Matt Lineaus. Divided roots, \$3.00 per 100; \$30.00 per 1000. For delivery before Jan. 1, 1900. S. E. Hall, Cherry Valley, Ill.

VINCAS.

10,000 Vinca seedlings, three colors, \$3.00 per 1000. Chas. A. Juengel, 1841 South 14th st., St. Louis, Mo.

500 field grown vincas, 8 cts each.
Frank Berry, Stillwater, Minn.

VIOLETS.

5000 California violet clumps, from field, \$3.00 per 100. L. H. Campbell and Marie Louise, 2½-inch, fine, \$3.00 per 100. All healthy. 5000 field clumps L. H. Campbell, fine, \$5.00 per 100; \$40.00 per 1000. Cash please.
Benj. Connell, Florist, West Grove, Pa.

Princess of Wales, strong and healthy, field grown, \$3.00 per 100; \$25.00 per 1000. Sample 10 cents. Cash with order. Glen Cove Greenhouses, F. G. Menze, Prop., Glen Cove, N. Y.

Swanley White, 4-inch, \$7.00 per 100. Contracts wanted for cut violets for the season. M. Louise, Campbell and Swanley White.
Henry Smith, Grand Rapids, Mich.

2½-in., \$3.00 per 100. Field grown, \$5.00 per 100; \$45.00 per 1000. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

Violets, per 100, Forquay, 2½-in., \$3.00. Double White stock, 2-in., \$3.00.
Greene & Underhill, Watertown, N. Y.

Lady Campbell, field grown, clean stock, \$4.50. Cash.
Beach & Chessman, Richmond, Ind.

Princess of Wales, California and Swanley White, strong field grown plants, \$5.00 per 100.
Albert H. Brown, Westboro, Mass.

Farquhar, 4-inch, \$7.50 per 100. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Marie Louise, pot grown, \$25.00 per 1000.
A. S. MacBean, Lakewood, N. J.

Marie Louise, fine plants, \$45.00 per 1000.
Robt. Chesney, Montclair, N. J.

500 Marie Louise, 4 cts each.
Frank Berry, Stillwater, Minn.

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Carex Variegata, 2½-inch, \$5.00 per 100.
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Improved folding Cut Flower Box. Write for samples and prices.
Ellis & Pollworth, Milwaukee, Wis.

Florists' Boxes and Mailing Packages. The Dayton Paper Novelty Co., Dayton, O.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

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Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00. Florists' Pub. Co., Chicago.

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Pulverized sheep manure, something new in this line, as it is of full strength. Applied with hose, 75 lb. sack \$1.00; per ton \$11.00. Write for sample. A. Mitting, Morris, Ill.

Selected horse manure for mushroom culture and cow manure for rose growing, for sale by carloads. Bradley & Green Fertilizer Co., 9th, below Girard Ave., Philadelphia, Pa.

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Bone meal. By the bag, ton or carload. Write us for quotations.
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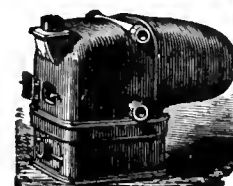
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G. L. GRANT, EDITOR AND MANAGER.

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DES MOINES, IOWA.—The Iowa Seed Co. are building eight new houses.

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Model Plant Stake Co.

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Cut Flowers—Buffalo.

Kasting, W. F.

Cut Flowers—Chicago.

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Wietor Bros.

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Cut Flowers—Kansas City.

Maplewood Cut Flower Co.

Cut Flowers—Milwaukee.

Ellis & Pollworth.

Cut Flowers—New York.

Cut Flower Exchange.

Cut Flowers—Pekin, Ill.

Kuhl, Geo. A.

Cut Flowers—Philadelphia.

Baker, W. J.
Pannock, S. B.

Cut Flowers—Pittsburg.

Pittsburg Cut Flower Co.

Cut Flowers—St. Louis.

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Ellison & Tesson.
Kuehn, C. A.

Decorating Material.

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Caldwell The Woodsman.
Elliott, W. H.
Kelsey, H. P.

Fertilizers.

Mitting, A.

Florists' Supplies.

Ellis & Pollworth.
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McKellar & Winter-son.
Pittsburg Cut Flower Co.
Reed & Keller.
Rice, M. & Co.

Glass.

Smith & Smith.

Glazier Points.

Dreer, H. A.

Greenhouse Building.

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Moninger John C. Co.
Smith & Smith.

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Hitchings & Co.
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Putty.

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Nevin, T. H. Co.
Pierce, F. O. Co.

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Florists' Supply Co.

Sphagnum Moss.

Brague, L. B.
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Ventilating Apparatus.

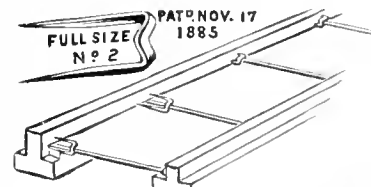
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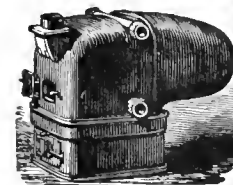
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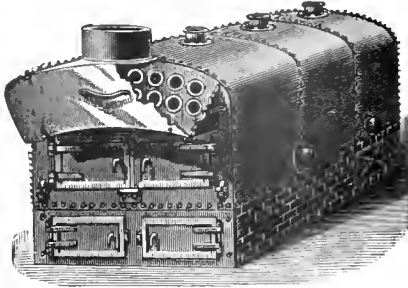
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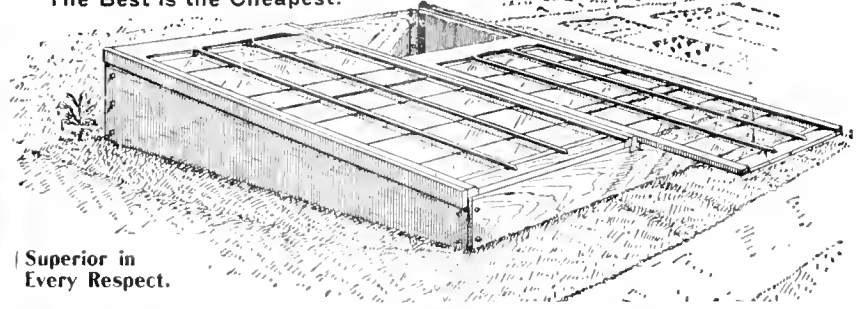
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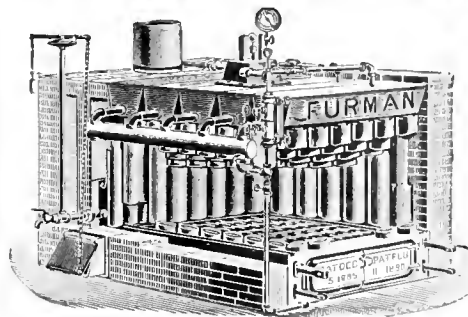
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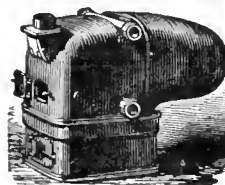
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No. 95.

CYCAS.

[From the Florists' Manual by Wm. Scott.]

There is one species of this handsome palm-like plant that is known to all florists, the *C. revoluta*. It is not only one of the finest of our decorative plants, but its handsome leaves are largely used simply tied together or with the addition of roses, etc., for

The cycas is quite a tough plant. I mean by that that it withstands a good deal of rough usage. I have seen it do well the year round in a light room where gas was used, and if you have no better place it will thrive in a temperature of 50 degrees all winter, but that is not the way to produce fine leaves. It will burn under the focus of

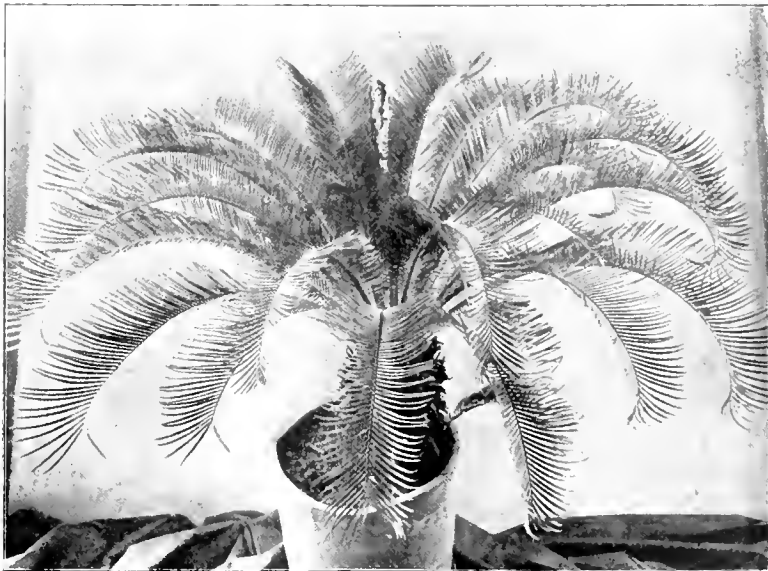
a fifth or sixth of well rotted cow manure. In the spring if you have no occasion to shift them give them a mulch of not over decayed manure. When in good health they will always make one whorl of leaves every spring. If water passes freely through the soil you cannot very well overwater them, and they like syringing at all times.

Their greatest enemy is the brown scale, and to remove this (or rather prevent it) they must be sponged with the kerosene emulsion. Mealy bug will attack them, but there is no excuse for that, as the hose should keep them down. A temperature of 60 degrees will do very well in winter and as hot as you like in spring and summer. When cutting the leaves for use never cut very close to the stem; leave three inches of the stem of the leaf on the main trunk.

There is no need of discussing the method of propagation of the cycas, as the young plants or stems in a dormant state are now imported by the ton and sold by weight. When first received they should be put into pots not much larger than the diameter of stem and plunged into bottom heat. They will in course of time throw out a small whorl of leaves, but their root action is slow. At this stage they are easily hurt, and although not wanting bottom heat after a few months, the plants should not be put out of doors or used for decoration, or by any means sold to a customer till they have made a good growth of roots, which will be two years from the time they are started.

We often get an old cycas on our hands that has been abused and lost its leaves. By shaking off the soil and potting in small pots and treating as you do the imported stems you will in time get a good plant.

C. revoluta is by far the most valuable to the florist for all purposes. Of the other species for private collections, *media* and *circinalis* are fine plants.



Cycas Revoluta.

funeral designs. Cycas leaves of all sizes and perfect in outline and color are now imported either from China or climes where this plant grows freely out of doors the year round. Although they are beautifully preserved and put into fine artistic forms, they are not quite the thing with all our customers and do not entirely take the place of the home grown, naturally colored leaves.

glass, but will stand out of doors unharmed in the broadest and hottest suns if plentifully supplied with water. It makes a grand specimen for a lawn during the summer months.

They should not have a larger pot or tub than is necessary, but must have a shift every two years if they are making a strong growth. The soil should be a strong turfy loam, lightened up with leaf-mould and sand, or



The present style of rich, permanent interior decorations is very detrimental to the florist's business. To know the full meaning of this fact one must be acquainted with the modern homes of the rich. The American man of money is no longer satisfied with what pleased his ancestry, for he gathers together (no matter at what cost) the gems of the earth to make his home a treasury of art. No, not always of art; 'tis often a museum of curiosities, a ghastly crypt of mummies and idiosyncrasies, anything and everything to be distinct.

And yet above all the conglomerate peculiarities of our people America is destined to be the treasure land, the art center of the world! The struggling artist, the alien or the cynic of today, may sneer at such assertions as these; many of them only know (though they will not admit) the sustaining qualities of our agricultural products. Nevertheless 'tis true whilst we can readily admit that New York or Chicago are neither on the site of the Acropolis nor Pompeii, they are fast becoming greater because they are not only accumulating the relics of those places, but they are rearing reproductions and improvements on all that is best in art, from one thousand years before Christ to the present day. And is there anything in the Old World today safe from American desire backed by money?

Many will say it is not the province of a florist's paper to dwell upon such subjects. Neither is it only where it affects the florist. The man who grows a lot of stock is only concerned about how to sell it at the best price. The small storekeeper cares only for the whims of his usually easily pleased customers, but the floral artist is supposed to be *acquainted* with everything pertaining to and what influences his business.

When in our opening line we said the permanent interior decorations of today were detrimental to our business, we meant more that it called for less of the grosser materials we grow today, than a diminishing demand for finer stock and refined modes of application. To illustrate this come with us into the city palaces of the Vander-

bilts or any of the multi-millionaires. What a tremendous contrast these places are to the modest houses these very same people occupied less than twenty years ago! Ah, at that time any old thing you grew with a leaf or a flower could be used, and there was no temerity about spoiling anything. Those were the times, Mr. Grower, when you got big prices for rubbish, and you wonder why it isn't always so. Come with us, and we'll show you.

But before we start let us point out that your old ramsackle wooden greenhouses have been replaced by modern iron structures, in which ingenious appliances have rendered cultivation problems less mysterious, and experiments have obliterated the dividing lines of seasons. The retail store has been changed from the shabby, ill-kept, rubbish filled, cheap rented place you sold your first flowers in, to the marble countered, crystal-ice-boxed, finely appointed, high rented shop of today. And this was rendered necessary by the element we are discussing.

Mrs. So and So is going to give a ball, wants her palace decorated for the event. She comes to you because she either knows you or the way in which you keep your store appeals to her. Never fear but what under all circumstances she keenly sizes up everything; the dress of your men, the condition of your place and the quality of your stock—nothing is lost to her; and often she thinks to herself, are these men capable of treating my house in accordance with its furnishings, or can I rely on them not to damage my treasures? She makes an appointment for you to call at her house, and 'tis often the case that the average florist is overawed by the beauty and superiority of all he sees there. This is the time your knowledge of art in all its branches gives, not alone you but your customer, confidence, and you meet her on equal grounds.

The first thing she will say is, "Now, Mr. So and So, you know my house is so beautiful that it doesn't really want much done to it. I don't want anything that will look overcrowded, or too elaborate; what can you suggest?"

Now unless you have a thorough knowledge of everything artistic, this is where you mumble out something and tell her you will let her know. This creates pity or contempt for you, and often loses you the work. If you go around with her and suggest delicate forms of decorations here and there, to harmonize with the surroundings, she is assured you know your business and tells you how much she wants to spend, and lets you go ahead.

It is well to call on the grower to help you at such decorations, in order to let him see what is useful and what is bad.

Well, having got all our green materials neatly into the basement of the house where it is safe and out of the way, we prepare to start upstairs. (We will deal with the value of a friendly servant in another paper.) We commence with the ballroom first, because that is most important; not alone that our best work must be done there, but that the floor must be waxed after we get out. We have no use here for your thousands of smilax or garlands of roping we were wont to use years ago. No, no, this ballroom has been either wholly brought over from some emperor's palace in the Old World, or it is a copy of all that was best in each, perhaps like the rest of the house a renaissance of all that goes to constitute beauty.

Very few palms are wanted in this room and these few must be tall, pillar-like *Areca lutescens*; if they are tall enough to put on the floor a mat should be put under them; if a stand is used it should be substantial and unobtrusive in every sense. A good specimen palm in each corner of the room, and one at each end of the musicians' screen is all that is necessary; this musicians' screen is too often a palpable screen and nothing more, whereas it should be a work of art, a bank of growing *Adiantum Farleyense* or *A. cuneatum*, with a cluster of *Orchidiums* or some other showy orchid in the center.

You will have very little use for hammer and nails, for the sound of a hammer carries consternation with it. We must use stout rubber bands or fine wire on the plastic cornice or pillar, safety pins or parchment books where we would like to use tacks. Asparagus is about the only vine one can use, and even that is too dull colored or coarse to put against some gem. You cannot twist garlands around that pillar; no, just put a delicate, irregular drapery around it, close to the top; these should reach down from two to three feet.

The walls may be covered with tapestry or paintings worth their area in solid gold. No garlands on them, nor gaudy flowers near them. If they portray a battle scene or some pathetic incident a few sprays of fine autumn leaves somewhere close to will give deeper expression to the subject. If on the other hand they illustrate light, romantic or festive features, a variety of flower should be used which will harmonize with the dominant color

used in that particular work. Curtains of vines are no longer tolerated in the finest work; if they are, they must be worked out in a more artistic manner. A naturally arranged cluster of vines and a good loose bunch of flowers on the top of the mirror is best. The bottom shelf should contain your finest flowers and greens.

If a garland of roses or vines is wanted in any high place, you can suspend it with a gummed parchment hook, which is capable of holding up a hundred roses. By the use of some little device one is often permitted to use more material; the dread of nails makes many customers do without decorations altogether. Strong, short pins or thin screw-eyes are silent helps, and where it is absolutely necessary to use a hammer the double-headed tack is almost all that is wanted.

The purpose of these notes is to

create harmony. You may be sure madame will soon order you to take down whatever is bad. Never mix your colors or have many of them in one room, if it is possible to avoid, and never scatter your flowers around; one good bunch is more effective than many small ones.

Often the question of vases is hard to handle. There are several here worth thousands of dollars. You would not give a dollar for some of them, still you must reverence them, and if they are of a hard color put a graceful plant in them; if a self tone color use a flower to match; in either case don't hide the vase, and if you can avoid using them at all so much the safer for you.

Hanging and wall pocket vases are destined to be used in the future in preference to set designs, and there is nothing more beautiful than such vases filled handsomely with o'erhang-

Fashions may appear in Paris, London and Berlin; only the best are adopted here, and those which are created here are better than all. So it is with all things down to floriculture, and what is there in this you can learn abroad? Aye, some whim, some fancy, but not a substantial principle. To show you are equal to the requirements of every case, more particularly to be able to advance ideas of refinement, is a sustaining pleasure in itself. IVERA.

CHRYSANTHEMUM NOTES.

Cool nights are here and it is time to pay more attention to the ventilation. All through the summer as much air as possible has been left on the houses night and day, but now the chilly mornings warn us that frost is at hand. We never like to let our houses fall below 45 degrees. It is not safe much below that when you are handling crown buds, though houses planted late and intended for late flowers will not hurt. In case of a really cold night the houses should never be closed down tight just for the sake of being economical with the steam. It is far better to leave quite a little air on and run a coil of heat through the house. This keeps the atmosphere moving in the house and moisture does not settle on the plants.

As the early varieties begin to show color, syringing should be discontinued, and if they are planted by themselves as they should be, the atmosphere at that end of the house can be kept dry without interfering with the later kinds. These should be syringed every bright day to keep the foliage healthy.

If you are growing Glory of the Pacific be careful to stop feeding as soon as the bud shows color. If feeding is continued too long it takes the color out of the flower.

As the flowers develop it will be found that less and less water will be needed, and always be sure to do your watering in the morning to have the atmosphere dry and buoyant by night-fall. This is important because if the foliage is wet at night mildew will soon make its appearance and fine foliage is needed today, just as much as fine flowers, to command top prices.

Black fly must be all cleared out before the buds show color, as plants cannot be fumigated when they are in flower. Though you don't see any fly in the house it is just as well to smoke because if there is an odd one or two they will increase very fast when the house is kept dry. The green fly has been more numerous with us this year than the black.

BRIAN BORU.

SPECIMEN GLOXINIAS.

The accompanying engraving, which we have reproduced from the Gardeners' Magazine, shows a pair of specimen gloxinias shown by Messrs. J. Veitch & Son at a recent English exhibition. They are certainly fine examples of the results of cultural skill,



Specimen Gloxinias.

show a few of the technicalities of decorating. Although we have only been dealing with a treatment of one room, still the same principle applies to all rooms done in modern style. For instance, here is a Pompeii paneled staircase. We must put nothing there but neutral tones or the brightest contrasting color, or our work will suffer most. Here is a marble nymph or Venus. To hide its beauty by vine or plant would be a crime, but to drop a cluster of roses at its foot would be a tribute to all that is good. Yonder is a "de Longpre." Shall we put a garland of wired, sickly looking buds beside it? No, but we will get a bunch of open roses and put them where the picture and they will appear as one.

A great many rooms are paneled in silk and decorated with the exquisite traceries of Louis XV. style. You must not do anything here that would look formal or cumbersome, rather interlace your most delicate vines with these traceries. Take care not to hide any beauty, but enhance it with your work; that's what you're there for. The intelligent artist of today first studies his color effects. You cannot throw stuff around promiscuously and

ing flowers and vines. The rough material, such as ivy, laurel, hemlock, etc., can no longer be used in the up-to-date American mansion unless it be to cover up some element we introduce. Thus the growth of art in this country influences those who have no direct knowledge. Finer flowers are demanded because more vases are used.

You will find most growers today turn up their noses and wonder why such a thing is not good enough. Many and many there are in other lines of our business, even among the retailers themselves, who refuse to accede that any special qualifications are necessary to be a floral artist. Any of you may sell this lady a plant or bunch of flowers because you are either cheap or it pleases her fancy to patronize you thus, but when she wants fine work done she goes where she is sure she can get it. That's where the difference lies, and in order to be able to keep first class trade one must be acquainted with more than the average surroundings of the florist.

Americans may not be the most picturesquely dressed people in the world, but all admit they are the best dressed.

COLD-FRAMES.

[From the Florists' Manual, by William Scott.]

What we call a cold-frame (low walls of wood or brick supporting some glazed sash) is a miniature greenhouse without any artificial heat. Every grower should know the great value of them and how much they add to his capacity for raising many plants and temporarily increase the area of his glass. There are times, especially with the man who raises bedding plants, when his place is fearfully congested and the addition of another thousand feet of bench room is the greatest relief.

Cold-frames are used for many purposes. In the fall and winter for pansies, to store away hybrid perpetual roses, to winter pot carnations that are wanted for next summer's bloom, to winter many herbaceous plants that have been raised from seed the previous August, to protect Roman hyacinths, and also the Dutch hyacinths are as well under glass where they don't get so wet, and the severe frost does not crack the pots.

Some of our common little vase plants we winter in cold-frames, viz.: the sedums, *lysimaehia* (money vine) and the variegated *glechoma*. In the spring these frames are of still greater use; not only do they relieve our crowded benches, but many plants do far better in them than in a greenhouse. In the frames you have perfect light, an abundance of air, and on fine warm days the sashes can be removed when full exposure to sunlight and air can be given.

Carnation growers can put their young plants into the cold-frames about April the first and a few weeks in them will condition the plants for the open field much better than a lofty hot house. By the middle of April all the annuals in flats or planted can go into the cold-frames, and many of our bedding plants will be greatly benefited by a few weeks in the cold-frames. It is a far better place for geraniums than a shaded house without fire heat.

In the summer, without the sash, we find great use for the frames for plunging out our azaleas, acacias, hardy roses and many plants that are kept in pots during summer. Boards fastened up to keep your plunging material in place may do as well, but the frame is all ready to hand.

I had forgotten one very important use and that is for the longiflorum lilies in the fall. Both the Bermuda and the Japan grown are potted and placed in the cold-frames, and in case of very heavy rains are much better covered with the sash. Those you keep for Easter and later flowering must be kept in the frame till New Year's or later, and there is where your cold-frame will come in right, in fact is a necessity.

The ground on which these frames are stood should never be in a place where surface water will stand, even if only during heavy rains. If it is not a naturally dry position make provi-

sion to carry off the rains from the surrounding surface. Where a large lot of sash is used for this purpose some of the frames at least can be permanent. By that I mean they can be built of cedar or cypress posts (4x4 is a good size) driven into the ground every 8 feet for the back and front line of the frame, which can be any desired length. I have one of 30 sash in length devoted to violets. Where they are built to fixed posts in this way it is best to use 2-inch plank for the walls. Where the frame is movable and is made in length to fit three or four sash, one inch lumber will do. The sashes are made of various sizes, but it is wrong to have them an awkward size; 6 feet long by 3 feet 6 inches wide is large enough, and some prefer 3 feet wide.

For a great majority of our frames, whether permanent or portable, the height at back is 18 inches and the front 12 inches, giving the sash a slope of 6 inches to the sun; that is plenty. For a few larger plants we have some frames that are 2 feet at back and 18 inches in front. I prefer the cypress sash, butting the glass. Always use double thick glass; these sash get a good deal of handling and occasionally one blows off in a gale. They run risks of breakage far more than a fixed roof; they are moved repeatedly to ventilate and are raised to enable you to water, so the double thick glass will save the extra price in glass in one year.

Always have a rafter for every sash to rest on and slide on. They are very simply made by nailing a piece of pine 2x1 on to another piece of pine 4x1, and have a hook and eye for every sash, to keep them from blowing off in a storm. There are always enough spare sash in the dark winter days so that you can overhaul the whole lot, mend them where needed and give them a coat of paint. And then when you put on the sash over a young batch of carnations there won't be a glass out in each sash, which you often see decorated with a piece of board, and which blows off to make a hole in the next sash, to chill or drown out the plants beneath, to disseminate profanity and vex all around. Some men may take all the little accidents that ensue from neglect quite placidly, but depend upon it when they do they are sluggish, good natured fellows that won't get far ahead.

A hail storm that knocks out all your glass is no cause to get irritable. The writer has been through it and knows how it feels. It can't be helped, no power could hinder it, and therefore you should be cheerful and clean up and find out the best place to buy glass as quick as possible. But these so-called accidents which are purely neglect are what vex a man.

A good part of your frames should be made to take four sash, because they are what are used on the hotbeds. You seldom need those deeper than 18 inches by 1 foot and the ends should be fastened to a 2x4 post in the four corners. All sash should have a strip

of iron running across the middle on the underside, to which each bar should be fastened with a screw. It helps greatly to strengthen the sash and keep it from winding. The strip of iron can be $\frac{3}{4} \times \frac{1}{4}$ inch. In summer when of little use see that the sash are laid or stood on timbers, off the ground, not winding, and that a door or some such thing be stood up and tacked to the last one covering the glass, so that your sons or sons' friends when showing you how they can curve a ball will be satisfied to break the windows in your barn and not go through three or four depths of sash.

POINSETTIAS.

A subscriber wants to know "how to grow poinsettias for Christmas flowers." This has been well exploited in these columns several times. I will say now that any further propagation would not be advisable. The plants you have should get their last shift not later than the end of this month. Give them the lightest bench you have and never let them get a chill. Sixty is as low as they should ever be at any time. They want watering freely, but it should always pass through quickly.

We grow poinsettias largely to sell in pots. If flowers only are wanted then bed the plants out in five or six inches of good rich loam where there is four or five feet of head room. You will get larger flowers and more perfect foliage when planted out.

Green fly troubles the poinsettia, but smoke does no harm to the plant. Mealy bug is very often seen among the true flowers at base of bracts, but if syringed whenever you water they won't make any headway.

For fuller details of their culture refer to the "Florists' Manual," which I promise you will soon be complete. It is hard work, but we are getting there very fast now. We started off slowly and made poor running for a long time as there was no other competitor to urge us on. But now we have entered the home stretch and the winning post is plainly in sight, and we trust when unsaddled there will be a big feed of oats awaiting us.

WM. SCOTT.

THE FALL ARMY WORM.

Chicago and vicinity has been overrun by the "fall army worm" or "grass worm" (*Laphygma frugiperda*). The moth lays its eggs most anywhere, even on stone walls, and Mr. Oswald Uhlig, gardener for R. W. Rathbone, brings us, among other curiosities, an old horseshoe upon which eggs had been thickly deposited.

In some cases the moths have laid their eggs on plants in the greenhouses and growers are apprehensive as to future results.

Prof. L. O. Howard, government entomologist, Washington, writes us: "I do not believe that the hydrocyanic gas treatment will destroy the eggs on greenhouse plants. It is altogether

likely that these eggs will hatch this fall, in which case extensive arsenical spraying will kill the newly hatched larvae. The insect seems to hibernate either in the pupal condition under ground or in the larval state, depending upon the season and the geographic location."

NEW YORK.

The Dewey Welcome.

New York is Dewey mad and we have neither apology nor excuse to make. His home coming is the topic of the day, and night, too, and the city is being decorated for the event in a manner to surpass anything ever attempted before! Never in the history of the country have there been so many flags bought with a view of waving the "Old Glory" on those days, and the grand triumphal arch being built at Madison Square is admitted to be the finest example of sculptural architecture ever seen here. It alone is worth coming miles to see.

It is difficult to prophesy the effect all this will have on our business. Surely the great armies of visitors here for the occasion should increase the demand for flowers before and after the celebration. It is positive that the people will be too excited to think of flowers when the days come, and for that reason it is to be hoped there will neither be "pickled stock" nor open stores to consider, when every good citizen here will be crazy to get a look at the hero of Manila.

It is possible a large quantity of laurel roping may be used, but so far no floral demonstration is provided for, and this is to be regretted. The most popular badge to wear points towards small silk flags. There will be some very fine examples of decorative art shown, which it will be well for florists to make note of. Any prominent point of vantage along the route of parade commands extraordinary prices, but the chances are you can see the fun some place, at least you can make yourself be heard; better come along, you'll scarcely see the like again.

Flowers at Vanderbilt Funeral.

The death of Cornelius Vanderbilt, which occurred here last week, has thrown a deep shadow over the elite flower trade of this city. The Vanderbilt family and connections is all-powerful here, and many of the most brilliant events planned for the season have been put off. This will come hard on a few of our fashionable florists.

The flowers used at the funeral, despite the wishes of the family, were numerous and of a quality commensurate with the great wealth of the deceased. Wreaths of orchids were the predominant design, and these were immense and very beautiful. One broken column of solid white carnations and garland of cattleyas made a prominent feature. There were numerous

pillows and crosses, but they made a poor appearance alongside the imposing wreaths. A great many hundred *Cattleya labiata* were used in the work, both on the casket and in the designs, and though Thorley had charge of the family orders, several other florists had a good slice of the emblems sent.

Exhibitions.

It seems that the only flower show to be given in the vicinity of New York this November will be the one at Tarrytown, which promises to be one of the best in the country. New York is out of the show business, unless some "crazy" enthusiast dares to suggest a small one at some meeting of the Florists' Club. New York is so accustomed to the nice quiet way of gliding along that anyone who suggests an awakening in any form is suspected of being fit only for Bellevue. What a beautiful state of affairs for the grand metropolis of the United States!

Oh, by the way, we will have a show—a fine new range of glass covering nearly 23,000 square feet, built on the most approved plans by the Lord & Burnham Co., has been erected down in a hole by the city, in Central Park, 108th street and Fifth avenue. Several hundred chrysanthemum plants, etc., will be on exhibition there during November. What a sorry contrast to Schenley Park and the Chicago conservatories.

Here we have been years and years waiting for a greenhouse where a lady could be invited to walk in, and when we get it 'tis put in a hole where it cannot be seen. What is the cause? Ultra-natural-landscapeism; a catering to the whims of a few nonentities, or a deliberate disregard for the majority of the population. It's a funny world, and the more we analyze it the more sickening it becomes. There's consolation in the thought that Heaven will not be laid out according to "plans."

The American Institute will hold a fall Flower, Fruit and Vegetable Show at the Berkeley Lyceum, 21 West 44th street, from Sept. 26th to Sept. 29th. There is usually a good display of dahlias at this show, and if you are in town a visit will repay you.

The Bowlers.

A meeting of the New York Florists' Bowling Club was held at the alleys on Monday night. The election of officers for ensuing year resulted as follows: President, P. O'Mara; vice-president, Theo. Roehrs; secretary, J. W. Withers; treasurer, Alex S. Burns; captain, Frank Traendly. The present alleys were engaged for the season and the dues were fixed at one dollar per month. President O'Mara offered a new ball and case to the member knocking down the greatest number of pins during the month of October. The captain was empowered to make arrangements with the Flatbush bowlers for the deciding game or "rubber" between the two teams, which event

will probably take place in the near future. Scores rolled during the evening were:

A. Burns.....	155	127
J. Manda.....	133	115
W. Siebrecht.....	119	198
W. Marshall.....	135	146
T. Roehrs.....	190	166
T. Lang.....	182	137
F. Traendly.....	136	197
J. Withers.....	108	97
S. Butterfield.....	91	103
P. O'Mara.....	168	128
C. Schenck.....	119	136
W. Bartholomae.....	113	169
A. Schultheis.....	147	119
O. Owens.....	80	

THE ROUNDER

CHICAGO.

The Market.

Roses are coming in "less reluctantly" and the quality shows some improvement. Good roses bring from \$3.00 to \$5.00, only a few extras reaching the top figure, the great majority selling at from \$3.00 to \$4.00, and some at as low as \$2.00. American Beauties, \$1.00 to \$2.50 a dozen.

Colored carnations are rather scarce, especially good ones. The whites average better in quality and quantity. The price ranges from 75 cents to \$1.25 per 100, only a few reaching the top figure.

Asters are shortening up, except with McKellar & Winterson, who are receiving large shipments from an eastern grower.

New crop galax and leucothoe sprays are arriving; quite a large shipment was noted at E. C. Amling's.

Club Meeting.

There was a very good attendance at the last meeting of the Florists' Club. Four new members were added to the roll.

It was decided to have a floral float in the fall festival parade, and a committee, consisting of Messrs. Ches. Samuelson, John Gormley, P. J. Hauswirth, Walter Kreitling and Ed. Winterson, was appointed to make the necessary arrangements.

There is talk of the club having a ball in the near future, on the lines of the ones that were so successful in years past.

At the next meeting the question of offering a suitable special prize at the coming chrysanthemum show will be considered, and the preliminary steps will be taken in the arrangement of a program for the winter meetings.

Various Items.

P. J. Hauswirth has returned from an enjoyable eastern trip.

E. E. Pieser, treasurer of Kennicott Bros. Co., has returned from his Michigan outing with eleven pounds more avoirdupois and many pleasant recollections. G. H. Pieser, secretary, has now departed for a stay of a week or ten days at Lake City, Minn.

Mr. E. C. Amling is now fully recovered and looks "weller" than ever.

The bowlers will have a session at

Anson's tomorrow (Friday) evening. Ed. Winterson recently rolled up 1,958 in twelve games, an average of 163. He fails to explain why he didn't make that average at Detroit. "There are others."

Mr. Charles Klehm was married at noon Wednesday, Sept. 20, at Arlington Heights, and Miss Kirchoff is now Mrs. Charles Klehm. May the happy pair live forever in a field of paeonias and lily of the valley, with enough Novelty tulips and American Beauty wine to give variety.

ST. LOUIS.

The Market.

Stock is beginning to look better every day and the down-town people say that business is picking up and that transient trade has begun. There was also a little more life in the cut flower market the past week. The weather is delightful and cool. Still we need rain, as everything is very dry. Society people are beginning to return from their annual migrations to the summer resorts. The opening of our exposition the past week has made some business for the florists as a great many palms are used for decorating the different exhibitions, which are changed weekly.

Stock is by no means plentiful. In roses, Brides, Meteors, Kaiserins, Bridesmaids and Perles are coming in fine shape, but as yet with short stems. The best of them bring \$3 per 100; small sorts with very short stems are sold at \$1.50 and \$2. A few good Beauties are seen, but good, long, select Beauties are very scarce; price on stock in the market today is \$1.50 per dozen. Carnations are still short in supply and the demand good, price 75 cents and \$1 per 100. Housing carnation plants is progressing favorably, and all the growers have plenty of work before them just now. Asters are not overplentiful just now and only the large white, pink and purple are in demand; extra fine brings \$2, but the bulk of them go at 50 cents and \$1 per 100. Plenty of single tuberosa stalks at \$4 per 100. Smilax is scarce.

Club Meeting.

The regular monthly meeting of the Florists' Club was not so well attended as it should have been, only twelve being present; mostly store men, the growers being too busy at home getting things in shape for their fall and winter's business.

The picnic committee reported a few tickets still out and the names turned over to the secretary, with instructions that they must make returns by next meeting. This committee was then discharged, as was also the railroad committee. The installation of officers was next in order. Fred Ammann, the president-elect, took the chair with a few appropriate remarks, saying that he hoped the attendance would improve and that the members

should all help to make this year a record-breaker. The other officers also took their chairs with a few remarks. A vote of sympathy will be sent to the family of our deceased brother, William C. Pape. The meeting then adjourned until Oct. 12, at 3 p. m., at which meeting President Ammann expects a large attendance and hopes to see all the Belleville craft on hand. After the adjournment the new president took all present to a place near by and a good time was had, with plenty to eat, drink and smoke. We drank to the health of the new officers and to their success while in office.

Notes.

John W. Kunz, formerly manager for the late Jordan Floral Co., will branch out on his own hook and will open a store at 504 Olive street on Sept. 25. The location is the best and we wish him luck in his new venture.

R. F. Tesson is back from his northern trip. Bob reports that he had a good time and that everything looks good for a good season's business.

The thirty-ninth annual St. Louis fair will open Monday, Oct. 2, and close Oct. 7. The association has offered to the florists \$350 in prizes for plants, cut flowers and designs, and a few of the florists have already made entries for competition. In speaking to John D. Ayers, the superintendent of the floral display, he says that this year he will make the exhibitors live up to the rule—that all cut flowers and designs must be on exhibition by 10 a. m. on the days named for their exhibition, or be ruled out. This will be strictly enforced.

Sunday we paid a visit to Mr. Johan at Collinsville, Ill. We found Mr. Johan at home enjoying the cool breezes under a large tree and praying for rain, which he got before we left. He now calls us the rainmakers. Mr. Johan grows carnations and violets only. In looking through his houses we found the carnations looking fine. Lizzie McGowan is the only white that is grown here. Portia and Jubilee are the reds. Daybreak and Scott in pink and only a few Chicago, Flora Hill, Armazindy and Eldorado. The violets, too, are looking fine and from the looks of things Mr. Johan will have a prosperous season. After enjoying a game of quoits with Mr. Johan and his son we had supper and after driving through the city we left for home, having spent a very enjoyable afternoon. J. J. B.

BUFFALO.

At last we have had a wet rain, one that has gone down. Since spring the few showers have only been dust subduers. Business has improved quite a little the past two weeks. Store openings, a few weddings and several prominent citizens passing away, have all been conducive towards a better trade. As a Dutchman of my acquaintance remarked yesterday: "People died last week what never died before."

Roses we can get and asters have been in good supply, but carnations are scarce and they are always wanted. How easy to have a few thousand plants growing and flowering now in the open ground and near enough to the hose to keep them growing and flowering. Although I do not believe in any water for the plants that you are going to lift; it is all right for those that you want to flower and leave for the winter to kill. We have a few hundred such plants and a few thousand would be much better.

Mr. C. F. Christenson has arrived home from his native Denmark, and although I cannot report on his appearance from personal inspection, we understand it is very fine. A fast and furious chat is in store.

Mr. W. A. Adams has returned from his ten days' honeymoon looking as cheery as the English sparrow in the green days of spring. Some of his friends thought that so much traveling had reduced his weight, but it struck me that what he had lost in latitude he had gained in longitude. He quickly settled down to business and has been the recipient of some good, solid orders since his return.

Crystal Beach is about closed for the season, which allows Treasurer Joseph H. Rebstock and Manager Steve Rebstock to devote their whole time to their extensive business.

Wm. Kasting has returned from Pittsburg after selling his branch business in that city, and will now devote all his time and energy to his business here, which is a large one and can with William's talent be made still larger.

There has been no drummers call for a long time and so we are deprived of our little joke, but facts are more relished than jokes by the ponderous wise, and for them I will say that the deeds and leases of the site of the Pan-American are all signed and actual work has begun. Time it was. Let us hope now it will hum with energy and without jobbery to its completion. Actual work will again enthuse our spirits. W. S.

PHILADELPHIA.

The cut flower stores report a decided improvement in business over last week, with the supply equaling the demand. The flower buyers continue to return from their summer homes.

Pennock Bros. are repainting and remodeling their entire store. When finished it promises to be the finest store of its kind in this city.

Wm. Moore, formerly with Robert Craig, has gone into the wholesale cut flower business for himself on South Sixteenth street.

We notice on the streets a new H. A. Dreer delivery wagon.

Among the visitors the past week we noticed Mr. Geo. Stunapp, New York City; Mr. H. Humphrey, in the interest of Chas. Thorley, New York City; Mr. H. was in the market for four or five hundred dollars' worth of palms and decorative stuff, which we are pleased

to hear he was successful in finding. We also noticed Mr. Fred Lemon, of E. G. Hill & Co., Richmond, Ind. Mr. and Mrs. Lemon have been sojourning at Atlantic City for a few days.

We met Mr. J. A. Peterson, of Cincinnati, Ohio, last week. He was in the best of humor as he had just booked an order for some four hundred *Adiantum Farleyense* in 5-inch pots, which he grows exceptionally well.

Prices are ruling about as follows: Brides, Maids, Meteors and Kaiserins, \$3 to \$5 per 100; Beauties, \$1 to \$2.50 per dozen; carnations, 75 cents to \$1.50 per 100; valley, \$3 to \$4; gladiolus, \$2 to \$3; tuberose, \$1 to \$2; asters, 75 cents to \$1; *Adiantums*, \$1; asparagus, \$50; smilax, \$15 to \$20.

Mr. G. A. Strohleim has just returned from an extended European tour in the interest of H. A. Dreer. Mr. S. reports that the most striking things seen in his travels in the way of flowering plants are the new hybrids of *Clematis coccinea*, which he had the pleasure of seeing in flower, hence he speaks from personal knowledge. He claims they can not help but become useful as a commercial plant from the fact the flowers are produced on a long, stiff stem, and are of great substance, sufficient to remind one of a *lapageria*. They are also very free flowering and comprise the following colors: Violet, purple, bright pink, pale blush pink, bright rosy carmine.

R.

PHILADELPHIA SHOTS.

The Florists' Gun Club held its monthly handicap shoot Sept. 12. The day was fine, but a strong wind made the shooting difficult. The conditions were 25 targets known angles and 25 targets unknown angles, with a handicap added to the score. George Anderson made high score at the known angles. W. H. Wolstencroft broke the highest number of targets at the unknown angles, but Park passed him, aided by his handicap. The scores:

	Known.	Unknown.	Hdp.	Total.
Park	23	21	14	58
Jones	15	15	20	50
Bell	22	16	12	50
Harris	21	18	11	50
McKarahe	20	13	16	49
Craig	19	9	20	48
Anderson	24	18	6	48
Wolstencroft	23	23	2	48
Westcott	16	12	19	47
Parsons	19	15	13	47
Smith	20	18	7	45
Cartledge	17	18	9	44
Dorp	16	9	19	40

Points won to date—Anderson, 5; Bell, 5; Harris, 5; Wolstencroft, 4; Ball, 4; Burton, 3; Smith, 3; Dorp, 3; Coleman, 3; Jones, 3; Park, 3; McKarahe, 2; Cartledge, 1; Craig, 1.

Team match, unknown angles.

	Hits.		Hits.
McKarahe	13	Craig	16
Bell	17	Cartledge	16
Jones	16	Westcott	14
Harris	29	Smith	20
Dorp	19	Parsons	17
Anderson	21	Park	20
Total	196	Total	103

INDIANAPOLIS.

Various Items.

The weather we have had the past few weeks has been very changeable; from extreme heat to nearly frost, and together with drought has not been beneficial to flowers, consequently there will be a scarcity before long. Asters are still on the market, but they have seen better days.

Notwithstanding the lateness of the season there is considerable building going on. John Rathsam is building a house, 95x20, on Highland avenue and North street. He has sold his stock at his old place, which he had leased, at the corner of Twenty-fourth and Broadway, to Huber & Stiltz.

Huber & Stiltz are also making improvements by adding several new houses and a new boiler. They are both young men and all the boys wish them luck in their new venture. E. Anghinbaugh is building a new house on Washington boulevard. J. J. Vondersaar is remodeling his place on Madison avenue and has put up a fine office.

The last meeting of the club was poorly attended, as the weather was too hot. The next meeting will be held at the storerooms of Huntington & Page, and a full attendance is desired.

Some of our florists are making great preparations for their exhibits at the State Fair, held here this week, and some lively competition is looked for.

Recent visitors: E. G. Hill, Richmond, Ind.; Herbert Heller, New Castle, Ind.; James Gurney, superintendent of the Shaw Botanical Garden, St. Louis, Mo. Mr. Gurney visited our city greenhouses and our park system, and was struck by the beauty of a bed of *acalypha* in University park; it was a variety that he had not seen for years.

Mr. Wm. G. Bertermann is off on his vacation and has gone to the lakes.

Bauer & Smith, of the Columbia Place Floral Co., are cutting some fine asters. FRED.

CYTISUS.

[From the Florists' Manual, by William Scott.]

These are often called genista, but *cytissus* is the correct name, of which the beautiful tree or shrub *Laburnum* is one. They are profuse blooming, branching evergreens. Small plants in 4 and 5-inch pots are most useful, but a limited number of the larger plants are very fine for decoration. Their bright yellow color, the plants covered with flowers, makes them very attractive, but we do not consider them at all a good house plant, the leaves and flowers soon dropping, and the reason must be the dry air of the room.

Any ordinary loam with a little rotten manure will grow them. They are sometimes troubled with red spider but never when they are kept syringed during the summer.

They root readily from the young

growths in February and are pinched and grown on by shifting during summer. We never plant them out because they lift badly. Keep them under glass and keep them plunged on a bench where there is very little shade. To make compact little plants they want their strongest shoots often stopped, the last stopping or clipping should not be later than December. In winter they can be kept in a very cool house; 40 degrees at night will be plenty.

They are of most use as an Easter plant and if not kept very cool will be too early for Easter unless that festival comes on an early date. Un-sold plants can be sheared off and if kept warm and syringed will soon make a fine growth, and when shifted they can be plunged outside in summer and will want at intervals an occasional clipping. They can be made very round, compact, handsome bushes or allowed to grow more freely if you wish.

Canariensis is a trifle darker than *racemosus* but the latter is the best grower and best plant.

THE LETTER D.

Under the letter D Mr. Scott treats fully in the Florists' Manual of the following important subjects, each article being freely and handsomely illustrated:

- Dahlia.
- Decorations.
- Decorative Material (wild).
- Decorative Plants.
- Deutzia.
- Dianthus.
- Dracaena.
- Drainage.

THE GLASS QUESTION.

The suggestion made at Detroit that florists combine together and establish a glass factory of their own has brought out considerable comment in the daily press. In this connection the Philadelphia Public Ledger prints the following editorial note:

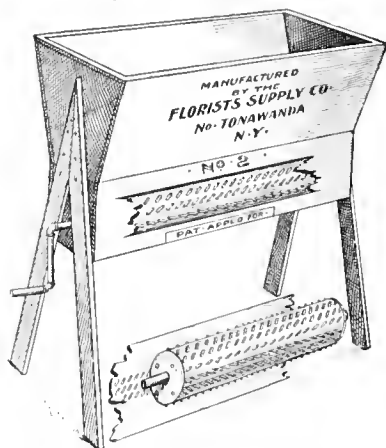
The action of the associated florists, who threaten to start a glass factory of their own because of the high prices charged by the trusts for an article of which they are among the largest consumers, may indicate the ultimate fate of all the trusts. Their victims will turn and either manufacture their own goods or find some cheaper means of procuring them, and then the trusts' inflated profits on inflated stock will disappear. With both business and politics working against them, the day of the trusts is likely to be short.

PLEASE SEND US a correct list of the names and addresses of the florists who receive their mail at your postoffice and thereby oblige.

IT WILL BE to your advantage to mention The Florists' Review every time you write an advertiser.

IF YOU HAVE anything to sell to the trade, offer it in an adv. in The Review.

HUNDREDS of Florists are using our Pulverizers.
You can regulate it. Send for list of testimonials.



Patent applied for

No. 1, \$5.00; No. 2, \$10.00; No. 3, \$15.00.
THE FLORISTS' SUPPLY CO.,
North Tonawanda, N. Y.

Mention The Review when you write.

WE WOULD LIKE very much to have a complete and accurate list of the names and addresses of the florists of America and to this end will ask each subscriber to kindly send us an accurate list of those in the trade in his or her city or town. By complying with this request you will confer a great favor on the publishers.

Greenhouse Woodwork

Open-air-dried Cypress Lumber is more durable, and better suited to Greenhouse conditions than kiln-dried stock. But you cannot get it from those that are engaged in the business in a small way—even though their entire business is confined to greenhouse material—for it takes a long time for the lumber to thoroughly dry and this means an investment in lumber that only those of large capital can make. The only way to have air-dried lumber is to buy green lumber and hold it until it dries. Those that order dry lumber from the producers of Cypress get kiln-dried stock. It is cheaper for them to kiln-dry than to hold the stock long enough to season it in the open air. We carry a large stock and fill all orders with open-air-dried Cypress clear of knots, sap and all other defects.

WRITE FOR CIRCULARS
OR ESTIMATES.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

Roses, Carnations and Violets.

Bridesmaids 3-in. stock	.....	\$5.00 per 100
Meteors, 2½-in. pots	.....	4.00 "
Kaiserin, 4-in. pots	.....	8.00 "
Violets in 2½-in. pots	.....	3.00 "
Field Grown Carnations, ready after Sept. 1st,		
all the leading varieties, \$5.00 a 100, \$10.00 a 1,000.		
Field Grown Violets, 5,00 "	40.00 "	

WM. F. KASTING, 481 Washington St., Buffalo, N.Y.

Mention The Review when you write.

DRACAENA INDIVISA CLUMPS.

From open ground, fine stuff, ready for 6, 7, 8-in. pots, at 10c, 15c and 20c each.

SMILAX, Fine 2-inch stock,
\$1.25 per 100, \$10.00 per 1000.

The Exotic Nurseries, J. B. HEISS, DAYTON, OHIO.

Cash with order.

Mention The Review when you write.

SEND IN YOUR ORDER NOW
for a copy of the.....

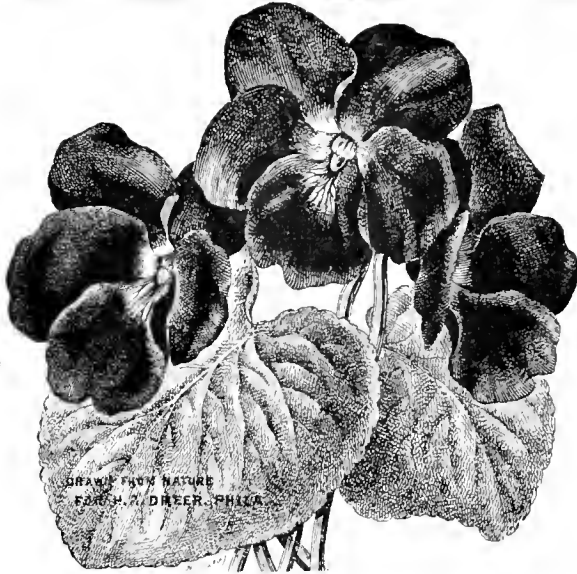
Florists' Manual,

BY WILLIAM SCOTT,

A whole library for Commercial Florists in one volume.

PRICE, \$5.00.

YOU WILL SURELY WANT THIS GREAT REFERENCE BOOK, NOW
NEARLY COMPLETED.



DRAWN FROM NATURE
BY H. A. DREER, PHILA.

FIELD-GROWN CLUMPS OF SINGLE VIOLETS....

We offer a fine lot of strong, healthy, Field-Grown Clumps of Single Violets.

LA FRANCE. The latest introduction in single varieties, best in color, freest in blooms of good size and deliciously scented.
\$1.25 per dozen. \$10.00 per 100.

**Admiral Avellan,
California,
Luxonne,
Princess of Wales,**

**GOOD STANDARD SORTS,
STRONG CLUMPS.**

\$1.00 per dozen.
\$8.00 per 100.

Our new **Quarterly Wholesale List**, offering a full line of seasonable stock of Plants and Bulbs, has just been mailed, advise us if you failed to receive a copy.

**HENRY A. DREER,
PHILADELPHIA.**

714 Chestnut Street,

Mention The Review when you write.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—At once, single man to take care of section of rose and carnation houses. Reinberg Bros., 51 Wabash Avenue, Chicago.

FOR SALE—A bargain, if taken at once. \$150.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

WANTED—Assistant foreman, must be good, rapid propagator, capable of taking charge of plant department. Address Crabb & Hunter, Grand Rapids, Mich.

WANTED—To rent, a few small greenhouses, must be on the North Side, Chicago. Address 20, care of Florists' Review

FOR SALE—3,000 ft. of 1 1/4-inch steam pipe, in good condition. Price 5 cents a foot. M. A. Magnuson, 3309 Northwestern Ave., Chicago.

FOR SALE—Two large ice boxes, for retail business, connected with arch, hand carved oak, finished all around. Counter and show case to match. Cost \$850.00 to make, will sell for \$225.00. In first class condition. Address H. S. Tucker, Indianapolis, Ind.

FOR SALE OR RENT—Cheap, a piece of land near Concordia Cemetery. A splendid location and an excellent opportunity for a florist to work up a good paying business. Henry Haertel, 176 Madison St., Oak Park, Ill.

SITUATION WANTED—Commercial or private place, by single man, 24 years old; 4 years' experience; good references. Address Emil Lauba, 343 Wells Street, Chicago.

FOR SALE—Old established florist business, 638 Washington Street, Hoboken, N. J.

SITUATION WANTED—As assistant; greenhouse work preferred. Address Assistant Gardener, 606 North Broadway, Yonkers, N. Y.

FOR SALE—Greenhouse, barn and house, 4,500 ft. of glass; first class retail stand in a Massachusetts city; reason for selling, going into other business. Terms to suit buyer. Price \$3,500. Address Business, care of Florists' Review.

FOR SALE—Four greenhouses, 11 x 100 ft.; heated by hot water; well stocked with carnations, smilax, roses, lilies and chrysanthemums; doing a paying business, retail and wholesale; city water all over place. Bargain for the right person. Enos H. Daly, Rahway, New Jersey.

A LARGE CONCERN wishes to correspond with Manufacturers and Importers of Florists' Supplies. Address correspondence to J. T., care this paper.

Always mention the Florists' Review when writing advertisers.

M. RICE & CO.

NEW ILLUSTRATED CATALOGUE FOR THE ASKING.

Exclusive Importers and Manufacturers of **Florists' Supplies**

918 Filbert Street, PHILADELPHIA, PA.

Mention The Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

DUTCH BULBS

and

LILY OF THE VALLEY PIPS

For FORCING and OUTDOOR planting.

Florists and Dealers are invited to send for Trade List, now ready.

J. M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention the Review when you write.

FOR SALE at the price of OLD IRON

Eight No. 8 (enlarged) **FURMAN BOILERS.** Particulars on application to

AMERICAN ROSE CO., WASHINGTON, D. C.

Mention The Review when you write.

Asparagus Sprengerii,

2 1/2-inch pots.....per 100, \$6.00

ASPARAGUS TENUISSIMUS, 2 1/2-in. pots, " 4.00

CAREX VARIEGATA, " " 5.00

BEGONIA REX, 3-inch pans..... " 10.00

" " 3-inch pots..... " 5.00

PRIMULA (Chinese), OBCONICA FRIMBRIATUM and OBCONICA HYBRIDUM, 2-inch pots.....per 100, 2.50

3-inch pots..... " 5.00

CYCLAMEN, finest strain, in 4 colors, 2 1/2-inch pots..... " 5.00

All of the above plants are in fine condition and are sure to give satisfaction.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

Perry Watson & Co.

CALIFORNIAN SEED HOUSE

—SPECIALTIES—

Onion Seed	Sweet Peas	Lima Beans
Lettuce	Cosmos	Salt Bush
Celery	Hollyhock	Bromus Grass
Carrot	Verbenas	Bermuda "
Salsify	Asters	Johnson "
Parsnip etc.	Mignonette etc.	

ALL CALIFORNIA GROWN. WHOLESALE ONLY.

SACRAMENTO CALIFORNIA

Mention The Review when you write.

IF YOU have any surplus stock to offer to the trade remember that you can sell it most quickly and cheaply through an offer in the Review's Classified Plant Advs.

Always mention the Florists' Review when writing advertisers.

OMAHA, NEB.

At a meeting of the Nebraska and Iowa Florists' Society, at Omaha, Thursday evening, Sept. 14th, the following vote of thanks was extended to the Detroit Florists' Club:

"Resolved, That we tender our sincere thanks for the elaborate entertainment of our delegates during the meeting of the S. A. F. convention in Detroit, in providing fine trolley rides, boat rides, fish suppers and other numerous entertainments. We thank one and all most heartily, and will always cherish the memory of the delightful time we experienced in Detroit.

"Resolved, That our secretary be instructed to send a copy of these resolutions to the Detroit Florists' Club."

The following vote of thanks was extended to the Chicago Florists' Club:

"Resolved, That we, the Nebraska and Iowa Florists' Society, in session, herewith tender our most sincere thanks for the kindness extended to our delegates to the S. A. F. convention at Detroit by the members of the Chicago Florists' Club in providing all necessities for the inner man, also music and amusement on the journey from Chicago to Detroit, which will long be remembered and highly appreciated; and that a copy of this resolution be sent to the Chicago Florists' Club."

LEWIS HENDERSON, Sec'y.

CATALOGUES RECEIVED.

E. H. Hunt, 76 Wabash ave., Chicago, price list cut flowers; Geo. M. Carter, Evergreen, Ala., decorative evergreens for Christmas, Easter and all social occasions; W. W. Rawson & Co., 12 Faneuil Hall Sq., Boston, Mass., seeds, bulbs and plants for market gardeners and florists; F. Banning, Kinsman, O., price list new hybridized gladiolus seed; Mrs. M. E. Patterson, Glendale, Cal., price list of choice cultivated cacti and succulents; Williams & Sons Co., Batavia, Ill., price list of florists' and nursery supplies; Barr & Sons, 12 King street, Covent Garden, London, England, price list of hyacinths, tulips, narcissi, crocuses, gladioli and all the best bulbs and tubers; Jos. Bancroft & Son, Cedar Falls, Iowa, catalogue of plants for fall and winter blooming.

PITTSBURG.

G. L. Huseroff & Co. have purchased the wholesale cut flower commission business of Wm. F. Kasting & Co. here and will continue same.

Mr. Kasting has returned to Buffalo after disposing of his interests here.

For Sale == Carnations.

Silver Spray, Portia, Scott, Daybreak, Tidal Wave, \$3.00 per 100, \$25.00 per 1000.

1000 PRIMULA, 2-inch, \$2.00 per 100.

JAMES C. MURRAY,

401 Main Street, - - - PEORIA, ILL.

Mention The Review when you write.

.....115,000 FIELD-GROWN.....
CARNATION PLANTS.

Our plants are very large and stocky, perfectly healthy, free from dry leaves, etc.

	Per 100	1000		Per 100	1000
WM. SCOTT, - -	\$4.00	\$30	DAYBREAK, - -	\$5.00	\$45
McGOWAN, - -	4.00	30	ANNA WEBB, - -	5.00	45
PORTIA, - - -	4.00	35	JOHN YOUNG, - -	all sold.	
ELDORADO, - -	4.00	35	FLORA HILL, - -	"	
FISHER, - - -	4.00	35	NEW YORK, - -	"	

Our prices are very low and are for CASH only.

EDW. J. TAYLOR, Southport, Conn.

Mention the Review when you write

Primroses
 and
 Pansy Plants.

	Per 100	Per 1000
14,000 Obconica, 2 1/4-inch.....	\$2.00	\$18.00
44,000 Primulas, Alba Ruba and Mixed, 2 1/4-inch.....	2.00	18.00
4,000 Primulas, Japonica Alba, 2 1/4-inch.....	2.00	18.00
4,000 New Yellow Baby Primrose, 2 1/4-inch.....	10.00	90.00
24,000 Pansy Plants, Giant Flowering (large).....		5.00
14,000 Petunias, Double, 22 varieties, Mixed, 2 1/4-inch.....	3.00	25.00
1,000 New Geraniums, De Roo Mittig.....	per doz.,	1.20
200 Asparagus Plumosus, 6-inch, ..		3.00
1,000 Lycopodium Dent, 2 1/4-inch, per 100.....		2.00
1,000 Pelargonium - The Queen, 2 1/4-inch, per 10.....		3.00
1,000 True Maidenhair Fern, 2 1/2-inch, per 100.....		5.00

THE MORRIS FLORAL CO.

MORRIS, ILL.

Mention the Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

PANDANUS VEITCHII

6-inch pots, \$12.00 a dozen.
 7-inch pots, 18.00 a dozen.
 8-inch pots, 24.00 a dozen.

Stock is in excellent condition.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R. GERMANTOWN, PA.

Mention The Review when you write.

"TIME is money." You can save it of those in the trade who receive their advs. when in need of stock.

Herr's Pansies.

Plants in abundance from now until March, no danger of your order not being filled, and less danger of your not being pleased with the strain. It is the best in the market, the best Florists say so.

PLANTS ONLY.

Free by mail at 75c per 100; 250 for \$1.50; 500 for \$2.50. By express, \$1.00 per 1,000.

ALBERT M. HERR,

Lancaster, Pa.

Mention The Review when you write.

Zirngiebel Giant Pansy.

Seed is \$1.00 for trade pkt., or \$5.00 per oz.

Also plants of the above at the same rate as common varieties, \$5.00 per 1,000, securely packed to go any distance. Large transplanted plants, for winter bloom, at \$2.00 per 100.

DENIS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

PANSIES WORTH RAISING....

SEEDS - 3-16 oz., \$1.00, 1 oz., \$1.00.

PLANTS - By express, 500 for \$2.50; 1000 for \$4.00. Cash with order.

G. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.

Mention The Review when you write.

PANSIES.

The Jennings' strain large flowering. PLANTS now ready. All colors finest mixed, by mail, 60c per 100; by express, \$1.00 per 1000. SEED of above, \$1.00 per pkt., \$5.00 per oz.

Cash with order. E. B. JENNINGS, Lock Box 254, Southport, Conn.

GROWER OF THE FINEST PANSIES.

Mention The Review when you write.

CARNATIONS...

FIELD GROWN, AT STOCK.

Scott, Flora Hill, Portia, McGowan, Ivory and Pierson; also a few Harrison's White, Rose Queen, Goldfinch and Morello. Plants in two sizes: medium \$5.00 per 100; large \$5.00 per 100.

CRABB & HUNTER, - Grand Rapids, Mich.

Mention The Review when you write.

PLEASE SEND us an accurate list of those in the trade who receive their mail at your postoffice.

Field Grown Carnations..

September delivery and later.

We have a very large stock, including

G. H. CRANE, MACEO, GLACIER, and MRS. JAS. DEAN, in good, healthy condition.

Send for Price List.

F. DORNER & SONS CO.,
La Fayette, Ind.

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CARNATIONS....

FIELD GROWN PLANTS.
Medium to large.

Per 100	Per 100
Melba.....\$12.00	Storm King.....\$5.00
Jubilee..... 6.00	Wellesley..... 5.00
Albertini..... 6.00	Mrs. F. Joost..... 6.00
Pingree..... 6.00	Fire Fly..... 5.00
Mrs. Duhme..... 6.00	Argyle..... 5.00
McBurney..... 6.0	Evelina..... 7.00
Triumph..... 7.00	Empress..... 7.00
Hector..... 8.00	Wm. Scott..... 6.00
Armazindy..... 6.00	John Young..... 6.00
Portia..... 5.00	Uncle John..... 6.00

H. WEBER & SONS, OAKLAND, MD.

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Uncle John and McGowan, Wm. Scott, Rose Queen and Albertini, (Red) Dazzle, Variegated, Old Glory. We all know these are good reliable varieties that can be depended upon from start to finish. \$3.00 per 100, to clear the field quick.

12,000 Rose Plants occupy our propagating houses and must be moved at once to make room for 30,000 Verbena and Petunia cuttings. In order to move this stock quick we will fill orders at half value for thirty days. Every plant guaranteed as fine as you ever saw; out of 3 1/2 and 4-inch pots. Meteors, Brides, Maids at \$4.00 per 100, cheap at \$8. Same varieties, strong, 2 1/2-inch, \$3.00 per 100; \$25.00 per 1000.

PRINCESS PAULINE AGERATUM, the greatest novelty of the year fine pot plants, 50 cents per dozen, \$3.00 per 100. Cash with order, please.

South Side Floral Co., Springfield, Ill.

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DRACÆNA INDIVISA.

100 4-inch plants, cheap.

SMILAX, strong plants, 2 1/2-in., per 100, \$2.00

CARNATION PLANTS.

Per 100	Per 100
Genesee..... \$8.00	Tidal Wave..\$3.00
Flora Hill..... 6.00	Portia..... 3.00
Daybreak..... 4.00	Silver Spray. 3.00

GEORGE SOUSTER, ELGIN, ILL.

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Begonias...

ASSORTED VARIETIES, FROM TWO-INCH POTS.

\$2.00 per hundred.

EXTRA STRONG.

Pansies, Giant Trimardeau Strain ...	per 100, 50c; per 1000, \$4.00
Bellis Perennis, Giant Red, Snowball.....	50c; " 4.00
Geranium, Double New Life, 2-inch pots.....	per 100, 4.00
Heliotrope, Purple and White, 2-inch pots.....	" 2.00
Ageratum, Princess Pauline, 2-inch	" 2.00
Double Petunias, four fine varieties, 2-inch.....	" 2.00
Rose Geranium, 2-inch	" 2.00

15 extra plants for every 100 ordered. Terms: cash or C. O. D.

Grevillea Robusta, 2-inch pots, strong, per 100, \$2.50

EDWARD B. JACKSON,

SEND FOR PRICE LIST.

STAMFORD, CONN.

Mention The Review when you write.

4 Acres Field-Grown Carnation Plants, 100,000

Our Carnations this year are very fine. They have been grown with the greatest care, free from disease, and packed by our improved system of packing by which we can send to all parts of the United States in perfect condition.

WHITE CLOUD

\$2.00 per dozen, \$10.00 per hundred.

MAYOR PINGREE

\$1.50 per dozen, \$8.00 per hundred.

BUTTERCUP

C. A. DANA
CRIMSON SPORT
CAP. KING

ARMAZINDY
DAYBREAK
HELEN KELLER

STORM KING
JUBILEE
TRIUMPH

FLORA HILL
METEOR
ELDORADO

\$1.25 per dozen, \$6.00 per hundred.

MCGOWAN
BRIDESMAID

L. L. LAMBORN
PORTIA ALBERTINI

SWEET BRIER
WM. SCOTT

IVORY
MRS. FISHER

\$1.00 per dozen, \$5.00 per hundred.

PANSY PLANTS. Grown from extra choice seed of our own production and not surpassed in variety, size, beauty of coloring and freedom of flower by any others grown. 50 cents per hundred, \$4.00 per thousand.

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J. L. DILLON, BLOOMSBURG, PA.

FINE FIELD GROWN CARNATION PLANTS....

CHEAP FOR CASH.

2000 Bride of Earls court, extra fine.	
1000 Bridesmaid, "	
1000 Wm. Scott, "	
\$5.00 per 100; \$0.00 per 500; \$35.00 per 1000.	
1000 Helen Keller, good plants.	
2000 Lizzie McGowan, "	
1000 Wm. Scott, "	
\$3.00 per 100; \$13.75 per 500; \$25.00 per 1000.	

CHAS. AKEHURST & SON, White Marsh, Md.

THRIFTY FIELD CARNATIONS WITH PLENTY OF ROOTS.

Send for prices.

All the NEW and LEADING varieties.

GEO. HANCOCK & SON,
GRAND HAVEN, Mich.

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A SURPLUS

of Clean, Healthy Stock of No. 1 FLORA HILL FIELD-GROWN CARNATION PLANTS, at \$5.00 per 100, \$40.00 per 1000.

Victor, Empress, Bon Ton, at same price, McGowans, \$3.00 per 100, \$25.00 per 1000. Cash or satisfactory reference with all orders.

W. E. HALL, CLYDE, Ohio.

FIELD GROWN CARNATIONS.

BEST NEW AND STANDARD VARIETIES. Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

TELEGRAPH CODE.

In telegraphing orders to any of the wholesale dealers in cut flowers use the following code:

- Assume**—Do not answer if cannot fill order.
- Abrogate**—In case you cannot fill order, telegraph at once.
- Anticipate**—Answer at once, stating whether you can or cannot fill order.
- Ambitious**—If you can, only partially fill order, do so, and reply, stating what.
- Admiral**—Order must be sent on train mentioned only.
- Ambulance**—Want all of order filled or none, and prompt answer back.
- Adjacent**—If cannot send on train mentioned, next one will do.
- Affable**—Send prepaid by baggage master, if no express messenger on train.
- Decorate**—If cannot send all on train mentioned, send all you can, and send balance on next train.
- Admission**—This order is a substitute for my regular order.
- Dancing**—If cannot fill order exactly as specified, you may substitute according to your best judgment.
- Ancestor**—This order is an addition to my regular order.
- Durable**—Colored flowers must not be substituted for white.
- Affection**—Fill if possible, even at extra expense.
- Fabricate**—Flowers ordered are to be re-shipped to a distance, therefore buds must be cut specially close.
- Fortunate**—Select extra stock and charge accordingly.
- Devotion**—For cheap work, and can use second-class flowers, if at reduced price.
- Flattery**—If price has advanced since last quotation, do not send goods, but telegraph.
- Forgery**—This order countermands all previous orders.
- Formation**—Add these items to the order which you already have, but in case first order is already shipped, cancel this addition.
- Flamingo**—We are in a bad pinch; send us something to help us out, even if of poor quality.
- Floeking**—Have sent mail order; if not yet received, send following at once, and cancel mail order when received.
- Foraging**—This order includes all items previously ordered and wanted for this date.
- Superior**—Can use something especially fine, and am willing to pay accordingly.
- Skip**—If you are out, buy the best you can; we accept risk of getting "pickled" stock.
- Corporal**—If cannot send on night train, morning train will do.

THE CODE BELOW WILL BE USED IN ANSWERING YOU, WHEN NECESSARY.

- Elope**—Cannot fill your order to-day. Stock is scarce. Have tried to buy at other houses for you.
- Lecture**—Our store was closed yesterday when your telegram came. Received it this morning. Will ship by first train to-day, unless countermanded at once.
- Willing**—Cannot ship on train mentioned. Will send on next train possible to-day.
- Eclipse**—Will send part of your order. Balance scarce. Cannot get it at any price to-day.
- Artistic**—Cannot fill order to-day, if you want order filled (same order) to-morrow, wire us at once.
- Favorite**—Stock very poor, none better to be had. Will ship unless countermanded by..... o'clock.
- Fundament**—Stock named in this telegram has been sent, and balance, unless countermanded by telegram, will be sent on.....

KEEP THE DEALERS POSTED.

Keep the dealer from whom you order flowers fully posted as to the sort of stock for which you have the largest sale. Write him as fully as possible when you have time to devote to the matter. Keep him fully advised as to the needs of your trade. He will then know much better how to fill your telegraphic orders. He will know whether to send you the best in the market at the top price or to send you a fair grade at a more moderate price. The dealer is anxious to please you but often his information is meagre. Make this information as full as possible by mail and your telegraphic orders will be filled more to your satisfaction.

E. H. HUNT
THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

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Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders given prompt attention.

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Greenhouses at Hinsdale, Ill.

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Wholesale Florist,

19-21 E. Randolph St. CHICAGO.

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A. L. RANDALL

Telephone 1496 **Wholesale Florist**

4 Washington St., Chicago.

In our new and enlarged quarters we are better prepared than ever to handle your orders.

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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St., CHICAGO, ILL.

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BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St., CHICAGO.

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SMITH & SMITH,

Box 337 Sixth Ave. Pittsburg, Pa.

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Greenhouse Real Estate, and Pipe, Glass, Fittings, and other Greenhouse construction material.

We have an exceedingly good bargain---
Suburban Greenhouses and City Store-room. Write for particulars and price.

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Wholesale Growers of... **CUT FLOWERS.**

800,000 feet of Glass.
Headquarters for fine **AMERICAN BEAUTIES.**

51 Wabash Avenue, CHICAGO.

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Florists' Designs. A full line of supplies always on hand. Write for catalogue and prices.

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WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

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ELLISON & TESSON,

WHOLESALE SHIPPING

FLORISTS

3134 Olive Street, ST. LOUIS, MO
...Home Grown Stock...

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Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: **906 Grand Ave., KANSAS CITY, MO**
Greenhouses; Pleasant Hill, Mo.

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Cincinnati

Cut Flower Co.

W. A. MANN. FRANK W. BALL.

416 Walnut St. CINCINNATI, O. Wholesale Florists

Consignments Solicited.
Special Attention Given to Shipping Orders.

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HYDROCYANIC ACID GAS.

A subscriber who wants to use this gas to kill the eggs of the army worm in a carnation house asks for the method of using it. I am not at all sure it will kill the eggs of any worm, as they have no developed lungs. It is the breathing apparatus of insects that it shuts up. Here is the formula and how we used it:

One quart water.
 One quart sulphuric acid.
 Five oz. cyanide of potash.
 This is the quantity for every 1,000 cubic air space of the house. Have the cyanide done up in 5 oz. packages and have it wrapped in double thickness of strong paper.

Into a butter jar pour 1 quart of water and 1 quart of sulphuric acid. If you don't have butter jars the deep fiber flower vases will do very well.

It is much the safest to let the cyanide into the roof. If you are a good runner you might begin at one end of the house and drop the little paper parcel into each jar as you came along, but it is hardly safe, and is best done by a string through the ventilator. In a few moments the house is full of the deadly gas.

In twenty-five minutes open the ventilators, or some of them; you can always make some provision for doing that.

Remember that the gas is deadly to everything that breathes, yourself included, and that the greatest caution should be used to keep every living thing out of the house except the plants and the insects you want to kill.

W. S.

GLAZING WITH PUTTY BULB.

I should like to know through the Florists' Review, what proportion of material and kinds are used in mixing putty for reglazing with the putty bulb.

INQUIRER.

Use one-third putty, one-third white lead and one-third boiled linseed oil, by measure, not weight. First mix the putty and oil thoroughly, then add the white lead. Strain before using, to remove lumps and skins. If the weather is cold and the mixture runs thick, add a small quantity of benzine or turpentine.

S.

INDIANAPOLIS, IND.—The green-houses at the Central Hospital for the Insane are to be completed at a cost of \$4,500.

BROOKLYN, N. Y.—Lord & Burnham Co. have been awarded the contract for a conservatory, 50 feet wide, 100 feet long and 46 feet high, to be erected in Prospect Park. The contract price is \$17,800.

WACO, TEXAS.—The Texas State Floral Society will hold its fourth annual chrysanthemum show in this city Nov. 15 to 18 next. Miss Bella Beer is corresponding secretary.

5,000 Begonia Rex and 5,000 Primroses, EXTRA FINE.

POT PLANTS.

Farquhar Violets, 2½-inch.....	\$3.00 per 100	Primrose, Choese, 2¼-in., Extra Fine strain.....	\$3.00 per 100
Double White Stock, 2-inch.....	3.00	Manettia bicolor, 3-in.....	6.00
Forget-Me-Not (Winter Flowering), 2½-inch.....	4.00	GERANIUMS —2¼-in. Sweet Scented.....	
Begonia Rex, assorted, 2¼-inch.....	4.00	Mrs. Pollock, Pansy.....	4.00
" named.....	6.00	Mrs. Parker.....	6.00
Lemon Verbea, 2¼-inch.....	3.00	Happy Thought, 2½-in.....	4.00
Impatiens Sultana, 2¼-inch.....	3.00	Silver Leaf, 2½-in.....	4.00

ROOTED CUTTINGS.

GERANIUMS —Assorted.....	\$1.50 per 100	GERANIUMS —Mme. Sallerot.....	\$1.25 per 100
Mixed.....	1.25	Freak of Nature.....	4.00
Mrs. Happy Thought.....	3.00	Begonia Rex.....	2.00
Mrs. Pollock.....	2.00	" Incarnata Gigantea.....	2.00
Mrs. Parker.....	4.00	" Flowering.....	2.00
Silver Leaf, Rose Scented, Ivy.....	1.50	Impatiens Sultana.....	2.00
		Manettia bicolor.....	2.00
		Forget-Me-Not (Winter Flowering).....	2.00

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

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\$-1899- SAVE MONEY AND SPEAK QUICKLY -1899-\$

This offer only holds good as long as stock is unsold.

NARCISSUS , Paper White Grandiflora, extra fine.....	\$ 6.75 per 1000
ROMAN HYACINTHS , fine stock.....	14.00 "
LILIUM HARRISII , 5 7, all repacked.....	40.00 "

Terms net cash with order.

F. W. O. SCHMITZ, Importer, - - JERSEY CITY, N. J.

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Burpee's Seeds Grow

Forcing Roses.

BRIDE and BRIDESMAID, strong, 3-inch, \$3.50 per 1-0; 4-inch, \$5.00, to close out. Worth double the money.

HARKETT'S FLORAL NURSERY, DUBUQUE, IOWA.

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Headquarters for..... Ericas.

Buy your Ericas in September and October and bring them in bloom yourself. Save duty and ocean freight, etc. Run no risk of getting them dead from Europe. We have 25,000 growing. Come and see them. Palms and Decorative plants in quantity. New Price List will be ready Sept. 15th.

ANTON SCHULTHEIS, P. O. Box 78, College Point, NEW YORK CITY.

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CABBAGE PLANTS.....

Field grown, 15c per 100, \$1.00 per 1000, if by mail, add 10c per 100.

Write for prices on large lots for fall planting. Parsley. Strong plants, 35c per 100, \$2.50 per 1000; if by mail, add 20c per 100. Other Vegetable plants in season. Cash with order.

R. VINCENT, JR. & SON, White Marsh, Md.

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SEND IN YOUR ORDER NOW for a copy of the FLORISTS' MANUAL.

Fine Strong Plants FOR STOCK

Geranium Mme. Jaulin, 3-in., \$8.00 per 100. The Peach Pink Bruant.

Mme. de la Roux, all sold.
Abutilon Savitzi, 3-in., \$5.00 per 100. A grand bedding plant, grows dwarf and bushy—capital plant to use with Crotons

Russelias Multiflora and Elegantissima, 2½-in., \$2.50 per doz. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy.

Browalia Gigantea, all sold.
Acalypha Sanderii, all sold.

READY NOW.

THE COTTAGE GARDENS, Queens, N. Y.

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Do You Sell GARDEN TOOLS?

Send to us for cuts to show, in your next catalogue, the

"RAPID-EASY" Garden Weeder and the

"QUICK-AS-WINK" Hose Coupling, two good selling time and labor savers.

Samples at wholesale price. Descriptive circulars free.

THE W. J. CLARK CO., SALEM, OHIO, U. S. A.

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{ During the summer months, commencing July 3rd, will be open from 7:30 a. m. to 6 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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PITTSBURG CUT FLOWER CO., Ltd.
WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 705 Penn Avenue, PITTSBURG, PA.
FLORISTS' SUPPLIES. Write for Price List. Mention The Review when you write.

CHINESE PRIMROSES.

EXTRA STRONG. Ready for 3-inch pots. Well known throughout the United States and Canada as the finest large flowering fringed varieties grown.
SPECIAL PRICES. SINGLE AND DOUBLE, in choicest assortment of named colors. \$2.00 per 100, \$17.00 per 1000; 250 at 1000 rate. Extras added liberally to help pay expressage. Strictly cash prices.
THE HOME OF PRIMROSES. JOHN F. RUPP, Shiremanstown, Pa.
Mention the Review when you write.

COLD STORAGE Lily of the Valley, Fall 1899.

NOW IS THE TIME TO ENGAGE FIRST CLASS PIPS IN FINE CONDITION!
Cases are supplied with from 1000 to 1200 pips at \$14.00 per 1000.
Write for special prices for large quantities.
F. W. O. SCHMITZ, IMPORTER AND EXPORTER, JERSEY CITY, N. J.
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SOUTHERN WILD SMILAX,
\$2.00 per case. Covers 600 square feet of wall space. Discounts to the wholesale trade. Caldwell's has always been up to the top notch in quantity and quality the standard of excellence in every respect. I will keep it so. Terms cash with order, C. O. D. or prompt check on receipt of goods. No time; no discount. Speed a specialty. Open day and night.
Caldwell the Woodsman. Evergreen, Alabama.
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NATICK, MASS.
Sole control of
...LIBERTY ROSE...
for New England States.
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1840 Old Colony Nurseries, 1899
HARDY SHRUBS, TREES, VINES, EVERGREENS and PERENNIALS.
A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap.
Trade list free on application.
T. R. WATSON, Plymouth, Mass.
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S MILAX. 3-inch EXTRA STRONG PLANTS.
\$2.00 per 100, \$15.00 per 1000.
Cash with order.
ALBERT F. AMLING, Maywood, Ill.
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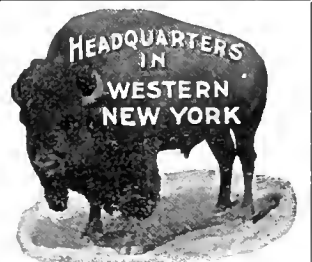
Galax Leaves...
For Summer Use in Cold Storage. Write the Introducer.
HARLAN P. KELSEY,
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Asparagus Plumosus
Strings 10 feet long. 50 cents. Shipped to any part of the country.
W. H. ELLIOTT,
BRIGHTON, MASS.
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NEAR THE FERRY.
Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.
Wall space for Advertising purposes to Rent.
J. DONALDSON, SECRETARY.
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Long's "Handy" Order Sheets
The practical leaders to correct order taking in hurried hours. Single sample free.
Pad of 100 sheets, mailed for 24 cents in stamps. Ten Pads (1000 sheets), by express, \$1.75.
DAN'L B. LONG, Publisher, BUFFALO, N. Y.
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GIVE US A TRIAL. WE CAN PLEASE YOU.
Roses, Carnations and all kinds of Seasonable Flowers in stock.



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451 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.
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WM. J. BAKER,
WHOLESALE CUT FLOWERS,
1432 S. Penn. Square, PHILADELPHIA, PA.
Original Headquarters for CARNATIONS.
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Rose Hill Nurseries.
Palms, Orchids, Roses, Ferns AND FOLIAGE PLANTS.
Largest stock in America.
SIEBRECHT & SON,
New Rochelle, N. Y.
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Nephrolepis Washingtoniensis
A magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house.
3 good plants from 2 to 4 pots, mailed for \$ 1.00
100 " " " 3 " expressed " 40.00
100 " " " 4 " extra fine, 60.00
JOHN H. LEY, GOOD HOPE, D. C.
Mention the Review when you write.

Orchids.
Just arrived in fine condition a fresh shipment of Cattleya Labiata and C. Speciosissima, also a limited quantity of C. Gaskelliana.
CHERRY WOOD BASKETS, FRESH MOSS AND PEAT.
Lager & Hurrell, Growers and Importers.... Summit, N. J.
Mention The Review when you write.
Mention The Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii. A grand bedding plant. Grows dwarf and bushy. Capital plant to use with crotons. 3-inch, \$5.00 per 100. The Cottage Gardens, Queens, N. Y.

AGERATUM.

Princess Pauline, fine pot plants, 50c per doz.; \$3.00 per 100. South Side Floral Co., Springfield, Ill.

Princess Pauline, 2-inch, \$2.00 per 100. Edw. B. Jackson, Stamford, Conn.

Blue or white, 2½-inch, \$2.00 per 100. Geo. H. Dodge, Billerica, Mass.

APPLE ROOT GRAFTS.

Per M, \$4.00, 5 to 10 M at \$3.75, over 10 M, \$3.50 per M. H. E. Rowley, Lacon, Ill.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$3.00 per 100. Asparagus Sprengerii, 2-inch, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$4.00 per 100. Geo. Wittbold, 1708 N. Halsted St., Chicago.

Asparagus Plumosus, 3-inch, \$6.00. Asparagus Sprengerii, 2-inch, \$5.00 per 100. Geo. M. Emmans, Newton, N. J.

Asparagus Sprengerii, 2½-in., \$6.00 per 100. Asparagus Tenuissimus, 2½-in., \$4.00 per 100. N. Smith & Son, Adrian, Mich.

900 Asparagus Sprengerii, 3-inch, \$6.00 per 100. Fine stock ready for 4-inch. Wachendorf Bros., Atlanta, Ga.

Plumosus, strong, 2-in., \$4.50 per 100; \$40.00 per 1000. Sprengerii, 3-in., \$7.00 per 100. C. Merkel & Son, Mentor, O.

600 Asparagus Plumosus, strong, 3-in., \$5.00 per 100. H. Steinmetz, Raleigh, N. C.

A. Sprengerii, 2½-inch, \$4.00 per 100. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, all sizes. A. S. MacBean, Lakewood, N. J.

200 A. plumosus, 6-inch, \$3.00 per doz. Morris Floral Co., Morris, Ill.

Sprengerii, 3-in., extra strong, \$6 per 100. S. Baston, Kalamazoo, Mich.

AZALEAS.

We offer all the leading varieties: First size, 10 to 12 in. diam., \$40 per 100. Select, 12 to 14 in. diam., \$50 per 100. Extra size, 14 to 16 in. diam., \$60 per 100. Specimen plants from \$1.00 each up. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

The Indian Azalea Nurseries (established 1842) is the best place in Europe to send your orders for Azalea Indica. Of 85,750 plants sold in 1898, 36,200 went to florists in the United States and Canada. Order early. Eug. Vervaeke de Vos, Swynaerde, Ghent, Belgium.

Azalea Indica, 4-inch pots, stems 6 to 12-inch, bushy, \$15.00 per 100. Jos. R. Freeman, 612 13th St., Washington, D. C.

Write for prices on Azaleas. H. H. Berger & Co., 47 Barclay St., N. Y.

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Field grown carnations, strong plants, clean and ready for immediate planting.

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Fine field grown plants, cheap for cash. 2000 Bride of Earlscourt, 1000 Bridesmaid, 1000 Scott, extra fine, \$5.00 per 100; \$20.00 per 500; \$35.00 per 1000. 1000 Helen Keller, 2000 Lizzie McGowan, 1000 Scott, good plants, \$3.00 per 100; \$13.75 per 500; \$25.00 per 1000.
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Cryptomeria Japonica (Japan cedar), a beautiful jardiniere evergreen; as handsome as Araucaria excelsa, for which it is often mistaken, but ten times cheaper. 4-inch pots, \$15.00 per 100. 2½-inch pots, \$9.00 per 100. 2½-inch for \$2.50, postpaid.
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MANETTIA.

Manettia bicolor, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00. Cash or C. O. D.
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Orchids have for very many years been a specialty with the undersigned, and the collection is steadily augmented by fresh importations from the collectors of the firm. It is not easy, without seeing it, to form an adequate conception of the stock. Extent is simply immense. Quality fine. Prices moderate. HUGH LOW & CO., BUSH HILL PARK NURSERY, ENFIELD, ENGLAND

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Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

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Paeonies, double pink and white, \$8.00 per 100. McCrea & Cole, Bittle Creek, Mich.

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WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS.
Measurements from top of pot to top of tallest leaf.

	Pot	H't.	Char.	Per	Per
	in.	in.	lvs.	100.	1000.
Latania Borbonica,	2			\$.60	
"	3			1.50	
"	6	16-20	6-8	.60	5.00
"	6	18-20	5-7	.75	9.00
"	7	20-24	6-8	1.00	12.00
Cocos Weddellana,	3	14-18	4-6	.25	3.00
Kentia Belmoreana,	3	6-7	3-4	.25	2.00
"	3	8-10	4-5	.25	3.00
"	3	18-20	6-6	.75	9.00
"	6	18-20	6-7	1.00	12.00
"	6	20-25	5-7	1.50	18.00
"	7	34-38	6-7	2.50	30.00
Kentia Forsteriana,	6	20-24	4-6	.75	9.00
"	5	25-28	4-6	1.00	12.00
"	6	26-30	6-8	1.50	18.00
"	7	36-40	6-6	2.50	30.00
Phoenix Reclinata,	5	14-16	5-8	.50	6.00
"	6	16-18	7-10	.75	9.00
Pandanus Uittils,	3			1.50	
"	4	12-14		3.00	
"	6	14-16		5.00	
Peperomia Agryrea,				1.50	
Dracaena terminalis,	4			3.00	
"	4	8-10		3.00	
"	5	10-12		.50	6.00
"	6	14-16		.75	9.00
Araucaria Excelsa at \$10.00, \$15.00 and \$36.00 per dozen. Cycas Revoluta from 50 cents to \$15.00 each, in any quantity.					

Geo. Wittbold, 1708 N. Halsted St., Chicago.

	Pot	H't.	Char.	Per	Per
	in.	in.	lvs.	100.	1000.
Latania Borbonica,	4	12-15	2	\$15.00	\$125
"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
Phoenix Canariensis,	4	15-18	4-5	15.00	
Seaforthia Elegans,	4	18-20	2	20.00	

P. J. Berckmans Company, Augusta, Ga

Dracaena Sanderiana, 3-in. pots, \$20 a 100. Peperomia Arifolia, 3-in. pots, \$8 per 100. Ficus Elastica, 6-inch pots, 18-inch, \$40.00 per 100; 8-inch pots, 3 to 4 feet, \$15.00 each. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

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Large stock of handsome home grown palms and decorative plants of all the leading varieties at popular prices. Send for price list. Lemuel Ball, Wissinoming, Philadelphia, Pa.

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Palms and Decorative Plants. Largest stock in America. Siebrecht & Son, New Rochelle, N. Y.

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Fine field-grown plants of the famous Diamond strain of large flowered pansies. An endless variety of rich and odd colors, shades and markings. All colors, mixed, 60 cents per 100 by mail, postpaid; \$4.00 per 1000 by express. Seed, \$1.00 per 1/2 oz.; \$5.50 per oz. Cash with order. L. W. Goodell, Pansy Park, Dwight, Mass.

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From Zirnglebel's Giant Pansy seed at same rate as common varieties, \$5.00 per 1000. Securely packed to go any distance. Large transplanted plants for winter blooming, \$2.00 per 100. Denys Zirnglebel, Needham, Mass.

The finest pansies in the world. 40,000 of Roemer's giant prize pansies, separate colors or mixed, at 40c per 100; \$3.00 per 1000. Cash. M. E. Kraus, 329 Davenport Ave., New Haven, Conn.

I have about 25,000 pansy plants of my own private strain, more than I shall use, and warrant them for size and color equal to any in the market. Price, \$4.00 per 1000. J. B. Shurtleff, Jr., Revere, Mass.

Grown from extra choice seed and not surpassed by any other variety for size, beauty of coloring and freedom of flowers, 50c per 100; \$4.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

The Jennings strain. Plants now ready. All colors, finest mixed, by mail 60c per 100, by express \$4.00 per 1000. E. B. Jennings, L. B. 254, Southport, Conn.

100,000 pansies. Harris' large flowering mixture, 50c per 100 by mail; \$3.50 per 1000 by express. Cash. C. A. Harris & Co., Delanson, N. Y.

Large flowering Pansies, \$2.50 per 1000; 40c per 100. Hardy Daisies, Snowball, Longfellow, \$5.00 per 1000; 75c per 100. Cash. Byer Bros., Chambersburg, Pa.

German giant pansy plants. Strong and fine. 1000 for \$3.50; 500 for \$2.25. Chas. Wrege, 117 Oxford Ave., Jersey City, N. J.

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24,000 Pansy Plants, giant flowering (large), \$5.00 per 1000. Morris Floral Co., Morris, Ill.

Giant Trimardeau strain, 50c per 100; \$4.00 per 1000. Edw. B. Jackson, Stamford, Conn.

Pansy Plants, 50c per 100; \$2.50 per 1000. Jos. H. Cunningham, Delaware, O.

Herr's Pansies, the best strain in the world, A. M. Herr, Lancaster, Pa.

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1000 Pelargoniums The Queen, 2 1/2-in., \$3.00 per 100. Morris Floral Co., Morris, Ill.

PETUNIAS.

14,000 double petunias, 22 varieties, mixed, 2 1/2-in., \$3.00 per 100; \$25.00 per 1000. Morris Floral Co., Morris, Ill.

Double, 4 fine varieties, 2-inch, \$2.00 per 100. Edw. B. Jackson, Stamford, Conn.

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Primulas, from 2 1/2-inch pots, ready for a shift into larger size, \$5.00 per 100; \$40.00 per 1000. We grow our own seed, keep each variety separate, and guarantee an equal number of each color in every order sent out. Chas. Zeller & Son, Flatbush, Brooklyn, N. Y.

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Baby Primrose. For Sept. 1st delivery. Fine plants, 3 1/2-inch, \$12.00 per 100. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

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Baby Primrose, strong, immediate blooming, 3-inch, \$5.00 per 100. Obconica grandiflora, 2 1/2-inch, \$2.50 per 100. J. W. Myer, Greenfield, Ind.

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Primroses, from 2 1/2-inch pots, very choicest seed, at \$2.00 per 100. Mrs. M. Cavanaugh, Ionia, N. Y.

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First quality forcing roses, perfectly healthy and grown especially for late planting. Saffran, Sunset, Pres. Carnot, Kaiserin, Meteor, Wootton, Perle, Mme. Hoste, 3-in., \$5.00 per 100; 4-in., \$5.00. J. L. Dillon, Bloomsburg, Pa.

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Manett stocks for fall delivery.
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Hardy roses in great variety.
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Wholesale price list for florists and market gardeners.
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Plants in 2½-inch pots, \$15.00 per 1000. Cash with order.
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Smilax, 2½-inch, \$1.00 per 100. Cash.
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Strong, 2-in. pots, \$1.50 per 100.
Henry Smith, Grand Rapids, Mich.

2000 3-in. Smilax. A bargain.
Geo. A. Kuhl, Pekin, Ill.

Smilax, strong plants, 2½-in., \$2.00 per 100.
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R. Vincent, Jr. & Son, White Marsh, Md.

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10,000 Vinca seedlings, three colors, \$3.00 per 1000. Chas. A. Juengel, 1841 South 14th st., St. Louis, Mo.

500 field grown vincas, 8 cts each.
Frank Berry, Stillwater, Minn.

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We offer a fine lot of strong, healthy, field-grown clumps of single violets. La France, the latest introduction in single varieties, best in color, finest in bloom, good size, deliciously scented, \$1.25 per doz.; \$10.00 per 100. Admiral Avellan, California, Luxonne, Princess of Wales, good standard sorts, strong clumps, \$1.00 per doz.; \$8.00 per 100.
H. A. Drear 714 Chestnut St., Phila., Pa.

5000 California violet clumps, from field, \$3.00 per 100. L. H. Campbell and Marie Louise, 2½-inch, fine, \$3.00 per 100. All healthy. 5000 field clumps L. H. Campbell, fine, \$5.00 per 100; \$40.00 per 1000. Cash please.
Benj. Connell, Florist, West Grove, Pa.

Fine, strong clean, field grown Lady Campbell; good clumps, lots of roots, ready for immediate shipment, \$5.00 per 100. Cash with order. W. G. Kraber, 37 Tremont St., New Bedford, Mass.

Marie Louise, 10,000 strong, healthy, field grown plants. No. 1, \$4.00 per 100; \$35.00 per 1000. No. 2, \$3.00 per 100; \$25.00 per 1000. Sample sent for 10c. Cash with order (no checks).
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Princess of Wales, strong and healthy, field grown, \$3.00 per 100; \$25.00 per 1000. Sample 10 cents. Cash with order. Glen Cove Greenhouses, F. G. Mense, Prop., Glen Cove, N. Y.

Farquhar, large field plants, strong and healthy, \$6.00 per 100. Strong plants from 2½-inch pots, \$3.00 per 100.
T. F. O'Brien, Rosindale, Mass.

Swanley White, 4-inch, \$5.00 per 100. Contracts wanted for cut violets for the season. M. Louise, Campbell and Swanley White.
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Fine, healthy M. Louise, from 3½ and 4-inch pots, \$4.00 and \$5.00 per 100. J. C. Williams, 140 Harrison Ave., Montclair, N. J.

2½-in., \$3.00 per 100. Field grown, \$5.00 per 100; \$40.00 per 1000. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

Marie Louise, \$4.00 per 100. Russian, 75c per doz.; \$6.00 per 100. Mrs. L. P. Seaton, Richfield Springs, N. Y.

Violets, per 100. Farquhar, 2½-in., \$3.00. Double White stock, 2-in., \$3.00.
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Princess of Wales, California and Swanley White, strong field grown plants, \$5.00 per 100. Albert H. Brown, Westboro, Mass.

Strong, healthy Marie Louise, field-grown, \$4.00 per 100. Sample free.
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300 California, 700 Marie Louise, strong, field-grown plants, \$3.00 per 100.
Isaac Miles, Oshkosh, Wis.

Farquhar, 4-inch, \$7.50 per 100. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Marie Louise, pot grown, \$25.00 per 1000.
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500 Marie Louise, 4 cts each.
Frank Berry, Stillwater, Minn.

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Russellias multiflora and elegantissima. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German ivy. 2½-inch, \$2.50 per dozen.
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Lemon verbena, Impatiens Sultani, 2½-inch, \$3.00 per 100. Rooted cuttings; Impatiens Sultani, \$2.00.
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Carex Variegata, 2½-inch, \$5.00 per 100.
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Jadoo Fibre, a substitute for soil. Jadoo Liquid, the very best fertilizer. Write for printed matter. American Jadoo Co., 817 Fairmount Ave., Philadelphia, Pa.

Bone meal. By the bag, ton or carload. Write us for quotations.
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CLASSIFIED ADS.—Continued.

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Greenhouse putty. To be applied with a bulb; the only putty made to work this way for greenhouse sash. One gallon, 20 lbs., 90 cents. T. H. Nevin Co., Allegheny, Pa.

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Every florist ought to insure his glass against hail. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

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Send for Lucas on Glass. Four pamphlets tell all about it. John Lucas & Co., Philadelphia.

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A florist knows what kind of Hose a florist ought to have. Let us quote you prices and send you a sample of a Good Hose. J. G. & A. Esler, Saddle River, N. J.

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Hose for Florists. Penn Rubber Co., 608 Arch St., Philadelphia, Pa.

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TOBACCO DUST, the black stuff, 2 cts per lb.; 50 to 1000 lbs.

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Tobacco Dust, by the car load. Now is your time, while I have a surplus, to get your supply. To the trade only, at \$12.00 per ton in car lots of 12 tons; 2000 lbs., 14.00; 1000 lbs., \$7.50; 500 lbs., \$4.00; 100 lbs., \$1.00. Cash. M. T. Thompson, Rio Vista, Va.

Tobacco stems, \$1.00 per 100 lbs. Tobacco dust, \$2.50 per 100 lbs. Rose Leaf Extract of Tobacco, Nikoteen, Nicomite. Send for prices on large quantities.

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Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free. Skabcura Dip Co., Chicago.

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Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application. A. H. Hews & Co., North Cambridge, Mass.

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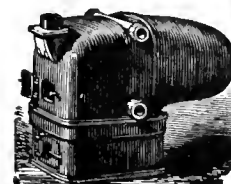
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MOBILE, ALA.—Mr. H. P. Loding, formerly with C. Ravier, is starting in business for himself on Palmetto street.

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For the convenience of our readers in looking up offers of supplies they may wish, we print the following classified list of same offered by our advertisers. To ascertain the page upon which the advertisement appears, consult the adjoining regular index to advertisers. For plants see classified advs.

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Kelsey, H. P.

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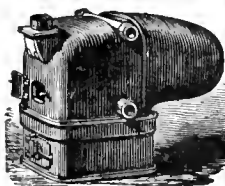
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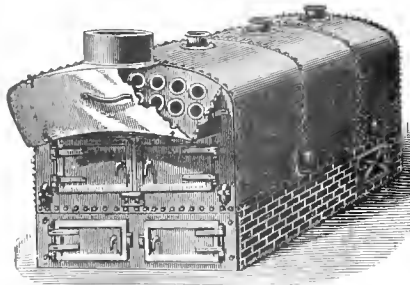
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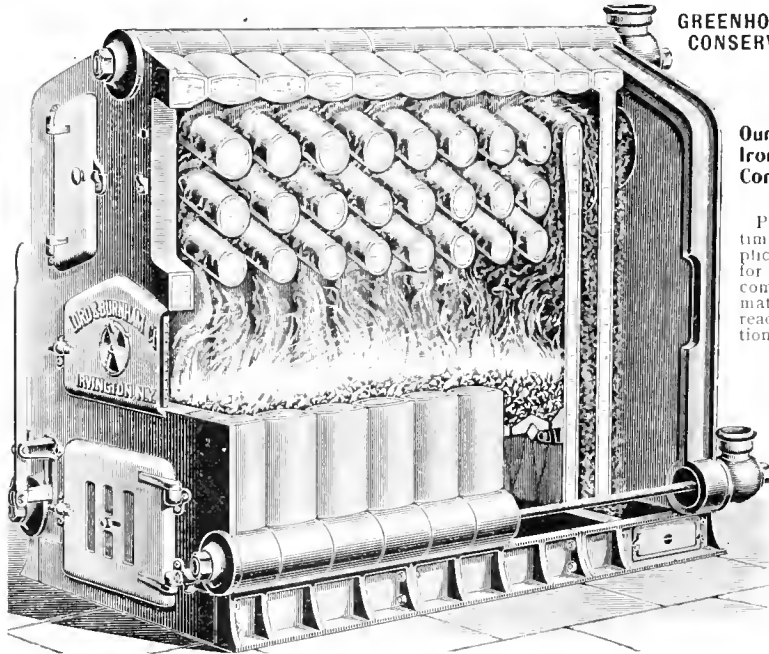
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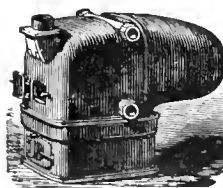
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Vol. IV.

CHICAGO AND NEW YORK, SEPTEMBER 28, 1899.

No. 96.

CANADIAN HORTICULTURAL ASSOCIATION.

Second Annual Convention.

The convention held in Ottawa last week was in every way a great success, and those who attended returned home well satisfied with what they had seen and heard and with the entertainment given to them by the Ottawa florists. "Well satisfied" is perhaps too mild an expression to use in this connection, every one was enthusiastic, and there is no doubt but this convention will pave the way for greater successes in the future. The only thing to be regretted is that more of the florists throughout the country could not (or thought they could not) attend. They missed it, and it is their great loss. Those who did attend had to make some sacrifice, every one of them, but I am sure there is not one of them who regrets that he did so. They took it in and gained by it. However, there will be a bigger crowd next year.

The convention was opened by the Mayor, who made a suitable speech, and Alderman Black, Chairman of the Reception Committee, gave the members the run of the city and invited them to a hack ride round the city at the expense of the taxpayers, and Mr. Serim in turn invited the Mayor and Alderman Black to join in a car ride to Aylmer at the expense of the Ottawa Gardeners and Florists. Both invitations were accepted.

President Gammage then made an eloquent address, a copy of which is herewith sent.

The reports of the secretary and treasurer, although both short, showed that the affairs of the association were in a satisfactory condition.

At the evening session Professor Fletcher of the Central Experimental Farm gave his lecture (extempore) on "Insect Enemies in Greenhouses." Professor Fletcher is an inimitable lecturer, he is more practical than theoret-

cal, and uses no crack-jaw scientific terms. He is the most interesting and enjoyable man to listen to I ever heard, and the matter has been gained by him from practical experience, and not only from the reading of books, and is therefore solid and to be relied on. An enthusiastic vote of thanks was tendered him.

The motion to change the constitution, making the association a purely trade body, was discussed and on being put to the meeting was lost.

The question "How can the relations between wholesaler and retailer be improved?" elicited a very lively discussion. The retailers aired their grievances and the wholesalers ably defended themselves. No practical solution of the difficulties experienced by both retailer and wholesaler at certain times of the year was arrived at, but the effect of the discussion on both sides will doubtless be beneficial.

The second day's proceedings opened with the reading of a letter from Mr. Frank Shutt, Professor of Chemistry at the Experimental Farm, expressing regret at his inability to be present and give his promised lecture on Nitrogenous Fertilizers. The members were much disappointed at not hearing this lecture, and the secretary was instructed to ask Mr. Shutt for a synopsis of his lecture, have it printed and sent to the members.

Mr. A. H. Ewing then propounded "The advantages to be derived from a trade paper in Canada," on which there was a long discussion, the matter being finally left to a committee. I may say here that before the members separated a sufficient guarantee was secured to ensure the early publication of a trade paper in Canada. A company was formed and the matter will be carried out on business principles, the gentlemen who will compose the first directorate being very sanguine as to the success of the undertaking.

Mr. H. Dale, of Brampton, read a most instructive paper entitled "Build-

ing Commercial Greenhouses," a copy of which is also enclosed herewith. I have no doubt that many of your readers will be glad to read the views of so eminent an authority on the subject. In answer to questions Mr. Dale and Mr. Dunlop gave their methods used in working out the various details in building on a large scale.

At the evening session of the second day Mr. S. S. Bain, of Montreal, read a paper: "European Horticulture as viewed by a Canadian," which was most enthusiastically received by the members. It contained many useful hints, hints which I expect to see made use of by many in the near future, as far as their means will allow.

Mr. E. Mepsted also read a paper which was listened to with the interest the subject deserved, "Plants Versus Cut Flowers at Holiday Time." Mr. Mepsted treated the subject as if he knew what he was talking about, as indeed he does, having had plenty of experience in the matter. I regret being unable to send his paper at present, but hope to do so next week.

Mr. James McKenna, of Cote des Neiges, P. Q., read a very useful paper on "Cemetery Decoration," at which he is a thorough expert. His listeners were able to gather some knowledge which will be very useful to them in their business. This paper was, I regret to say, also unprocureable at the time.

Then came the choice of place for meeting next year and election of officers. On the former subject the president warned the members that it was not a matter of likes and dislikes, but a matter of great importance to the life and vitality of the association. The matter was earnestly discussed before the ballot was taken. Montreal was chosen by a large majority.

The election of officers is done by informal ballot and in no case was more than one balloting necessary. The following is the result:

President, Mr. James McKenna
Montreal.

Vice-President for Ontario, Mr. H. Dale, Brampton.

Vice-President for Quebec, Mr. J. Bennett, Montreal.

Treasurer, Mr. J. Dunlop, Toronto.

Secretary, Mr. A. H. Ewing, Berlin.

Executive committee, for 3 years:

Mr. A. Wilshire, Montreal; Mr. C. Scrim, Ottawa; Mr. J. Graham, Ottawa; for two years, in place of Mr. J. Bennett, vice-president-elect for Quebec, Mr. H. Simmers, Toronto.

The committee on final resolutions then read their report which was carried unanimously. The report contained votes of thanks to the mayor and reception committee of the city of Ottawa, to the committee of Ottawa florists, to Professor Fletcher and staff of the Central Experimental Farm, to the Canada Central Exhibition Association and to the press of Ottawa.

A unanimous standing vote with musical honors was tendered to the retiring president for his valuable and self sacrificing services to the association for the past two years. The secretary and treasurer were also tendered the thanks of the meeting for what little they had done and the second annual convention of the C. H. A. was a thing of the past.

Entertainments.

On Tuesday afternoon the members were taken round to various places of interest by Mr. C. Scrim. The Graham Bros.' large establishment was visited and found to be thoroughly up to date. About an hour was spent there and it was hard to collect the members together again they found so much of interest to see in the various houses.

Rideau Hall was also visited. This is the shanty in which the governor-general exists during his stay in Canada. The members were not allowed to see a great deal of it, but what little they did see, it is safe to say disappointed them not a little. All thought that the Government of Canada might do a little more in the horticultural line, for its chief bottle washer, such as cutting the grass alongside the drive up to the house and such like things which any ordinary citizen does in his garden.

Mr. C. Scrim's place was next visited, where the members found plenty to interest them until darkness came on. They roamed round the greenhouses, little groups gathering here and there discussing roses, carnations, violets, heating, building and what not for an hour or more, the pangs of hunger only reminding them that there was other business to attend to. Mr. Scrim grows ericas in a manner which, in this country, must be seen to be believed.

Wednesday afternoon was devoted to a hack drive around the city, led by the mayor and Mr. Johnson, of Kingston, to whom the mayor took an especial fancy. They are both sports of the first water, and were the life of that drive. The drive finished up with the Central Experimental farm, where

Professors Fletcher and McKeown (I believe that was his name) did the honors. This is the most interesting place to a horticulturist in Canada and I cannot attempt to describe its most interesting points and beauties; one could spend weeks there and still be loth to leave. The collection of conifers, deciduous trees and shrubs, herbaceous plants, etc., is immense. I never dreamt that so many were hardy in Canada. One could write a whole newspaper full on all that was seen at this, the most charming place I have seen in Canada, with the most charming men to show one around and give information on any subject one likes to inquire about. It is worthy of a visit from any nurserymen or florist on the continent.

Friday was devoted entirely to pleasure and the members were at the mercy of the Ottawa florists, who treated them—well, most handsomely. A car ride to Aylmer, a summer resort about twelve miles out of Ottawa, on the river, was the first thing on the programme. On the way there a call was made at Mr. Wright's, where some of the biggest carnations ever seen by any of those present were noted. They had only just been taken from the open ground and planted in the house. On some of them were counted between thirty and forty leads ready to throw up bloom.

At Aylmer park most of the members indulged in a slide down the "chute," a most exciting form of amusement, and were then conducted to the Victoria hotel, where a most sumptuous repast of fifteen (more or less) courses was partaken of, and as there was plenty of time and every one was as hungry as a hunter it is safe to say that the proprietor did not make much out of it. It was a great meal, the effects of it lasted till next day, and the memory of it will cling to us in all probability until the next convention.

Dinner over, the crowd boarded the car again and were whirled to the exhibition, where everyone wandered where he listed until dark, finally winding up on the grand stand, where a most enjoyable day was completed.

I have omitted to mention the trade exhibit, which, owing to want of working up, was small. The judges' report was as follows: "No. 1, a meritorious exhibit of ericas, ferns and selaginellas; ericas being worthy of special mention; ferns well grown, of a useful size and variety. (These were shown by Mr. C. Scrim, of Ottawa.)

"No. 2 comprises a collection of useful varieties of plants for general use, consisting of palms, ferns, begonias, asparagus, primulas, cinerarias, cyperus and carex, all of small sizes, ready for potting on for winter. (These were shown by Mr. Gammage, of London.)

"No. 3, an exhibit of that useful plant *Carex japonica* variegata, well grown and healthy. (These were shown by Mr. Ewing, of Berlin.)

"We would strongly recommend all future exhibitors to wash their pots.

"(Signed) JAMES M'KENNA,
"THOMAS MANTON."

Notes.

Nothing succeeds like success. The Ottawa florists are daisies. The trade newspaper will be a "go," sure.

Everybody come to Montreal, August, 1900.

The convention meant business and did business.

All the members were present at all the meetings.

Entertainment did not interfere with business.

Some of the members found three in a bed a tight fit.

Montreal will be a good place for florists to rendezvous next year.

I regret to state that some of the members were guilty of undue levity with the pretty Ottawa waiting girls. Mum is the word.

A RUSTIC ARCH.

The accompanying engraving is from a photograph of the rustic arch in the show house of Mr. Charles Warnke, Detroit, Mich., which is a very attractive feature of the establishment. Mr. Warnke and his wife are seen in the picture.

BUILDING COMMERCIAL GREENHOUSES.

By H. DALL.

[Read before the Canadian Horticultural Association at Ottawa, Sept. 29, 1899.]

My experience in building commercial greenhouses is confined almost entirely to those suitable for the growing of cut flowers. I shall therefore confine myself to that class of greenhouse structures. There are so many different ways of building, both in form of houses, manner of putting them together, shape of rafters, ventilators, gutters, etc., that one cannot make the assertion "mine is the best" without being looked upon as egotistical in the extreme. However, I will give you my ideas and you can take them for what you think they are worth.

The aspect of houses and lay of the land enter largely into the question. If possible I would select a site with a southern or southeastern aspect, with land sloping slightly towards the west. This, of course, is not absolutely necessary and not often obtainable (my own lot slopes considerably in the opposite direction), but by building houses with a slight fall towards the west they catch the afternoon sun a little better and at the same time give the proper fall for carrying off water from gutters and condensation from steam pipes. In any case I would give them a fall one way or the other, 6 inches to each 100 feet is sufficient for the purpose.

When making your plans for a start



Rustic Arch in the show house of Mr. Chas. Warncke, Detroit.

try, if possible, to know what the extent of your establishment is likely to be, so that you can provide for cellarage, shed room, packing room, etc., for all future needs. The products of your houses will have to be brought to one point for sale or shipment and room here should be provided for all that may be necessary. Lay everything out square; steamfitting, carpentering, glazing, will be all much easier done than where there are different angles and bends and curves to be fitted. A little forethought on these lines will save much expense and trouble, this I have found to my cost.

After selection of site the next question to decide on is style of house or houses. If I were putting up one house and knew positively that I would not require to build more, I would use the three-quarter span with long slope to the south, but when a number of houses are to be built for cut flowers only, this style is so very wasteful of land and scatters the buildings over such a large surface (as that style of house requires an open space between them) that a closer plan of building must be adopted, in which case even

span houses or short-span-to-the-south must be used, and at present I lean somewhat in favor of even span houses with walk under the gutters. I have four houses now built in that way, all of them with arch under the gutter; two were built last year and I liked them so well that I have built two more this season. The two which were built last year are each 18x600 feet, making one room without partitions, 600 feet long by 36 feet wide. They are fitted up with four benches each 6 feet wide, running full length of houses. At the lowest point the glass is 6 feet from the bench, giving good head room for tall growing roses, chrysanthemums or other plants. The houses are very light and airy and I think are well adapted to the growing of cut flowers.

To describe them more particularly I will begin at the foundation. This is made of fourteen rows of cedar posts at proper distance apart, to support the benches and outer walls, and four feet apart in the rows, the tops of the posts three inches above surface of walks. The benches are 18 inches high, 2x4 scantling for framework,

overlaid with 1½-inch tamarac, all well oiled (including tops of cedar posts) with three coats of crude petroleum. This I find to be an excellent wood preservative, cheap and easily applied. The outer walls are made of 2x6 studding, 6 feet high, set on top of posts. The north wall being covered on outside with two thicknesses of matched sheathing with tar paper between. The south wall with two feet of glass down from plate and balance sheathed same as north. Arch 6 feet 8 inches high from top of cedar posts to top of arch. This arch is made of cast iron and carried on standards of 1-inch iron pipe. They are placed every twelve feet and connected by truss rods three-eighths-inch round iron, making a very neat yet strong support for center plate.

Plate 2x10 inches, beveled at both sides to take end of rafters, 1½x2¾, with a good drip groove on either side; this drip-groove is an important thing, should be worked out smoothly and be continuous from end to end of rafter. Cap got out of inch stuff with groove of proper width and depth to fit rabbet on rafter. Ridge 1½x6 inches, grooved on either side to receive glass; ridge lap 1x3. Purlins 1¾x2½, supported with 1-inch iron pipe. Ventilators 2 feet 11 inches square, every fourth row of glass; that is, two rows of glass and a ventilator alternately. I like this better than continuous ventilation, as it is lighter on the ventilating machine and gives more opening when ventilators are raised. Pitch of roof one-fourth inch to the foot.

All dressed material should be on the ground long enough before building operations begin to receive three good coats of lead and oil. The painting is much easier and more quickly done before building is erected, and by having everything cut to proper lengths and shape before painting, the joints get their share, which would be impossible if painted after the building is up.

Glazing should be done by butting the glass, I use 16x16 as being a handy size, and find 21 oz. English glass to be the best, with ¼ No. 8 round-head screws to fasten the caps.

As there has been some controversy of late as to the merits or demerits of butted glass, I will describe my method of laying it. When nailing on the rafters see that they are placed perfectly square with the plate. This is important, otherwise your glass will not run true up the roof. I have used both Belgian and English glass and find the latter to be cut much nearer true and square than the Belgian, consequently ½-inch play is sufficient between the rafters for English glass, but if Belgian is used 3-16-inch is not any too much. Also see that glass line is even with plate and glass groove in ridge, or if anything a trifle high rather than low. Space the rafters at purlin and fasten firmly; this will bring them parallel and prevent them spreading at that point.

Now with rafters well and truly

nailed in place we are ready to start glazing. First place your boxes of glass in a convenient row on bench up the house at about the right distance apart to use handily and take off the covers. Three men and a boy constitute a glazing gang with me, one man getting caps ready by starting the screws in their place, one screw in the center of each pane, boy handing up glass, one man laying it in place (and he can lay it as fast as the boy can hand it up), and one screwing down caps. And I make a rule to screw down tight, not any rattling panes, please, but send the screw well home even if you break an odd pane in doing it. I should have said to have ventilators hung before starting to glaze, and let these be glazed as you go along. After each row is laid and screwed down fill the groove in ridge above the glass with putty; this is all the putty used. Glaze all ends and gables down even with top of benches; you cannot get too much light and sun into your houses.

A small galvanized iron trough under the plate to take condensation and drip at that point is a good thing, but not absolutely necessary; if put on, this trough should be about 2x2 inches, with drop pipe every 20 feet; it makes a nice finish and all drip is carried down past steam pipes or benches. For the valley where houses are attached I make the arch and its supports carry this drip to the ground, and as the arches are placed every 12 feet they do the work nicely. If the house or houses built are end on to a shed I like to glaze these ends as it gives good light for shed, the glass being always clear of frost. A door opposite the end of each walk is very convenient as it saves turning corners when carrying or wheeling anything into or out of the houses. Walks may be either of ashes or cement according to the taste or pocket of the builder.

Ventilating machinery must be thought of in time to have it in place as soon as the glass is on the roof. There are lots of different devices for raising and lowering ventilators, from a piece of stick with a nail in it to an automatic machine. I am using both automatic and hand wheel machines, both good and both are made by R. W. King & Co., 503 Markham street, Toronto. I mention this, as I think they are the only firm offering such in Canada. Steam is in my estimation the best medium for providing heat for greenhouse structures.

There are so many ways in which the piping may be arranged according to location of boiler, etc., that it would be impossible for me here to lay down any plan. There are a few leading points I would like to make: If the gravity system is to be used the boiler room must be low enough so that the water line of boilers will be at least 12 inches below the lowest steam pipes; this is about as close as steam will work to water line, while 2 feet or more above that point will give a

better working system. Large mains and small returns should be the rule. I will give a few examples of this. I have a 12-inch main leading from my boiler, but nothing larger than 1 inch for returns. In one case I have an inch return carrying the condensation from 7,000 feet of 1¼-inch steam pipe and it carries to perfection; this 1-inch pipe has to carry said condensation 500 feet back to boilers. A 2-inch pipe will feed 1,000 feet of 1¼-inch pipe.

The area of steam main should be as large as the combined areas of take offs. To determine this, find the square of take-offs required to feed steam pipes and put in a main with an area of same size or a little larger. Both steam and return pipes may be laid up hill or down, but if a return is laid to work up hill there must be an air relief at its highest point. This relief may be connected with any steam pipe near at hand, or an air-cock may be used, to be opened occasionally.

It has been customary with many to hang all steam pipes on outer walls, with none towards center of houses, but I think it best to distribute the heat as evenly as possible through the houses, and to this end hang my pipes along both sides of every bench. In such houses as I have described two 1¼-inch pipes on each side of 6-foot bench have been found about right for ordinary kinds of roses, with an extra one on outer walls. I find it impossible to cover all the little points in building, but hope have given some information that will be of use, and any further advice I can offer will be given most freely.

EUROPEAN HORTICULTURE AS VIEWED BY A CANADIAN.

By S. S. BAIN.

[Read before the Canadian Horticultural Association at Ottawa, Sept. 20, 1899.]

Mr. President and Gentlemen:—On July 2nd of last year we sailed. When I say "we" I wish you to understand that I was not running away with anyone. The "we" was my partner in life, the one who has shared here part of all my cares and struggles, my profits and losses, my joys and sorrows. We sailed away for the purpose of enjoying a good holiday, which only came at the end of twenty-five years of our life together, and twenty-seven of my leaving my native land. Now, we did not go to Vancouver to get to Liverpool, as a Chinaman might do, because you know they always do things in the opposite way to us; but we went aboard the Vancouver at Montreal and sailed in this way (the proper way) to Liverpool, where, after a grand passage, we arrived early a Monday morning.

From Liverpool we went direct to London by a special fast express which traveled at the rate of over fifty miles an hour, counting stoppings. The road led through a rich, fertile country, more like a garden than farmland in comparison to those we are in the habit of looking upon. We

possess too much land, and hence the cultivation by the owner is poor and slovenly compared with that part of the Old World. We looked upon field after field of golden wheat with straw from five to six feet long carrying heads of grain, which changed with every summer breeze which passed over them into lights and shadows gladdening to the heart, and as if they sang this song: We are ready for the reaper; "put ye forth the sickle."

Along either side of this railway track for two hundred miles was a hawthorne hedge, kept in the most perfect order, with all the grass upon the sloping sides of the embankments cut and cleaned as if it was an avenue to some private mansion. By this I received my first lesson to carry back with me to this country, which will help me to plant and grow more hedges. We need them here as much, or more, than they do over there. Something to protect our tender plants from the cold, biting winds of fall and spring.

Everywhere we went could the faith of the people in hedges be seen in private and commercial grounds. Nowhere, however, can it be met with more than in Belgium and Holland. There the hedge seems to be a necessity. In the bulb district of Holland, where the soil is of a light, sandy nature, hedges are planted along every field to prevent the strong winds which blow across that flat country from driving the sand from the land, and for protecting the tender growth of the bulbs from their biting influence. There hedges are not allowed to grow yards wide, or so high as to overshadow anything. No; this would be ridiculous and injurious; they would, in this form, become a curse instead of a blessing. Instead of this they are clipped very hard and kept down to between four and five feet, and about a foot and eighteen inches through. This is only in the bulb district. In private places, on the other hand, hedges are very much higher and broader, and much more beautiful. And what can be more beautiful about a private residence than a well grown and well kept hedge? It is at once the cheapest, most lasting and most becoming fence for beauty and protection which can be put up. It is for all of us to provide for and encourage the planting of hedges. There is money in it to the men who can provide a first-class hedge plant and who will undertake to plant them and care for them as they require.

In some commercial places hedges of great height were seen and every time when a question was asked, "What use are such hedges?" the answer came quickly and direct: "Can't do without them if we are to grow tender plants." In the grounds of H. Cannell & Sons, Swanley, Kent, some of the hedges were over fifteen feet high, planted in squares. The answer received from this old gentleman was the same: "The best thing we have, sir, for protection."

Arriving in London, the first place to visit the next morning was Covent Garden. For this reason we got up early (for if anyone wishes to see this market he must get out with the lark in the morning, especially if he wishes to see its workings). Arriving there, we entered by that part occupied by the plant growers, and having an introduction to one of the growers (the father of one of my men) I inquired for him, received a very hearty reception and was shown every kindness and attention. The first thing that struck me as of value to remember was the good feeling which existed among the growers. Everything was bustle and hurry, yet no crowding one another in unduly underselling. Each man knew the value, the market value of his goods, and asked and received it. Each man was also willing to help his neighbor, as if he knew that some time he himself might require help, and expect to get it. This is nothing but what it should be among men of the same calling, and the more we attend to this the better for all concerned.

Let me give you an example. I desired to go to another part of the market on one occasion, and asked my friend how I might find it, when at once he offered to show me the way. Turning to his neighbor, he said: "I say, look after my stock until I return. Sell this lot at one shilling each and this lot at one and sixpence," and, taking my arm, he guided me to the place to which I wanted to go. Take this lesson, help your neighbor, he may help you.

The next thing which interested me was a classification of plants and sizes. This I consider a step in the right direction. All plants put into their proper size and sold accordingly. This was carried to a still greater degree in commercial greenhouses. All plants have to come to a certain standard before being sold, and if you wish to buy any quantity under the standard you would be told they were not for sale. This is what I consider bringing the trade up to a higher standard, for there are more men who will sell anything, at any price, whether it pays for the growing or not.

The cut flower department has to be understood, especially the quantity sold in such a short time, for you must remember that the gates are closed sharp at nine o'clock. This law is enforced to give outside dealers a chance to sell the stuff which was bought early in the morning.

The roses sold at the time were almost all hybrids. Short-stemmed but magnificent flowers with perfume which can only be found in an English rose. In making up they use a long straw, placing three straws to each rose, fastening them on with fine No. 29 wire. In the make up of flowers, two stores in London and one in Paris show some very fine pieces and certainly were a credit to the artist who made them. They were light, graceful, and everything about them

in keeping. Not the heavy, crammed work generally seen, for each of these flowers stood independent of the one next to it, and yet in keeping with it to such an extent that it became the very embodiment of grace and beauty. In all the finest work a great amount of ferns is used, also leaves of different plants, such as crotons, Rex begonias, etc., etc. The effect is very pleasing.

Bouquet making in the stores mentioned was of the same high order, made up in every style and at a great variety of prices. Ribbon enters largely into the finish of fine bouquets.

One thing I was very much struck with in these stores was that all work seen was for sale; that is to say, they were not ordered before being made. I do not know how it is in other parts of Canada, but in Montreal work is not made unless ordered; but over there they start in the morning, as soon as the flowers come in, and make up as many set pieces as they expect to sell that day. So that, when you enter one of these stores, you can choose what you like. The prices range about the same as with us, so that florists on the other side have a much higher profit for their work, flowers and labor being cheaper.

Two days after going through Covent Garden we went to visit what may be considered one of the largest, if not the largest, places on the other side. The Rochfords, at Broxborne. Here they have one hundred and fifty houses, all of them in the highest possible condition. They use in one year 9,000 tons of coke, price from 10 to 15 shillings per ton, besides a large quantity of coal in the colder weather. This village of greenhouses is heated entirely by hot water. The largest part of the stock grown here is palms, all found in the highest state of cultivation, ferns, crotons, dracaenas, begonias, etc., etc. It was here I first came across Begonia Gloire de Lorraine, over a thousand plants. Ferns were also grown in very large quantities. I also noticed that here, as in all first-class establishments, all the palms are plunged to the rim of the pot in some loose material on the benches. This is to save watering, which is a great saving in labor. All watering is done with the watering can. Only in one place in Belgium did I see a hose used. I consider this an improvement in many respects to our placing a hose in a man's hands without his having sufficient knowledge, or interest in his work. There is more harm done and more plants destroyed by slushing water from the hose by some men than anything that I know of.

A little further down the road is another very large establishment, belonging to Joseph Rochford. Thirty acres of glass, where they grow ably tomatoes, cucumbers, grapes and ferns; everything in apple pie order. They employ 160 men. The houses here are older than at Thomas Rochford's, but all doing good work. The same system of heating, hot water.

The ferns here were the finest lot of plants that I ever came across. Here the grading system into standard sizes was carried out to perfection. They refused to sell any plant until it grew to required dimension. I wished to buy some of their tomato seed, but could not; was told that they make and keep up a certain standard of seed, which they will not sell or give away. A lesson much needed in most quarters. Would it not be wise to follow this example in keeping our stock up as near to perfection as possible? It can only be done by great care and attention.

After seeing all we could find time for in and about London we went through the Garden of England, Kent. Visited several places there, but what astonished us most was the quantity of fruit growing. Miles of strawberry fields on each side of the road, and upon every road we traveled in Kent, all for London. We talk about loads of fruit, but I am satisfied that nowhere can any be found to compare with that coming into the London market. The fruit is gathered by bands of berry pickers, most of whom live in large covered wagons, such as gypsies live in; others in tents alongside the fields. The delicious strawberries were not as palatable after seeing those who picked them. These pickers are paid by what they gather, managers or overseers receiving the berries when picked, see that they are picked properly. They are packed in round willow baskets holding about half a bushel, then placed into great two-horse wagons, piled to a perfect pyramid, one above another. The wagon starts in the afternoon or evening and travels all night, reaching London early in the morning for market.

We will now start for France. Did any of you ever cross the English channel from Dover on a windy day? If not, pray that when you go it may be calm for a week before you start, and when you go make sure that you take only one lady in charge. I had two and I must confess it was more than I bargained for.

In Paris we went to the principal florists' stores. Only one of them had any work any better than we generally see in our own cities, but not any better than we had already seen in London. We also visited the great seed stores, including that of Vilmoren, Andrieux & Co., the head of which passed away on the 20th of July. We also visited some of the growers, "specialists," looking for something rare in plants. The public gardens are very fine and very large, and magnificently kept.

From Paris we went down to Belgium. I have not said much about France because I wish to take you to Belgium and Holland if you can stand it. Belgium is without doubt the great center for horticulturists to visit. Growing plants is one of the principal industries of the country. I wish I could give you a better description of

the country. There is so much to be seen that it is well worth spending a short time in some of the largest establishments.

[To be continued.]

ROSE NOTES.

In my last notes I made mention of the prevalence of leaf rollers, and since have received a letter from Messrs. Ritter & Co., Dayton, O., telling of an invention of theirs. It is a trap to catch the moths (which are the parents of leaf rollers), before they have laid their eggs. No doubt the invention will be advertised in The Review next season. We shall give it a trial. The pest has almost disappeared from our houses now.

The weather we have been having this month has made it necessary for the grower to be constantly on the alert, fires being necessary every night, and on many of the dark, rainy days we have had a gentle circulation through the pipes, with a little air on, which has been beneficial in drying up surplus moisture that may have accumulated in the houses.

Now that firing has commenced a mulch of fresh soil, well rotted cow manure, or pulverized sheep manure and bone meal, will be found advantageous. If sheep manure is used great care must be taken that it is not too strong.

Whichever fertilizer is used should be thoroughly mixed with the soil and spread evenly over the beds. It is best to have the beds in a fairly moist condition before the mulch is spread on, then great care must be exercised in watering, or the beds will become too wet, which all growers know is harmful.

NEW YORK.

The Dewey Celebration.

And again it is all Dewey. There is nothing, no, not even anybody, in New York this week but Dewey, and we only wish every American, yes, and alien, too, could be here to see New York on this occasion. Never was any city so decorated. Money seems to be no object, everything is exuberant patriotism.

We cannot now say anything about the florists' part in this celebration, for nothing is heard of any orders so far except several thousand yards of roping to be used on the posts in Fifth avenue. If any artistic eye is offended by this roping let it be known now that the artistic florists of New York are not responsible. Some obscure florist has got the job through politics and it is already a botch. We fail to see where hemlock comes in as an emblem of victory, and deeply lament the fact that floriculture, especially in New York, should be so much in opposition to the rules of true art which has guided every other part of this triumphal arch. So, my friends, if you come to New York and see hemlock

garlands and wreaths where laurel and palms should be, put it down to dirty politics and the fool who works for nothing.

Business Conditions.

Business has been very slow, consequently prices are low. When you can buy cattleyas for \$10 per 100 you can depend on it everything else is low. There never were so many cattleyas in the market at this time of the year before, but of course this will be all changed when cold weather sets in. Good violets are coming in and fair prices are obtained for them. Valley is abundant, in fact every kind of flower is, though a spurt in business is expected after the Dewey celebration. Most of the florists' stores have put on extra decorations for the event, a description of which will appear in our next.

The Florists' Club.

The board of trustees of the New York Florists' Club met on Sept. 25th to consider plans for the convention next year. A committee was appointed to see the managers of the Grand Central Palace at Forty-third street and Lexington avenue, and though of course no definite arrangements were made it looks as if that building will be recommended for the convention. The subject of a manager was discussed, and the committee will no doubt recommend some one for that responsible position at the next meeting of the Florists' Club.

This meeting, which will be held on October 9th, promises to be largely attended, for the board of trustees yesterday instructed the secretary to notify all members to be present at that meeting to decide whether the club will hold a general horticultural exhibition during the S. A. F. convention or just a mere trade show. The matter will be left entirely to the club to decide, and though of course private gardeners are in the minority in the club, there is no doubt that the large plant growers will take up their side. Altogether this promises to be a most interesting meeting, and it is almost sure it will be one of the largest in the history of the club.

Various Items.

John Osborne has opened a flower store at 157 East Twenty-eighth street.

John J. Foley, the Bowery florist, has opened a branch store at Twenty-ninth street and Eighth avenue.

Carl Jurgens, Jr., of Newport, R. I., is in town to see the Dewey celebration.

R. E. Shuphelt, Chatham, N. Y., was in town on Monday and was very enthusiastic as to the future, especially on violets, of which he grows large quantities.

F. J. Huss, formerly superintendent for George Morgan, Esq., Lenox, Mass., sailed on the steamship La Bretagne Saturday, Sept. 23rd, for a long visit to his old home. Mr. Huss was very popular in American horti-

cultural circles and a great many of his friends went to bid him bon voyage.

The Park Department estimates for 1900 ask for much more money than was allowed for the current year. Thus Park Commissioner George C. Clausen asks for \$1,206,250 for the parks of Manhattan and Richmond, as against \$846,280, the amount given him by the Board of Estimate for 1899. The increase of laborers' pay in the Brooklyn parks to \$2, he says, will cost \$19,327.95. The total demand for all the parks of the greater city is \$2,491,778.80.

Bowling.

The bowling alleys last Monday night were the scene of the utmost enthusiasm; a large crowd and lots of fun were there. Following are the scores:

O'Mara	168	148	174
Ruehrs	148	148	80
Burns	149	177	135
Withers	170	143	144
Troy	108	112	112
Stebrecht	116	93	170
Beck	125	125	125
Taendly	150	147	171
Lang	192	137	148
Stump	110	110	110
Schenck	150	159	148
Marshall	125	125	126
Doutan	126	117	122

A series of matches will be played between the New York and Flatbush Clubs, the first to take place on the New York alleys, Fifty-seventh street and Sixth avenue, at 3 p. m., Monday, October 9th. This will be the date of the Florists' Club meeting, and a large army of rooters is expected.

THE ROUNDUP.

PHILADELPHIA.

Notes.

Trade the past week has been fair, somewhat better than that of the previous week, with a very promising outlook for a good fall and winter. In fact a great many of the retail florists predict that the coming winter will be the best they have had for some years, as every indication points that way now.

Geo. E. Campbell, Germantown avenue, boasts of having the first chrysanthemums in flower around this vicinity. The variety is Lady Fitzwygram, one of the best whites. He has half a house of it, which pleases him all the more. The whole lot is sold to one of the large retail stores in town, to be delivered the first week in October.

Among the visitors the past week we noticed: P. J. Berckmans, Augusta, Ga.; S. A. Walton, Doylestown, Pa.; Chas. Dards, New York City; Miss Annie Decker, Lewistown, Pa.; Mr. Giles, Reading, Pa.; Mr. Jas. Gurney, superintendent of the Shaw Botanical Garden, St. Louis, Mo.; W. C. Krick, Brooklyn, N. Y.; Mr. Thornton, Lawrence, Mass.; P. O'Mara, New York City; Mr. Allandale and Mr. J. Duggan, both with the Steele, Briggs Seed Co., Toronto, Canada.

We also met Mr. Smith, of the firm of Smith & Fetters, Cleveland, O., who was on his way home after a two weeks' tour in the east. He seemed to be very favorably impressed with what he saw, and it brought back fond recollections, for Mr. S. is an old eastern boy, having spent a number of years in Bridgeport, Conn., in the employ of J. Horan & Son, whom he visited on his recent trip.

Prices.

American Beauties, \$2.50 to \$3 per doz.; Brides, Maids and Victorias, \$2 to \$5; La France, \$4 to \$5; Meteors, \$4 to \$6; Perles, \$2 to \$3; cattleyas, \$50; carnations, \$1 to \$1.50; adiantum, \$1; asparagus, 50 cents; smilax, 15 cents; asters, 50 cents to \$1; valley, \$3 to \$4; tuberoses, \$2 to \$3.

Exposition.

Florists throughout the country took great interest in the dahlia congress which met in the convention hall of the north pavilion of the National Export Exposition with many prominent florists present. The congress opened Monday, Sept. 26th. The cut blooms were exhibited in the convention hall while the 250 growing plants were in their beds at the south side of the main building. Lawrence K. Peacock, president of the American Dahlia Society, superintended the care of the flowers and conducted the meetings. All the blooms were from the trial grounds at Atco, N. J.

Among the many varieties exhibited the H. A. Dreer Co. showed a table of new cactus dahlias which attracted no little attention. They also exhibited two large tanks of cut nymphaeas and other aquatic plants, and a fine lot of tuberous begonia flowers, including the new frilled varieties, which are exceptionally fine.

Department Stores.

We noticed several of the department stores have another plant sale on of various decorative plants, such as Latanias, pandanus and rubbers, and a handsome jardiniere, as they put it, included with each plant, for the small sum of \$1.25. These sales have a decided effect on the retail florist, not only for the time being but have a tendency to demoralize the plant trade for weeks after, and in some cases prove disastrous. The growers who supply these department stores certainly do not realize the harm they are doing to their brother florists. They are practically depriving them of their bread and butter, so to speak.

Furthermore, they seem to forget that when they (the growers) first started, the retail stores were the only outlet through which they could dispose of their stock. Plant sales in department stores were not heard of at that time, hence this is rather a poor way to reciprocate. It is well known that the department stores can handle this stock on a smaller margin than can the retail florist, from the fact

that these sales are more of an advertisement than anything else. Therefore, how can the poor florists compete with them? R.



The late John P. Zimpelmann.

OBITUARY.

John P. Zimpelmann.

John P. Zimpelmann, a well known florist of Woodstock, Ill., and prominently identified with the annual state fair, died at his home in Woodstock, September 20th, aged 51 years.

Mr. Zimpelmann had lived in Woodstock since 1865, coming there from Alsace, then a province of France.

He was widely known and had many friends who will deeply regret to learn of his death.

ST. LOUIS.

The Market.

Business the past week was moderately good, either as a result of the cooler weather or the return of the summer tourists. As far as can be seen at present the prospects are for a favorable season and everybody is pleased with the general improvement in the trade. The supply of flowers has shortened up considerably and should this cold spell last the price on stock will go up.

Prices on flowers are as follows: Beauties, from \$1.50 to \$3 per dozen; Brides, Meteors, Maids and Perles bring from \$2 to \$5; carnations, from 75 cents to \$1.25 per 100; asters, 50 cents to \$1.50; tuberose spikes, \$4 per 100; smilax, \$12.50.

Show Matters.

Chrysanthemum show matters are progressing satisfactorily. The executive committee will meet Saturday evening to work on the final premium list and to dispose of details connected with the coming exhibition. The committee hopes to have the book out by October 14, just one month before the show opens. The show will be as large, if not larger, than last year. The location is good and with favorable weather we should make some money. The dates are November 14th, 15th, 16th, 17th and 18th. The following florists will this year have charge of the show: J. J. Beneke, chairman of the executive committee and general manager; Fred C. Weber has charge of the special prizes; Emil Schray is secretary of the committee; C. C. Sanders will again look after the finances, and J. W. Kunz, F. J. Fillmore and Carl Beyer will look after the decorating, advertising and other details. As all of the above are hard-working members, the florists may safely look forward for a great and prosperous show.

Visitors.

Mr. Wheeler and Arnold Ringier, of Chicago; Paul Berkowitz, of Philadelphia, and Mrs. W. J. Vesey, of Fort Wayne, Ind., called upon the trade last week.

Botanical Club Meeting.

The Engelmann Botanical Club will hold a fruit and flower show on Sept. 30, in the Board of Education building. This was decided at the meeting held at 1896 Locust street. The officers of the club are Prof. William Trelease, president; Herman Von Schreck, secretary. Seven new members were admitted to the club. An effort will be made to exhibit all flowers and fruits indigenous to this vicinity. Prof. Trelease, who is the director of the Missouri Botanical Garden, made a short address on ferns of Alaska, illustrating his remarks by exhibiting mounted specimens of fifty varieties of ferns found there and collected by himself.

Prof. Trelease returned from Alaska only a few weeks ago, where he accompanied the Harrieman expedition, composed of fifty of the most noted scientists of the country, who succeeded in making a most complete exploration of the Alaskan coast.

Notes.

Frank Ellis, who is with H. G. Berning, is confined to his home by sickness, but expects to be out by the end of the week.

The Bowling Club.

The St. Louis Florists' Bowling Club will, on Monday, Oct. 2, at 8 P. M., start their winter season of bowling. A meeting will be held the same night and all members are requested to be present, as the club has several matches on hand with clubs about the city. The delinquent members will be given one more chance to pay their back

dues, which accumulated during the summer months. Several prizes will be offered during the year to be bowled for. President Kunz wants every member to be present without fail.

CHICAGO.

The Market.

The cold, rainy weather seems to have cut off what little supply there was and there is a serious scarcity. Roses are stiff at \$3.00 to \$5.00 a hundred, and Beauties at \$1.25 to \$3.00 a dozen. Good carnations bring \$1.25 to \$1.50 a hundred. A few outside carnations are still coming in, but the quality is poor, except the stock from one grower, who had protected his plants by a cloth covering during the recent cold rains. This stock is good and is bringing \$1.50 per 100.

For the first time this season the demand for smilax and adiantums has caught up with the supply, and good smilax is bringing from \$1.50 to \$1.80 a dozen.

The Floral Float.

Plans have been pretty well completed for the Florists' Club float in the parade during the fall festival and it promises to be the most attractive in the parade. The float will be drawn by six horses and will have a platform 7½ feet wide and 18 feet long.

At the rear end will be a group of tall palms, in the midst of which will be placed a canopy under which a young lady will pose as Flora, with appropriate accessories. On the steps in front of her smaller girls, in appropriate costumes, will be seated.

In the center of the float will be a huge mound of flowers in variety, surmounted by a large vase of long-stemmed American Beauties. At the front will be a lower group of palms with a huge cornucopia of flowers facing forward.

Around the edge of the platform laurel roping will be fastooned, and the title, "Chicago Florists' Club," will appear on each side of the platform in eight-inch letters formed of electric lights.

The parade will be at night, Saturday, October 7. There will be two searchlights in each block along the line of march and one of these lights will be trained on each float while passing that block (only two floats being allowed to each block). The festival committee promises the florists next to the first position in the parade for their float.

The display of a really artistic and elaborate floral float before the immense crowd that will view this parade cannot fail to greatly benefit the whole trade, and everyone should freely do all in his power to see that the committee has an abundance of material to work with.

Bowling.

Last Friday evening three members of the Florists' Bowling Club played a match game with three members of

Cypress Greenhouse Material.

We are the pioneers in Clear Cypress Greenhouse Material. We discovered that Cypress is better than any other wood for greenhouses from top of posts up and we introduced it, and fought for it against many prejudices, and finally succeeded in bringing it into general use.

Others have attempted to follow where we lead, others are trying to reap what we sowed, but we have the experience and are recognized as experts in greenhouse construction.

Write for Circulars or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

the Armour Bowling Club, and the representatives of Flora won triumphantly over the men of meat. Following are the scores:

FLORISTS' BOWLING CLUB.						
Geo. Asmus	156	196	144			
Ed. Winterson	152	205	167			
G. Stollery	201	144	186			
Totals	519	545	496	1551		
ARMOUR BOWLING CLUB.						
Smith	163	111	125			
Ennis	119	139	134			
Pratt	100	78	101			
Totals	382	329	359	1071		

The usual batch of practice games were played the same evening and below will be found the scores and averages:

	1st	2nd	3rd	4th	5th	6th	Avg.
Aasmus ..	201	180	...	...	...	...	165
G. Stollery ..	223	132	...	...	...	...	177
Winterson ..	159	212	149	...	...	...	173
E. Stollery ..	158	157	165	...	...	...	160
Kristling ..	198	136	143	179	119	160	140
Degnan ..	120	164	152	115	152	134	139
Zeeb ..	147	129	...	...	...	...	138
Pruner ..	195	126	129	138	167	169	157
Bentley ..	121	172	110	115	...	...	129
Henderson ..	95	141	129	...	...	...	118
Hunt ..	118	...	...	...	...	...	118
Lange ..	129	116	95	...	...	...	113
Vaughan ..	112	...	...	...	...	...	112
Enders ..	104	121	72	100	...	...	101

Various Items.

Recent visitors: F. J. King, Ottawa, Ill.; Geo. Souster, Elgin, Ill.

THE LETTER E.

Under the letter E Mr. Scott treats fully in the Florists' Manual of the following subjects, all the articles being fully and handsomely illustrated with fine half-tone engravings:

- Easter Plants (9 illus.).
- Epaeris (illus.).
- Erica (illus.).
- Eriostemon.
- Eucharis (illus.).
- Eupatorium.
- Euphorbia.

PLEASE send us the news of the trade in your vicinity.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—At once, single man to take care of section of rose and carnation houses. Reinberg Bros., 51 Wabash Avenue, Chicago.

FOR SALE—A bargain, if taken at once. \$150.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

WANTED—Assistant foreman, must be good, rapid propagator, capable of taking charge of plant department. Address Crabb & Hunter, Grand Rapids, Mich.

SITUATION WANTED—Commercial or private place, by single man, 24 years old; 4 years' experience; good references. Address Emil Lauba, 343 Wells Street, Chicago.

FOR SALE—Old established florist business, 638 Washington Street, Hoboken, N. J.

FOR SALE—Greenhouse, barn and house, 4,500 ft. of glass; first class retail stand in a Massachusetts city; reason for selling, going into other business. Terms to suit buyer. Price \$3,500. Address Business, care of Florists' Review.

FOR SALE—Four greenhouses, 11 x 100 ft.; heated by hot water; well stocked with carnations, smilax, roses, lilies and chrysanthemums; doing a paying business, retail and wholesale; city water all over place. Bargain for the right person. Enos H. Daly, Rahway, New Jersey.

FOR SALE...

at a great sacrifice, if taken immediately. My Greenhouse Property,

Consisting of 8,000 feet of glass in excellent condition, with fine stock, nicely fitted office, shop, potting shed, new barn with storage cellar.

Everything ready for the coming year's trade.

An All property and business.

No competition within 60 miles any direction.

If you have money, address

Mrs. F. E. BLAIR,

BIG RAPIDS, MICH.

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THE Review's classified ads. are a great convenience is the verdict of the buyers. "It is so easy to find what you want."



DRAWN FROM NATURE
BY H. A. DREER, PHILA.

FIELD-GROWN CLUMPS OF SINGLE VIOLETS.....

We offer a fine lot of strong, healthy, Field-Grown Clumps of Single Violets.

LA FRANCE. The latest introduction in single varieties, best in color
freest in blooms of good size and deliciously scented.
\$1.25 per dozen, \$10.00 per 100.

**Admiral Avellan,
California,
Luxonne,
Princess of Wales,**

**GOOD STANDARD SORTS,
STRONG CLUMPS.**

\$1.00 per dozen.
\$8.00 per 100.

Our new **Quarterly Wholesale List**, offering a full line of seasonable stock
of Plants and Bulbs, has just been mailed, advise us if you failed to receive a copy.

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PHILADELPHIA.**

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At our
reduced prices
you can grow
better and
cheaper plants in

Jadoo

than in any
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Send for our new price lists.

THE AMERICAN JADOO CO.
817 Fairmount Ave.,
PHILADELPHIA, PA.

FOR PLANTS:
Use $\frac{1}{3}$ Jadoo Fibre, $\frac{2}{3}$ soil.
FOR BULBS:
Use $\frac{1}{2}$ Jadoo Fibre, $\frac{1}{2}$ soil.

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Roses, Carnations and Violets.

Bridesmaids, 3-in. stock \$5.00 per 100.
Meteors, 2½-in. pots 4.00 "
Kaiserin, 4-in. pots 8.00 "
Violets in 2½-in. pots 3.00 "
Field Grown Carnations, ready after Sept. 1st,
all the leading varieties, \$5.00 a 100, \$40.00 a 1,000.
Field Grown Violets, 5.00 " 40.00 "

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DUTCH BULBS

and

LILY OF THE VALLEY PIPS

For FORCING and OUTDOOR planting.
Florists and Dealers are invited to
send for Trade List, now ready.

J.M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

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S PULVERIZED SHEEP MANURE.

Something new in this line, as it's full strength.
Can use it with hose. 75-lb. sack, \$1.00;
per ton, \$14.00. Write for samples.

A. MITTING, - MORRIS, ILL.
Mention The Review when you write.

Asparagus Sprengerii,

2½-inch pots..... per 100, \$6.00
ASPARAGUS TENUISSIMUS, 2½-in. pots, " 4.00
CAREX VARIEGATA, " " 5.00
BEGONIA REX, 5-inch pans..... " 10.00
PRIMULA (Chinese), OBCONICA FRIM-
BRIATEM and OBCONICA HYBRID-
IM, 2-inch pots per 100, 2.50
3-inch pots 5.00
CYCLAMEN, finest strain, in 4 colors,
2½-inch pots 5.00

All of the above plants are in fine condition and
are sure to give satisfaction.

NATHAN SMITH & SON, Adrian, Mich.

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Perry Watson & Co.

CALIFORNIAN SEED HOUSE

—SPECIALTIES—

Onion Seed	Sweet Peas	Lima Beans
Lettuce	Cosmos	Salt Bush
Celery	Hollyhock	Bromus Grass
Carrot	Verbenas	Bermuda "
Salsify	Asters	Johnson "
Parsnip	Mignonette	etc.
etc.	etc.	

ALL CALIFORNIA GROWN. WHOLESALE ONLY.

SACRAMENTO CALIFORNIA

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offer to the trade remember that you
can sell it most quickly and cheaply
through an offer in the Review's Clas-
sified Plant Advs.

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CHRYSANTHEMUM SOCIETY OF AMERICA.

The committees judging seedling chrysanthemums will be in session October 7th, 14th, 21st, 28th and November 4th, 11th, 18th and 25th. Exhibitors should make their entries (for which a fee of two dollars is charged for each variety entered) to the secretary not later than Tuesday of the week they are to be shown.

All exhibits forwarded to the following addresses (express charges prepaid) will receive careful consideration:

Boston, Mass.—A. H. Fewkes, Horticultural Hall, Tremont street.

New York, N. Y.—E. Dailedouze, care New York Cut Flower Co., 119 West Twenty-third street.

Philadelphia, Pa.—A. B. Cartledge, 1514 Chestnut street.

Cincinnati, O.—R. Witterstaetter, care Cincinnati Cut Flower Co., corner Fourth and Walnut streets.

Chicago, Ill.—C. W. Johnson, care Illinois Cut Flower Co., 51 Wabash avenue.

ELMER D. SMITH, Secy.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

Registered Sept. 21, 1899. By M. H. Walsh, Woods Holl, Mass., rose J. S. Fay (Prince Camille de Rohan X Pierre Notting), vigorous, free and as hardy as the hardiest of the H. P. class; color deep crimson, tips of petals bright scarlet.

By W. E. Hall, Clyde, O., geranium Little Pink (Mars X Asa Gray), very dwarf, branching, very free; color bright pink. Geranium Clyde (sport from Mrs. E. G. Hill), habit same as parent, foliage a somewhat lighter green; color soft, brilliant scarlet.

By Peter Henderson & Co., New York, canna Governor Roosevelt (a sport from an unknown variety), strong, compact habit, foliage light green, height four feet; color red and yellow, irregularly striped, some flowers all red, the yellow slightly dotted with red; flowers full average size and of good form.

WM. J. STEWART, Secy.

ST. JOSEPH, MO.—Mr. Frank Stuppy has been confined to the house for a few weeks with acute tonsilitis, but is now improving.



CARNATIONS.

Fine large stocky plants. None better. Guaranteed to please you.

- | | |
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| | Per 100 |
| Flora Hill | \$1 to \$3 |
| Morello | 4 to 5 |
| M. Pingree | 3 to 4 |
| Scotts | 3 to 4 |
| Daybreak | 3 to 4 |
| McGowan's | \$2.50 to 3 |
| A few hundred Smilax left, 2-in., very strong, to close at \$1.00 per 100. | |
| Low express rates. | |

C. HUMFELD, Clay Center, Kansas.

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.....115,000 FIELD-GROWN.....

CARNATION PLANTS.

Our plants are very large and stocky, perfectly healthy, free from dry leaves, etc.

	Per 100	1000		Per 100	1000
WM. SCOTT, - -	\$4.00	\$30	DAYBREAK, - -	\$5 00	\$45
McGOWAN, - -	4.00	30	ANNA WEBB, - -	5.00	45
PORTIA, - -	4.00	35	JOHN YOUNG, - -	all sold.	
ELDORADO, - -	4.00	35	FLORA HILL, - -	"	
FISHER, - -	4.00	35	NEW YORK, - -	"	
200 ALASKA, - - -			\$4.00 per 100.		

Our prices are very low and are for CASH only.

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Primroses and Pansy Plants.

	Per 100	Per 1000
14,000 Obconica, 2 1/4-inch	\$2.00	\$18.00
41,000 Primulas, Alba Ruba and Mixed, 2 1/4-inch	2.00	18.00
4,000 Primulas, Japonica Alba, 2 1/4-inch	2.00	18.00
4,000 New Yellow Baby Primrose, 2 1/4-inch	10.00	90.00
24,000 Pansy Plants, Giant Flowering (large)		5.00
14,000 Petunias, Double, 22 varieties, Mixed, 2 1/4-inch	3.00	25.00
1,000 New Geraniums, De Roo Mitting	per doz.	1.20
200 Asparagus Plumosus, 6-inch	"	3.00
1,000 Lycopodium Dent., 2 1/4-inch, per 100		2.00
1,000 Pelargonium—The Queen, 2 1/4-inch, per 100		3.00
1,000 True Maidenhair Fern, 2 1/2-inch, per 100		5.00

THE MORRIS FLORAL CO.

MORRIS, ILL.

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E. G. Hill & Co.

Wholesale Florists,

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PANDANUS VEITCHII

- 6-inch pots, \$12.00 a dozen.
- 7-inch pots, 18.00 a dozen.
- 8-inch pots, 24.00 a dozen.

Stock is in excellent condition.

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Herr's Pansies.

Plants in abundance from now until March, no danger of your order not being filled, and less danger of your not being pleased with the strain. It is the best in the market, the best Florists say so.

PLANTS ONLY.

Free by mail at 75c per 100; 250 for \$1.50; 500 for \$2.50. By express, \$1.00 per 1,000.

ALBERT M. HERR,

Lancaster, Pa.

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Zirngiebel Giant Pansy.

Seed is \$1.00 for trade pkt., or \$5.00 per oz.

Also plants of the above at the same rate as common varieties, \$5.00 per 1,000, securely packed to go any distance. Large transplanted plants, for winter bloom, at \$2.00 per 100.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

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PANSIES WORTH RAISING....

SEEDS—3-16 oz., \$1.00; 1 oz., \$1.00.

PLANTS—By express, 500 for \$2.50; 1000 for \$4.00. Cash with order.

G. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.

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PANSIES.

The Jennings' strain large flowering. PLANTS now ready. All colors, finest mixed, by mail, 60c per 100; by express, \$4.00 per 1000. SEED of above, \$1.00 per pkt., \$5.00 per oz.

Cash with order. E. B. JENNINGS, Lock Box 251, Southport, Conn.

GROWER OF THE FINEST PANSIES

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CARNATIONS...

FIELD GROWN, AT STOCK.

Scott, Flora Hill, Portia, McGowan, Ivory and Pierson; also a few Harrison's White, Rose Queen, Goldfinch and Morello. Plants in two sizes: medium \$3.00 per 100; large \$5.00 per 100.

CRABB & HUNTER, - Grand Rapids, Mich.

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PLEASE SEND us an accurate list of those in the trade who receive their mail at your postoffice.

Carnations.

FIELD-GROWN PLANTS.

Until sold out we offer the following varieties, ALL STRONG, WELL-GROWN PLANTS:

An extra fine lot of Hector, Evelina and Joost. We must clear the field. Order quick!

Per 100	Per 100
Helen Keller.....\$5.00	Mrs. F. Joost.....\$6.00
Albertini..... 5.00	Fire Fly..... 4.00
Pingree..... 6.00	Argyle..... 5.00
McBurney..... 4.00	Cerise Queen..... 4.00
Triumph..... 6.00	Empress..... 5.00
Hector..... 6.00	Wm. Scott..... 6.00
Armazindy..... 4.00	John Young..... 6.00
Portia..... 4.00	Evelina..... 6.00
Storm King..... 5.00	New York..... 5.00
Wellesley..... 5.00	Dazzle..... 4.00

1000 rates, 20 per cent. discount.
500 plants at 1000 rates.

H. WEBER & SONS,
OAKLAND, MD.

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Field Grown Carnations..

September delivery and later.

We have a very large stock, including

G. H. CRANE, MACEO, GLACIER, and MRS. JAS. DEAN, in good, healthy condition.

Send for Price List.

F. DORNER & SONS CO.,
La Fayette, Ind.

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Bread and Butter CARNATIONS.

Uncle John and McGowan, Wm. Scott, Rose Queen and Albertini, (Red) Dazzle, Variegated, Old Glory. We all know these are good, reliable varieties that can be depended upon from start to finish. \$3.00 per 100, to clear the field quick.

12,000 Rose Plants occupy our propagating houses and must be moved at once to make room for 50,000 Verbena and Petunia Cuttings. In order to move this stock quick we will fill orders at half value for thirty days. Every plant guaranteed as fine as you ever saw; out of 3½ and 4-inch pots. Meteors, Brides, Maids at \$4.00 per 100, cheap at \$8. Same varieties, strong, 2½-inch, \$3.00 per 100; \$25.00 per 1000.

PRINCESS PAULINE AGERATUM, the greatest novelty of the year, fine pot plants, 50 cents per dozen, \$3.00 per 100. Cash with order, please.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

CARNATION PLANTS

FINE, STRONG, FIELD-GROWN

Per 100	Per 100
800 Flora Hill..... \$5.00	150 Argyle..... \$4.00
450 Bon Ton..... 4.00	125 Meteor..... 4.00
150 Scott..... 4.00	150 Mrs. Bradt... 4.00
100 Gov. Pingree.. 4.00	130 White Cloud.. 4.00
90 Eveline..... 5.00	150 Silver Sprav.. 3.00

E. HAENTZE, Fond du Lac, Wis.

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Begonias...

ASSORTED VARIETIES, FROM TWO-INCH POTS.

\$2.00 per hundred.

EXTRA STRONG.

Pansies, Giant Trimardeau Strain.....	per 100, 50c; per 1000, \$4.00
Bellis Perennis, Giant Red, Snowball.....	50c; " 4.00
Geranium, Double New Life, 2-inch pots.....	per 100, 4.00
Heliotrope, Purple and White, 2-inch pots.....	" 2.00
Ageratum, Princess Pauline, 2-inch.....	" 2.00
Double Petunias, four fine varieties, 2-inch.....	" 2.00
Rose Geranium, 2-inch.....	" 2.00

15 extra plants for every 100 ordered. Terms: cash or C. O. D.

Grevillea Robusta, 2-inch pots, strong, per 100, \$2.50

EDWARD B. JACKSON,

SEND FOR PRICE LIST.

STAMFORD, CONN.

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4 Acres Field-Grown Carnation Plants, 100,000

Our Carnations this year are very fine. They have been grown with the greatest care, free from disease, and packed by our improved system of packing by which we can send to all parts of the United States in perfect condition.

MAYOR PINGREE		BUTTERCUP	
\$1.50 per dozen, \$8.00 per hundred.			
C. A. DANA	ARMAZINDY	STORM KING	FLORA HILL
CRIMSON SPORT	DAYBREAK	JUBILEE	METEOR
CAP. KING	ALASKA	ELDORADO	
\$1.25 per dozen, \$6.00 per hundred.			
MCGOWAN	L. L. LAMBORN	SWEET BRIER	IVORY
BRIDESMAID	PORTIA	WM. SCOTT	MRS. FISHER
\$1.00 per dozen, \$5.00 per hundred.			

PANSY PLANTS. Grown from extra choice seed of our own production and not surpassed in variety, size, beauty of coloring and freedom of flower by any others grown. 50 cents per hundred, \$4.00 per thousand.

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J. L. DILLON, BLOOMSBURG, PA.

FINE FIELD GROWN CARNATION PLANTS.....

CHEAP FOR CASH.

2000 Bride of Earlscourt, extra fine.	
1000 Bridesmaid, "	
1000 Wm. Scott, "	
\$5.00 per 100; \$20.00 per 500; \$35.00 per 1000.	
1000 Helen Keller, good plants.	
2000 Lizzie McGowan, "	
1000 Wm. Scott, "	
\$3.00 per 100; \$13.75 per 500; \$25.00 per 1000.	

CHAS. AKEHURST & SON, White Marsh, Md.

THRIFTY FIELD CARNATIONS WITH PLENTY OF ROOTS.

Send for prices.
All the NEW and LEADING varieties.

GEO. HANCOCK & SON,
GRAND HAVEN, Mich.

Mention The Review when you write.

A SURPLUS

of Clean, Healthy Stock of No. 1 FLORA HILL FIELD-GROWN CARNATION PLANTS, at \$5.00 per 100, \$40.00 per 1000.

Victor, Empress, Bon Ton, at same price.
McGowans, \$3.00 per 100, \$25.00 per 1000.

Cash or satisfactory reference with all orders.

W. E. HALL, CLYDE, Ohio.

FIELD GROWN CARNATIONS.

BEST NEW AND STANDARD VARIETIES. Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

E. H. HUNT
THE "OLD RELIABLE" FOR
**Wholesale
Cut Flowers**
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

ST. PAUL.

Fall trade is opening up very good and the prospects for an active season's business are very flattering.

The supply of stock is not equal to the demand. There is a fair cut of roses, but carnations are scarce and of indifferent quality. H. J. Puvogel is bringing in some fairly good asters grown outside. A few belated sweet peas find their way to market, but are not sold very readily.

The growers have their carnation and violet plants about all benched and are getting their houses in shape for winter. While we have had no killing frosts in this section the nights are damp and cool, necessitating night firing.

W. G. Schucht, representing Ellis & Pollworth, was a caller this week. He has some fine specimens of palms and araucarias.

L. L. May and family have returned from an extended eastern trip.

Wm. Scott, who went to the Klondike sixteen months ago, has returned and accepted his old position with L. L. May & Co.

Ludwig Anderson, who had charge of the greenhouses at the State Public school, Owatonna, has returned to the employ of the above named firm.

S. B. Bowden, A. Martin and A. R. Hall, of this city, have filed articles of incorporation of The American Bag Filling Machine Co. They will place on the market a seed packet filling machine recently patented by Messrs. Bowden and Martin.

The Twin City Florist Club held its annual meeting at the West hotel, Minneapolis, Thursday evening, Sept. 21st. The following officers were elected: E. Nagel, president; P. Souden, vice-president; A. S. Swanson, secretary; F. Busch, treasurer; E. F. Lemke, S. D. Dysinger, G. Malmquist, executive committee. The next meeting will be held at the Ryan hotel, this city, October 14th.

C. A. Smith & Co., of Minneapolis, have just completed a carnation house, 160x16 feet in dimensions.

Visiting St. Paul: Mr. Mills, of the State Nursery Co., Butte, Mont.; S. B. Dicks and J. Comont, of London, England; Mr. Roberts and Mr. Hughes, representing S. A. Weller, jardinieres, etc., Zanesville, O. X. Y. Z

REINBERG BROS.
Wholesale Growers of
Cut Flowers
8 10,000 FEET OF GLASS.
No charge for packing.

Wholesale Price List.

AMERICAN BEAUTY		
30-36-inch stem	per doz.	\$3.00
24 "	"	2.50
20 "	"	2.00
15 "	"	1.50
12 "	"	1.25
8 "	"	1.00
METEOR	per 100,	4.00 to \$5.00
BEIDESMAID	"	3.00 to 4.00
BRIDE	"	3.00 to 4.00
PERLE	"	3.00 to 4.00
CARNATIONS	"	1.00 to 1.50

Quotations subject to change without notice. All other stock at lowest market prices.

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine . . .
AMERICAN BEAUTIES.
51 Wabash Ave., CHICAGO
We close at 6:30 p. m. Sundays and Holidays at noon.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in **CUT FLOWERS**
Greenhouses at Hinsdale, Ill.
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WIETOR BROS.
Wholesale Growers of **Cut Flowers.**
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
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W. E. LYNCH
Wholesale Florist,
19-21 E. Randolph St. CHICAGO.
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C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Flora Designs. A full line of supplies always on hand. Write for catalogue and prices
1122 PINE STREET, ST. LOUIS, MO
Mention The Review when you write.

A. L. RANDALL
Telephone 1496 Wholesale Florist
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders
Mention the Review when you write.

H. Berning
WHOLESALE FLORIST,
1322 Pine Street, ST. LOUIS, MO.
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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
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ELLISON & TESSON,
WHOLESALE SHIPPING
FLORISTS
3134 Olive Street, ST. LOUIS, MO.
...Home Grown Stock...
Mention the Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St., CHICAGO.
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Cincinnati Cut Flower Co.
W. A. MANN. FRANK W. BALL.
416 Walnut St. CINCINNATI, O. Wholesale Florists
Consignments Solicited. Special Attention Given to Shipping Orders.
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KENNICOTT BROS. CO.

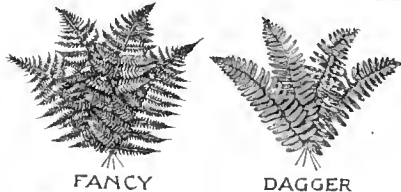
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42 and 44
Randolph St., **CHICAGO.**

WRITE FOR SPECIAL QUOTATIONS ON OUR OCTOBER WIRE WORK SALE.



51 Wabash Ave., Chicago.
W. S. HEFFRON, Mgr.



HARDY CUT FERNS

In 1000 lots, 75c per M. Discount on larger orders.
Also dealer in Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.
L. B. BRAGUE, - Hinsdale, Mass.

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO
Greenhouses; Pleasant Hill, Mo.

SMITH & SMITH,

Box 869, 337 Sixth Ave. Pittsburg, Pa.

BROKERS IN

Greenhouse Real Estate,
and Pipe, Glass,
Fittings, and other
Greenhouse construction
material.

We have an exceedingly good bargain---
Suburban Greenhouses and City Store-
room. Write for particulars and price.
Mention The Review when you write.

McKELLAR & WINTERSON, Wholesale Florists, 45-47-49 Wabash Avenue. CHICAGO.

OUR SPECIALTIES:
We have the LARGEST WHOLESALE House in Chicago. Orchids, High-Grade Roses, Carnations and Violets.
Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

.....PUT IN YOUR STOCK OF.....

Palms and Ferns NOW

We have a fine and large stock in popular sizes. Send for our list.

Use Our Improved Cut Flower Box.

Sample box, with list of sizes and cuts, mailed free.

ELLIS & POLLWORTH,

Mention The Review when you write.

MILWAUKEE, WIS.

FIRST QUALITY FORCING ROSES == PERFECTLY HEALTHY and grown especially for late planting.

Only selected growth from flowering shoots used in propagating.

SUNSETS. SAFRANO. PRESIDENT CARNOT. KAISERIN. METEOR.
MAIDS. WOOTTONS. PERLES. MME. HOSTE.

3-inch pots, \$5.00 per 100; 4-inch pots, \$8.00 per 100.

Mention The Review when you write.

J. L. DILLON, BLOOMSBURG, PA.

CABBAGE PLANTS.....

Field grown, 15c per 100, \$1.00 per 1000,
if by mail, add 10c per 100.

Write for prices on large lots for fall planting.

Lettuce. Boston Market, Tennis Ball, Curled Simpson and other varieties, field grown, 15c per 100; \$1.00 per 1000. If by mail, add 10c per 100.

Parsley. Strong plants, 35c per 100, \$2.50 per 1000; if by mail, add 20c per 100.
Other Vegetable plants in season. Cash with order.

R. VINCENT, JR. & SON,
White Marsh, Md.

Mention the Review when you write.

WE ARE NOW CUTTING

New Brides, Maids and Beauties.

Write

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

WASHINGTON.

Roses of all kinds are coming in from young stock, and are as fine as can be for this season of the year. Prices have stiffened somewhat; teas of all kinds are bringing from 3 to 6 cents and sell readily at that. On account of the housing of carnations they are somewhat scarce and don't bring more than one cent for any and all kinds. Demand for all stock has increased. A great many society people are now coming home on account of the Dewey celebration, which event causes them to return sooner than usual. From all indications this event will not cause any demand for flowers.

Growers all around are busy housing their carnations and mums. Carnations this season have gone a little above the average, as the season has been very favorable for them, but mums seem very much behind and all early ones will be at least two weeks later than usual.

D. Z. Blackstone has removed from his old place of business to the corner of Fourteenth and Eleventh streets, which gives him one of the largest and handsomest stores in the city. Mr. Blackstone is very popular among the florists, and he has the best wishes for success from every one.

Visitors this week were: B. Eschner, of Rice & Co., Philadelphia; Cook Bros., Baltimore; Wm. Bestor, Hagerstown, Md. F. H. KRAMER.

BROCKTON, MASS.

The regular monthly meeting of the Brockton Florists' and Gardeners' Club was held Thursday evening, Sept. 21, with about a dozen members present.

Messrs. Copeland & Cooper have dissolved partnership. The business will be continued by Mr. Charles Cooper. The store is nicely stocked with palms and pot plants and Mr. Cooper anticipates doing a good business this winter.

Business in general seems very good. Stock of all kinds is plenty and quality fair, excepting carnations, which are very small, especially the white ones.

Mr. Hathaway, in the Times block, has a very neat and charmingly arranged store and seems to be doing a good business.

Mr. Duly, of Randolph, is putting in his pinks for winter blooming. He expects to have his new houses completed by the first of October.

News was received here yesterday of the death of President French's mother. C. W. G.

SAGINAW, MICH.—August Buchholz, an employe at Roethke's greenhouses, was killed Sept. 16 by an electric shock, he having accidentally taken hold of some live electric wires. He was single, aged 22 years, and served in the 33d Michigan volunteers during the recent war.

5,000 Begonia Rex and 5,000 Primroses, EXTRA FINE.

POT PLANTS.

Farquhar Violets, 2 1/2-inch.....	\$3.00 per 100	Primrose, Chinese, 2 1/2-in., Extra Fine strain.....	\$3.00 per 100
Double White Stock, 2-inch.....	3.00 "	Manettia bicolor, 3-in.....	6.00 "
Forget-Me-Not (Winter Flowering), 2 1/2-inch.....	4.00 "	GERANIUMS—2 1/2-in. Sweet Scented	
Begonia Rex, assorted, 2 1/2-inch.....	4.00 "	Mrs. Pollock, Pansy.....	4.00 "
" named.....	6.00 "	Mrs. Parker.....	6.00 "
Lemon Verbena, 2 1/2-inch.....	3.00 "	Happy Thought, 2 1/2-in.....	4.00 "
Impatiens Sultana, 2 1/2-inch.....	3.00 "	Silver Leaf, 2 1/2-in.....	4.00 "

ROOTED CUTTINGS.

GERANIUMS—Assorted.....	\$1.50 per 100	GERANIUMS—Mme. Salleron.....	\$1.25 per 100
Mixed.....	1.25 "	Freak of Nature.....	4.00 "
Mars, Happy Thought.....	3.00 "	Begonia Rex.....	2.00 "
Mrs. Pollock.....	2.00 "	" Incarnata Gigantea.....	2.00 "
Mrs. Parker.....	4.00 "	" Flowering.....	2.00 "
Silver Leaf, Rose Scented, Ivy.....	1.50 "	Impatiens Sultana.....	2.00 "
		Manettia bicolor.....	2.00 "
		Forget-Me-Not (Winter Flowering).....	2.00 "

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Mention The Review when you write

\$-1899- SAVE MONEY AND SPEAK QUICKLY -1899-\$

This offer only holds good as long as stock is unsold.

NARCISSUS, Paper White Grandiflora, extra fine.....	\$ 6.75 per 100
ROMAN HYACINTHS, fine stock.....	14.00 "
LILIUM HAREISII, 5-7, all repacked.....	40.00 "

Terms net cash with order.

F. W. O. SCHMITZ, Importer, - - JERSEY CITY, N. J.

Mention The Review when you write.

Burpee's Seeds Grow

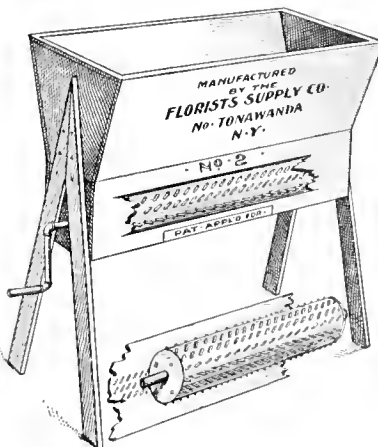
Forcing Roses.

BRIDE and BRIDESMAID, strong, 3-inch, \$3.50 per 100; 4 inch, \$5.00, to close out. Worth double the money.

HARKETT'S FLORAL NURSERY, DUBUQUE, IOWA.

Mention The Review when you write.

HUNDREDS of Florists are using our Pulverizers. You can regulate it. Send for list of testimonials.



Patent applied for.

No. 1, \$5.00; No. 2, \$10.00; No. 3, \$15.00. THE FLORISTS' SUPPLY CO., North Tonawanda, N. Y.

Mention The Review when you write.

Fine Strong Plants FOR STOCK

Geranium Mme. Jaulin, 3-in., \$8.00 per 100. The Peach Pink Bruant

Mme. de la Roux, all sold.

Abutilon Savitzii, 3-in., \$5.00 per 100. A grand and bushy—capital plant to use with Crotons.

Russelias Multiflora and Elegantissima,

2 1/2-in., \$2.50 per doz. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy.

Browalia Gigantea, all sold.

Acalypha Sanderii, all sold.

READY NOW.

THE COTTAGE GARDENS, Queens, N. Y.

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Do You Sell GARDEN TOOLS?

Send to us for cuts to show, in your next catalogue, the

"RAPID-EASY" Garden Weeder and the

"QUICK-AS-WINK" Hose Coupling,

two good selling time and labor savers.

Samples at wholesale price.

Descriptive circulars free.

THE W. J. CLARK CO.,

SALEM, OHIO, U. S. A.

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SAMUEL S. PENNOCK, Wholesale Florist

{ During the summer months, commencing July 3rd, will be open }
 { from 7:30 a. m. to 6 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention the Review when you write.

PITTSBURG CUT FLOWER CO., Ltd.
WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 705 Penn Avenue, PITTSBURG, PA.
 FLORISTS' SUPPLIES. Write for Price List. Mention The Review when you write.

CHINESE PRIMROSES.

EXTRA STRONG. Ready for 3-inch pots. Well known throughout the United States and Canada as the finest large flowering fringed varieties grown.
SPECIAL PRICES. SINGLE AND DOUBLE, in choicest assortment of named colors, \$2.00 per 100, \$17.00 per 1000; 250 at 1000 rate. Extras added liberally to help pay expressage. Strictly cash prices.
THE HOME OF PRIMROSES. JOHN F. RUPP, Shiremanstown, Pa.
 Mention the Review when you write.

COLD STORAGE Lily of the Valley, Fall 1899.

NOW IS THE TIME TO ENGAGE FIRST CLASS PIPS IN FINE CONDITION!
 Cases are supplied with from 1000 to 1200 pips at \$14.00 per 1000.
 Write for special prices for large quantities.
F. W. O. SCHMITZ, IMPORTER AND EXPORTER, JERSEY CITY, N. J.
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DRACÆNA INDIVISA.

100 4-inch plants, \$10.00
 SMILAX, strong plants, 2½-in., per 100, \$1.50

CARNATION PLANTS.

Flora Hill..... per 100, \$6.00
 Portia..... " 3 00
 Wm. Scott..... " 3.50
 These are not remnants.

GEORGE SOUSTER, ELGIN, ILL.
 Mention The Review when you write.

1840 Old Colony Nurseries, 1899
HARDY SHEUBS, TREES, VINES, EVERGREENS and PERENNIALS.

A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap.
 Trade list free on application.
T. R. WATSON, Plymouth, Mass.
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Primroses.

Chinese, ready for 3-in. pots, 1000, \$17.00; 100, \$2.00
 Obconica grand. " " " 18.00; " 2.00
 " rosea, ready for 3-in. pots, " 2.10
Forbesi, ready for 3-in. pots..... 3.10
 Pansey Plants, 1000, \$2.75..... .50
 Cash with order.

IOS. H. CUNNINGHAM, Delaware, Ohio
 Mention The Review when you write.

Galax Leaves...

For Summer Use in Cold Storage. Write the Introducer.
HARLAN P. KELSEY,
1106 Tremont Bldg., - BOSTON, MASS.
 Mention The Review when you write.

Asparagus Plumosus

Strings 10 feet long. Shipped to any part of the country. 50 cents.
W. H. ELLIOTT,
BRIGHTON, MASS.
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Cut Flower Exchange,

404 - 412 East 34th St., New York.
 NEAR THE FERRY.
 Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.
 Wall space for Advertising purposes to Rent.
J. DONALDSON, SECRETARY.
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Long's "Handy" Order Sheets

The practical leaders to correct order taking in hurried hours. **Single sample free.**
 Pad of 100 sheets, mailed for 24 cents in stamps.
 Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.
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GIVE US A TRIAL. WE CAN PLEASE YOU.



Roses, Carnations and all kinds of Seasonable Flowers in stock.

WM. F. KASTING, Wholesale Commission Florist.
 45t Washington St., BUFFALO, N. Y.
 Also Dealer in Florists' Supplies and Wire Designs.

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WM. J. BAKER,
WHOLESALE CUT FLOWERS,
 1432 S. Penn. Square, PHILADELPHIA, PA.
 Original Headquarters for CARNATIONS.
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Rose Hill Nurseries.
 Palms, Orchids, Roses, Ferns AND FOLIAGE PLANTS.
 Largest stock in America.
SIEBRECHT & SON,
 New Rochelle, N. Y.
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Nephrolepis Washingtoniensis

A magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house.
 3 good plants from 2-in. pots, mailed for \$ 1.00
 100 " " 3 " expressed " 40.00
 100 " " 4 " extra fine, 60.00

JOHN H. LEY, GOOD HOPE, D. C.
 Mention the Review when you write.

Orchids.

Just arrived in fine condition a fresh shipment of *Cuttleya Lablata* and *C. Speciosissima*, also a limited quantity of *C. Gaskelliana*.
CHERRY WOOD BASKETS, FRESH MOSS AND PEAT.
Lager & Hurrell, Growers and Importers.... Summit, N. J.
 Mention The Review when you write

Mention The Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii. A grand bedding plant. Grows dwarf and bushy. Capital plant to use with crotons. 3-inch, \$5.00 per 100. The Cottage Gardens, Queens, N. Y.

AGERATUM.

Princess Pauline, fine pot plants, 50c per doz.; \$3.00 per 100. South Side Floral Co., Springfield, Ill.

Princess Pauline, 2-inch, \$2.00 per 100. Edw. B. Jackson, Stamford, Conn.

APPLE ROOT GRAFTS.

Per M, \$4.00, 5 to 10 M at \$3.75, over 10 M, \$3.50 per M. H. E. Rowley, Lacon, Ill.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengerii, 2-inch, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$4.00 per 100. Geo. Wittbold, 1708 N. Halsted St., Chicago.

Asparagus Plumosus, 3-inch, \$6.00. Asparagus Sprengerii, 2-inch, \$5.00 per 100. Geo. M. Emmans, Newton, N. J.

Asparagus Sprengerii, 2½-in., \$6.00 per 100. Asparagus Tenuissimus, 2½-in., \$4.00 per 100. N. Smith & Son, Adrian, Mich.

Plumosus, strong, 2-in., \$4.50 per 100; \$40.00 per 1000. Sprengerii, 3-in., \$7.00 per 100. C. Merkel & Son, Mentor, O.

600 Asparagus Plumosus, strong, 3-in., \$8.00 per 100. H. Steinmetz, Raleigh, N. C.

Asparagus plumosus, all sizes. A. S. MacBean, Lakewood, N. J.

200 A. plumosus, 6-inch, \$3.00 per doz. Morris Floral Co., Morris, Ill.

AZALEAS.

We offer all the leading varieties: First size, 10 to 12 in. diam., \$40 per 100. Select, 12 to 14 in. diam., \$50 per 100. Extra size, 14 to 16 in. diam., \$60 per 100. Specimen plants from \$1.00 each up. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

The Indian Azalea Nurseries (established 1842) is the best place in Europe to send your orders for Azalea Indica. Of 85,750 plants sold in 1898, 36,200 went to florists in the United States and Canada. Order early. Eng. Vervaeet de Vos, Swynaerde, Ghent, Belgium.

Azalea Indica, 4-inch pots, stems 6 to 12-inch, bushy, \$15.00 per 100. Jos. R. Freeman, 612 13th St., Washington, D. C.

BEGONIAS.

5000 Begonia Rex. Assorted, 2¼-inch, \$4.00 per 100. Named, \$6.00 per 100. Rooted cuttings: Rex, \$2.00 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

Assorted varieties from 2-in. pots, \$2.00 per 100. Extra strong. Cash please. Edw. B. Jackson, Stamford, Conn.

Flowering Begonias, assorted, and Peperomia, 2½-inch, \$1.50 per 100. Cash. Byer Bros., Chambersburg, Pa.

Strong 2 and 2½-in., in best varieties, \$2.00 per 100. E. C. Bunyar, Independence, Mo.

Begonia Rex, full assortment. Mixed, 3-inch, \$4.00 per 100. Geo. M. Emmans, Newton, N. J.

Gloire de Lorraine, 2-in., \$2.50; 3-in., \$3.50 per doz. C. Merkel & Son, Mentor, O.

Begonia Rex, per 100, 5-in. pans, \$10.00. N. Smith & Son, Adrian, Mich.

BERRIED PLANTS.

Jerusalem Cherries, fine plants from field, loaded with fruit, will take a 6-in. pot; will be in perfect condition for Christmas sales, \$2.00 per dozen; \$15.00 per 100. Clifton's Greenhouses, Germantown, Phila., Pa.

Solanums, field grown, strong plants, well set with berries, \$12.00 per 100. M. F. La Roche, Agt., Collingdale, Pa.

BOUGAINVILLEAS.

Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$8.00 per 100. P. J. Berckmans Company, Augusta, Ga.

"The Classified Advs. are a great convenience" is the verdict of the buyers.

BOUVARDIAS.

Single white and double white, strong plants from 2½-inch pots, \$3.00 per 100; 4-inch, \$8.00 per 100. J. Palmer Gordon, Ashland, Va.

BROWALLIA.

Browallia, 2-in., \$2.50 per 100. Best varieties. Henry Smith, Grand Rapids, Mich.

BULBS.

Freesia Bulbs, for immediate delivery. Select mammoth bulbs, \$6.00 per 1000; First size, \$5.00 per 1000; second size, \$4.00 per 1000. California grown.

Calla Bulbs, select California grown. First size, 1¼ to 1½ in. diam., \$5.00 per 100; Select, 1½ to 2 in. diam., \$7.00 per 100; Extra select, 2 to 3 in. diam., \$9.00 per 100. Order now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Japan Longiflorum now ready for delivery. The bulbs are unusually fine and we are offering them at the following prices: 6 to 8 in., \$4.50 per 100; \$40.00 per 1000. 7 to 9 in., \$6.00 per 100; \$60.00 per 1000. Also large stock of Holland and French bulbs which we will quote on application. W. W. Rawson & Co., 12 & 13 F. H. Sq., Boston, Mass.

Narcissus Paper White grandiflora, extra fine, \$6.75 per 1000. Roman Hyacinths, fine stock, \$14.00 per 1000. Lilium Harrisii, 6-7, all repacked, \$40.00 per 1000. This offer holds good only so long as stock is unsold. Terms, net cash with order. F. W. O. Schmitz, Importer, Jersey City, N. J.

Lil. longifl., sound and plump, 5x7, 100, \$2.50; 1000, \$22.50; 6x8, \$4.00—\$35.50; 7x9, \$6.50—\$60.00; 9x10, \$12.00. Calla, extra fine, 3-5, 100, \$4.00; 1000, \$35.00. Cyclamen giganteum, gorge us colors, doz., \$1.50; 100, \$9.00. H. H. Berger & Co., 47 Barclay St., New York.

Cold storage Lily of the Valley pips. Now is the time to engage them. Cases are supplied with from 1000 to 1200 pips at \$14.00 per 1000. Write for special prices in large quantities. F. W. O. Schmitz, Jersey City, N. J.

Freesia alba, ¾-inch diameter and up, \$3.00 per 1000; ½-inch and up, \$5.00 per 1000. small bulbs. I guarantee all to bloom, as I have tried them. C. Ammann, 7th Ave. & 120th St., New York City.

Dutch Bulbs and Lily of the Valley pips for forcing and outdoor planting. Trade list now ready. J. M. Thorburn & Co., 36 Cortlandt St., New York City.

Ard Righ, best and earliest Daffodil, for forcing. Write for price to Mrs. I. W. Kersey, Hayward, California.

Freesia bulbs. Per 1000: ½-inch, \$3.50; ¾-inch, \$2.50; 1-3-inch and under, \$1.50. J. E. Boyce & Co., Santa Monica, Cal.

Samples of Washington-grown Tulips and Crocuses by mail for 50 cents. Geo. Gibbs, Orcas, Washington.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Pearl Tuberose Bulbs and Caladium Esculentum. Jas. M. Lamb, Fayetteville, N. C.

Highest grade Gladiolus Bulbs and Seed. Frank Banning, Kinsman, O.

Home grown Tenuifolium lily bulbs, \$7.00 per 100. F. H. Burdett, Clifton, N. Y.

CALADIUMS.

Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100. P. J. Berckmans Company, Augusta, Ga.

CANNAS.

Canna bulbs, ready this fall, \$7.00 per 1,000. cash. M. T. Thompson, Rio Vista, Va.

CARNATIONS.

Our carnations are fine, grown with the greatest care; free from disease. Packed by our improved system they can be shipped to all parts of the U. S. in perfect condition. Mayor Pingree and Buttercup, \$1.50 per doz.; \$8.00 per 100. C. A. Dana, Crimson Sport, Cap. King, Armazindy, Daybreak, Storm King, Junilee, Alaska, Flora Hill, Meteor and Eldorado, \$1.25 per doz.; \$6.00 per 100. McGowan, Bridesmaids, Fisher, Lamborn, Portia, Sweetbrier, Albertini, Ivory and W. Scott, \$1.00 per doz.; \$5.00 per 100. J. L. Dillon, Bloomsburg, Pa.

We offer the following varieties, all strong, well grown plants. An extra fine lot of Hector, Evelina and Joost. We must clear the field. Order quick. Per 100, Helen Keller, \$5.00. Pingree, Triumph, Hector, Joost, Scott, J. Young and Evelina, \$6.00. Albertini, Storm King, Wellesley, Argyle, Empress and New York, \$5.00. McBurney, Armazindy, Portia, Fire Fly, Cerise Queen and Dazzle, \$4.00. 1000 rate, 20 per cent discount. 500 plants at 1000 rate. H. Weber & Sons, Oakland, Md.

Field grown carnations, strong plants, clean and ready for immediate planting.

Junilee, Triumph and Flora Hill, \$5.00 per 100; \$45.00 per 1000.

Argyle and Armazindy, \$4.00 per 100; \$35.00 per 1000.

Tidal Wave, Mayor Pingree, Evelina, McGowan, Alaska, Bon Ton, Scott, \$3.50 per 100; \$30.00 per 1000.

Wietor Bros., 51 Wabash Ave., Chicago.

Field grown carnations in fine condition. We still have the following to offer: Evelina, Armazindy, McBurney, Argyle, \$5.00 per 100; \$40.00 per 1000. Flora Hill, \$5.00 per 100; \$45.00 per 1000.

McGowan, Alaska, Mayor Pingree, Tidal Wave, Wm. Scott, Portia, Nancy Hanks, Kohlnoor, \$3.00 per 100; \$25.00 per 1000.

Rabinberg Bros., 51 Wabash Ave., Chicago.

40,000 field grown carnations, Scott, McGowan and Portia, \$5.00 per 100. Also fine stock of Flora Hill, Bon Ton, John Young, Pinkus, Armazindy and Pingree. Send for special prices of what sorts and how many you can use, also samples. Personal inspection of my stock is invited.

A. J. Sharp, Bedford Station, N. Y.

Fine field grown plants, cheap for cash. 2000 Bride of Earlscourt, 1000 Bridesmaid, 1000 Scott, extra fine, \$5.00 per 100; \$20.00 per 500; \$35.00 per 1000. 1000 Helen Keller, 2000 Lizzie McGowan, 1000 Scott, good plants, \$3.00 per 100; \$13.75 per 500; \$25.00 per 1000. Chas. Akehurst & Son, White Marsh, Md.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Extra fine field grown plants, ready in the following varieties: Flora Hill, \$6.00 per 100; \$50.00 per 1,000. Daybreak and Triumph, \$5.00 per 100; \$40.00 per 1,000. Genesee, Scott and Meteor, \$4.00 per 100; \$35.00 per 1,000. McGowan, \$3.00 per 100; \$25.00 per 1,000. Cash with order. W. A. Wettlin, Hornellsville, N. Y.

Large, healthy field-grown plants. McGowan, \$3.50 per 100; \$35.00 per 1,000. Victor, Flora Hill, \$6.00 per 100. Daybreak, Alaska, \$5.00 per 100. Chas. E. Harte, Meriam, Johnson Co., Kan. Meriam is only 10 miles from Kansas City, Mo.

Alaska, Albert M., Tidal Wave, Evelyn, Wm. Scott, Genesee, M. Tor, Mayor Pingree, Flora Hill and Victor, \$5.00 per 100. Ceres Queen, the best new, medium plants, \$6.00 per 100. Geo. A. Rackman, 880 Van Dyke Ave., Detroit, Mich.

Strong, field-grown. 800 Flora Hill, 90 Evelyn, \$5.00 per 100. 450 Bon Ton, 150 Scott, 100 Pingree, 150 Argyle, 125 Meteor, 150 Mrs. Bradt, 120 White Cloud \$4.00 per 100. 150 Silver Spray, \$3.00 per 100. E. Haentze, Fond du Lac, Wis.

Good plants, field grown. Flora Hill, Triumph and Evelyn, \$6.00 per 100. \$50.00 per 1,000. Eldorado and Daybreak, \$5.00 per 100; \$45.00 per 1,000. Gold Nugget, \$8.00 per 100. Wm. Scott, \$4.00 per 100. Geo. F. Christie, Clifton Heights, Pa.

Field grown, Al stock. Scott, Flora Hill, Portia, McGowan, Ivory and Pierson; also a few Harrison's White, Rose Queen, Goldfinch and Morello. Plants in two sizes, medium, \$3.00; large, \$5.00 per 100. Crabb & Hunter, Grand Rapids, Mich.

Support your Carnations with the Model Extension Carnation Support, now regarded as the standard support, and by far the best yet offered. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

Fine field grown plants. Scott, Portia, McGowan, Eldorado, Pingree, Flora Hill, Mrs. Fisher, Tidal Wave, M.rello, Daybreak, \$1.00 per 100. Cash with order. The Lawrence Greenhouses, St. Marys, O.

Field grown. September delivery and later. We have a very large stock including G. H. Crane, Maceo, Glacier and Mrs. Jas. Dean, in good, healthy condition. Send for price list. F. Dorner & Sons Co., La Fayette, Ind.

Scott, Helen Keller, Kohlnoor, Tidal Wave, Sweet Brier, Storm King, Outcast, Victor, Daybreak and Meteor, \$4.00 per 100. The above are good No. 1 plants; good shape, no culls. Evenden Bros., Williamsport, Pa.

1500 Genesee, 500 Ivory, 500 Portia, and a few hundred Scott, McGowan, Tidal Wave, Pingree, fine, healthy, large plants, \$5.00 per 100; \$45.00 per 1,000. Cash or reference. John Schafer, Ballston Spa, N. Y.

Fine, large plants, none better, guaranteed to please. Per 100, Flora Hill and Morello, \$4.00 to \$5.00; Pingree, Scott, Daybreak, \$3.00 to \$4.00; McGowan, \$2.50 to \$3.00. C. Humfeld, Clay Center, Kan.

Now ready. Daybreak, Scott, McGowan, Eldorado, Portia, Bridesmaid, C. A. Dana, Jabn's Scarlet T. Cartledge, A. Webb, Morello and Meteor, \$4.00 per 100, cash. Dana R. Herron, Olean, N. Y.

A nice lot of medium size Scott, Portia, McGowan, Tidal Wave and Scarlet Wave, \$20.00 per 1000. No order for less than 500 accepted. Oscar P. best, Rutledge, Del. Co., Pa.

Extra strong, bushy plants. Daybreak, \$5.00 per 100; Victoria, \$6.00 per 100. Cash. E. Towill, Roslyn P. O., Hillside Sta., Montgomery Co., Pa.

Uncle John, McGowan, Scott, Rose Queen, Albertini, Dazzle (red), Old Glory (variegated), to clear the field quick will sell at \$3.00 per 100. South Side Floral Co., Springfield, Ill.

A few thousand Victor and Daybreak, from field, fine, strong plants, \$6.00 per 100; \$55.00 per 1000. Cash with order. Halliday Bros., 11 E. Baltimore St., Baltimore, Md.

Thrifty field carnations with plenty of roots. Send for prices. All the new and leading varieties. Geo. Hancock & Son, Grand Haven, Mich.

Strong, field-grown. 300 Triumph, 175 Portia, 150 Daybreak, 150 Wm. Scott, 400 M. Pingree, at \$3.50 per 100. Jos. Laba, 806 Raynor Ave., Joliet, Ill.

500 Jubilee, medium to large, clean and healthy, \$5.00 per 100. All other varieties sold. Cash with order. W. Sabransky, Kenton, Ohio.

Dorothy Sweet Best scarlet carnation to date, 10,000 plants ready now. Price, \$10.00 per 100; \$80.00 per 1000. 500 at 1000 rate. T. A. Webb, Corfu, N. Y.

Carnations. Daybreak, Scott, Genesee, strong, bushy plants, \$5.00 per 100. Cash with order. Geo. E. Fancourt, Wilkes-Barre, Pa.

Field grown plants now ready. Send for price-list. Wm. Murphy, Sta. F., Cincinnati, O.

Daybreak. Extra fine field grown plants, now ready for delivery, \$6.00 per 100. John McFarland, North Easton, Mass.

20,000 field carnations. McGowan, Scott and Portia, \$4.00 per 100. All healthy and O. K. Benj. Connell, Florist, West Grove, Pa.

We have a fine stock of field grown carnations in all varieties. Send for complete list. Ellis & Pollworth, Milwaukee, Wis.

Scott, McGowan and Daybreak, fine, strong plants, \$3.00 per 100. Sample 10c. Albert H. Brown, Westboro, Mass.

Field grown, fine stock, standard varieties, \$5.00 per 100. Henry Smith, Grand Rapids, Mich.

Strong, field grown plants. McGowan and Scott, \$4.00 per 100; \$35.00 per 1000. Cash. Chas. F. Doll, Seymour, Conn.

Scott and Daybreak, \$5.00 per 100. Bon Ton, \$7.00 per 100. Strong, field grown plants. Chas. H. Green, Spencer, Mass.

Flora Hill, Daybreak, Scott, Portia, Cartledge, Victor. Extra fine at low prices. J. J. Styer, Concordville, Pa.

Flora Hill, Daybreak, Scott and Portia, \$5.00 per 100; \$40.00 per 1000. C. Merkel & Son, Mentor, O.

Best new and standard varieties. Write for catalogue and prices. W. P. Peacock, Atco, N. J.

Strong plants, per 100, Flora Hill, \$6.00; Portia, \$3.00; Wm. Scott, \$3.50. Geo. Souster, Elgin, Ill.

115,000 field-grown carnation plants. See page 446. Edw. J. Taylor, Southampton, Conn.

McGowan, 4 to 8 leads, \$4.00 per 100. J. D. Jmlay, Zanesville, O.

Scott, Daybreak, Margold, Bon Ton \$5.00 per 100. H. F. Littlefield, Worcester, Mass.

CONTINENTAL SPECIALTIES

Continental Specialties and Novelties. Lists free. H. Henkel, Darmstadt, Germany.

CINERARIAS.

In finest mixture, from flats, \$1.75 per 100. E. Fryer, New Lots Ave., Brooklyn, N. Y.

CLEMATIS.

One and 2 years, pot and field grown. George Bros., East Penfield, N. Y.

CYCLAMEN.

Cyclamen, select, 3-inch, \$12.00 per 100; 4-inch, \$15.00 per 100; 5-inch, \$25.00; extra select, 7-in., ready for 6-inch, \$4.00 per dozen; 6-inch, \$6.00 per dozen; 7-inch, specimens, \$12.00 per dozen. McKellar & Wintersen, 45, 47, 49 Wabash Ave., Chicago.

4-inch, strong, from best seed obtainable, \$15.00 per 100. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Finest strain in 4 colors, 2½-in., \$5.00 per 100. N. Smith & Son, Adrian, Mich.

CYPERUS ALTERNIFOLIUS.

Strong, 3 and 4-in., \$1.00 per doz. South Side Floral Co., Springfield, Ill.

DAISIES.

Bellis Perennis, Giant Red and Snowball, 50c per 100; \$4.00 per 1000. Edw. E. Jackson, Stamford, Conn.

DRACAENA INDIVISA.

Fine, stocky plants, absolutely healthy, 16 to 24 inches high (measured natural position), 6 inch pots, \$10.00 per 100; 1200 for \$100.00. F. O. B., satisfaction guaranteed. With proper care this lot can be easily sold next spring for \$200.00, but must be sacrificed now for lack of room. Cash with order, please. Chas. Gifford & Co., Oriskany, N. Y.

3-in., \$5 per 100, field grown, ready for 6-in., \$12 per 100. McCrea & Cole, Battle Creek, Mich.

Dracaena Indivisa, from field, \$15.00 per 100. C. Merkel & Son, Mentor, O.

Dracaena indivisa, 100 4-inch plants, \$10.00. Geo. Souster, Elgin, Ill.

ERICAS.

Ericas for October delivery. Plants set with bud. All sizes of the best commercial sorts at reasonable prices. H. D. Darlington, Flushing, N. Y.

Erica Wilmoreana, 5-inch pots, fine, bushy plants, \$4.00 per doz. 4-inch pots, \$3.00 per doz. Chas. Lenker, Freeport, L. I., N. Y.

FERNS.

The Boston Fern. Elegant specimen plants for 7, 8 and 10-in. pots, spread 4 to 6 feet, at 50c, 75c and \$1.00 each; smaller ones at 20c and 25c each for 5 and 6-in. pots. Cut from bench. No better money getter. Send orders now to get up for fall sales. Can be safely shipped anywhere in U. S. Small plants, \$5.00 per 100; \$40.00 per 1000. L. H. Foster, 45 King St., Dorchester, Mass.

Nephrolepis Washingtonensis, a magnificent new fern, forming a very attractive specimen as a pot plant, and most valuable for cutting. Fronds solid, metallic, broad, and growing 6 to 8 feet high. Cold house. Three good plants from 2-inch pots mailed for \$1.00; 100 good plants from 3-inch pots expressed for \$40.00; 100 extra fine plants from 4-inch pots, \$60.00. John H. Ley, Good Hope, D. C.

Boston Ferns. Fine pot grown plants ready for 8 and 10-inch, 75c and \$1.00 each. Excellent bench grown plants ready for 5, 6 and 7-inch pots at 40, 50 and 60 cents each. Now is the time to order and get up. A. J. Baldwin, Newark, Ohio.

5000 Pteris adiantoides, choice 2½-inch, \$3.00 per 100. 500 Maidenhair ferns, 2½-inch, \$3.00 per 100. 1000 Selaginella, 3-inch, fine, \$5.00 per 100. All A1 stock. J. N. Champion & Co., New Haven, Conn.

Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rate. Wm A. Bock, No. Cambridge, Mass.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

FERNS—Continued.

Ferns for dishes, strong, 2 and 2½-in., \$3.00 per 100; \$27.50 per 1000. Maranta Massangeana, no fern dish complete without it, \$5.00 per 100; \$40.00 per 1000.
C. Merkel & Son, Mentor, O.

Adiantum cuneatum, select stock, \$6.00 per 100; \$55.00 per 1000. Ready for shipment at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

1000 true Maidenhair fern, 2½-in., \$5.00 per 100. 1000 *Lycopodium* dent., 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

Boston Ferns. Genuine stock, \$5.00 per 100; \$40.00 per 1000. Not less than 250 at 1000 rate.
E. E. King, Attleboro, Mass.

Pteris tremula, 3-in., fine, \$12 per 100.
McCrea & Cole, Battle Creek, Mich.

Boston Ferns, 2½-inch, \$4.00 per 100. Cash.
Byer Bros., Chambersburg, Pa.

FORGET-ME-NOTS.

Winter flowering, 2½-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

*Large flowered, blue, hardy, everblooming, 60c per 100; \$4.00 per 1000.
L. H. Read, Grand Rapids, Wis.

FRUIT PLANTS.

Downing's Gooseberry. Best and most prolific variety grown. Have sold 12 tons of fruit in one season here. 1 year, \$1.50; 2 years, \$2.50 per 100. Special prices for larger lots.
F. A. Baller, Bloomington, Ill.

Golden Queen Raspberry plants, \$1.00 per 100; \$8.00 per 1000.
H. E. Rowley, Lacon, Ill.

GARDENIAS.

Gardenia Florida, from 3-inch pots, 8-10 inches, branched, \$10.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

GENISTAS.

2 years old, for 7 and 8-inch pots, well trimmed, \$25.00 per 100.
M. F. La Roche, Agt., Collingdale, Pa.

3-inch, very bushy, \$10.00 per 100. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

GERANIUMS.

Sweet Scented, Mrs. Pollock, Pansy, 2½-inch, \$4.00 per 100; Mrs. Parker, 2½-inch, \$6.00 per 100; Happy Thought, Silver Leaf, 2½-in., \$4.00 per 100. Rooted cuttings: Assorted, \$1.50 per 100; mixed, \$1.25; Mars, Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Silver Leaf, Rose scented, Ivy, \$1.50; Mrs. Parker, Freak of Nature, \$4.00; Mme. Sallerol, \$1.25. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Apple scented geraniums. I have a large stock of this fine, fragrant geranium. Strong, healthy plants, 5 cts. each; \$4.00 per 100.
W. J. Hesser, Plattsmouth, Neb.

Mme. Jaulin, the peach pink Bruant, 3-inch, \$8.00 per 100.
The Cottage Gardens, Queens, N. Y.

Double New Life, 2-inch, \$4.00 per 100. Rose geranium, 2-inch, \$2.00 per 100.
Edw. B. Jackson, Stamford, Conn.

1000 new Geranium De Roo Mitting, per doz., \$1.20.
Morris Floral Co., Morris, Ill.

800 apple geraniums, 2½-in., \$4.00 per 100.
H. Steinmetz, Raleigh, N. C.

GREVILLEA.

Grevillea Robusta, 2-in., strong, \$2.50 per 100.
Edw. B. Jackson, Stamford, Conn.

Grevillea robusta, 3-in., \$12.00 per 100.
McCrea & Cole, Battle Creek, Mich.

HARDY PLANTS.

Blota Aurea Nana, a perfect gem, fine, shapely plants, hardy north. 10 to 12 inches high, \$10.00 per 100; \$50.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

Hardy shrubs, trees, vines, evergreens and perennials. A large and fine stock of well rooted plants, grown in a sandy loam. Good plants, best sizes for planting, very cheap. Trade list free on application.
T. R. Watson, Plymouth, Mass.

Hardy Herbaceous Perennials. The most complete stock in America. Paeonies, Phlox, Iris, Delphiniums, etc., etc.
Jacob W. Manning, The Reading Nursery, Reading, Mass.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

F. & P. Nurseries, Springfield, New Jersey. Wholesale growers. Trees and Plants in full assortment. Trade catalogue free.

Hardy southern shrubs, plants, bulbs, etc. Send for list. Milford A. Russell, Altifirma Nursery, Highlands, N. C.

Azalea Amoena. Hardy shrubs and trees in great variety. Send for price list.
Samuel C. Moon, Morrisville, Bucks Co., Pa.

Dielytra, or Bleeding Heart, \$6.00 per 100; \$50.00 per 1000. S. E. Hall, Cherry Valley, Ill.

HELIOTROPE.

Purple and white, 2-inch, \$2.00 per 100.
Edw. B. Jackson, Stamford, Conn.

If you read these advs. others would read yours.

HYDRANGEAS.

Hydrangea Otaksa, strong plants from the open ground, just right for potting up for Easter, at \$5.00, \$10.00 and \$15.00 per 100.
VICK & HILL CO., ROCHESTER, N. Y.

JARDINIERE PLANTS.

Cryptomeria Japonica (Japan cedar), a beautiful jardiniere evergreen; as handsome as *Araucaria excelsa*, for which it is often mistaken, but ten times cheaper. 4-inch pots, \$15.00 per 100. 2½-inch pots, \$9.00 per 100. 2½-inch for \$2.50, postpaid.
Jackson & Perkins Co., Newark, N. Y.

MANETTIA.

Manettia bicolor, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

MUSHROOM SPAWN.

Best English Milltrack, just arrived, \$7.00 per 100 lbs. In 500 lb. lots at \$6.50 per 100.
Johnson & Stokes, 219 Market St., Phila., Pa.

Mushroom Spawn. Just received. 10 lbs., \$1.00; 100 lbs., \$7.00. Stump & Walter Co., 60 Barclay St., New York.

ORCHIDS.

Orchids have for very many years been a specialty with the undersigned, and the collection is steadily augmented by fresh importations from the collectors of the firm. It is not easy, without seeing it, to form an adequate conception of the stock. Extent is simply immense. Quality fine. Prices moderate.
HUGH LOW & CO., BUSH HILL PARK NURSERY, ENFIELD, ENGLAND.

We have just received a fresh shipment of *Cattleya Lablata* and *C. Speciosissima*, also a limited quantity of *C. Gaskelliana*. Cherry wood baskets, fresh moss and peat.
Lager & Hurrell, Summit, N. J.

Stroge, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel.
W. Mathews, Utica, N. Y.

PÆONIES.

One year, grown from division, colors named, \$5.00 per 100. No order taken for less than 25 at above prices.
James Frost, Greenville, Darke Co., Ohio.

Paeonies, indispensable for the florist, fine assortment, all colors.
F. A. Baller, Bloomington, Ill.

Paeonies, 14 varieties, assorted, \$7.00 per 100; \$60.00 per 1000. S. E. Hall, Cherry Valley, Ill.

PALMS, ETC.

WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS. Measurements from top of pot to top of tallest leaf.

	Pot	H't.	Char.	Each.	Doz.
	in.	in.	lvs.	lvs.	
Latania Borbonica,	2			\$.50	1.50
"	3	16-20	5-8	.50	5.00
"	6	18-20	6-7	.75	9.00
"	7	20-24	6-8	1.00	12.00
Cocos Weddellana,	3	14-18	4-6	.25	3.00
Kentia Belmoreana,	3	6-7	3-4	.25	2.00
"	3	8-10	4-5	.25	3.00
"	3	18-20	5-6	.75	9.00
"	5	18-20	6-7	1.00	12.00
"	6	20-25	6-7	1.50	18.00
"	7	34-38	6-7	2.50	30.00
Kentia Forsteriana,	5	20-24	4-6	.75	9.00
"	5	25-28	4-6	1.00	12.00
"	6	26-30	6-8	1.50	18.00
"	7	36-40	5-6	2.50	30.00
Phoenix Reclinata,	5	14-16	5-8	.60	5.00
"	6	16-18	7-10	.75	9.00
Pandanus Utilis,	3			1.50	3.00
"	4	12-14		3.00	6.00
"	5	14-16		1.50	3.00
Peperomia Agyrea,	4			3.00	6.00
Dracaena terminalis,	4	8-10		5.00	10.00
"	5	10-12		.50	5.00
"	6	14-18		.75	8.00
Araucaria Excelsa at \$10.00, \$15.00 and \$30.00 per dozen. <i>Cycas Revoluta</i> from 50 cents to \$15.00 each, in any quantity. Geo. Wittbold, 1708 N. Halsted St., Chicago.					

Pot H't. Char. Per Per
in. in. lvs. lvs. 100. 1000.

Latania Borbonica,	4	12-15	2	\$15.00	\$125
"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
Phoenix Canariensis,	4	15-18	4-5	15.00	
Seaforthia Elegans,	4	18-20	2	20.00	

P. J. Berckmans Company, Augusta, Ga.
Dracaena Sanderiana, 3-in. pots, \$20 a 100. *Peperomia Arifolia*, 3-in. pots, \$8 per 100. *Ficus Elastica*, 6-inch pots, 18-inch, \$40.00 per 100; 8-inch pots, 3 to 4 feet, \$1.50 each.
J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Large stock of handsome home grown palms and decorative plants of all the leading varieties at popular prices. Send for price list.
Lemuel Ball, Wissinoming, Philadelphia, Pa.

Fine stock of *Pandanus utilis*, 4½ and 5-in. pots, \$25 and \$35 per 100. *Kentia Belmoreana* and *Latania Borbonica*, 4-in., \$25 per 100.
L. H. Foster, 45 King St., Dorchester, Mass.

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From Zirngiebel's Giant Pansy seed at same rate as common varieties, \$5.00 per 1000. Securely packed to go any distance. Large transplanted plants for winter blooming, \$2.00 per 100. Denys Zirngiebel, Needham, Mass.

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Sheep manure. Thoroughly pulverized and ready for immediate application. Special prices to florists and seedsmen in lots of 20 tons and up. Testimonials from Agricultural Department, University of California. Send for sample. Geo. C. Roeding, Proprietor, Fresno Fertilizer Works, Fresno, Cal.

Pulverized sheep manure, something new in this line, as it is of full strength. Applied with hose. 75 lb. sack \$1.00; per ton \$14.00. Write for sample. A. Mitting, Morris, Ill.

Jadoo Fibre, a substitute for soil. Jadoo Liquid, the very best fertilizer. Write for printed matter. American Jadoo Co., 817 Fairmount Ave., Philadelphia, Pa.

Bone meal. By the bag, ton or carload. Write us for quotations.
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Mastica has proven superior to putty for glazing. Easier to apply and stays on. Not affected by extremes of weather. Send for circular of Mastica and Mastica Glazing Machines. F. O. Pierce Co., 170 Fulton St., New York.

The Van Reyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts; by mail, 75 cts; in lots of 5000 by express, 55 cts per 1000. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Greenhouse putty. To be applied with a bulb; the only putty made to work this way for greenhouse sash. One gallon, 20 lbs., \$1.00.
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We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

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We manufacture Standard Flower Pots, Lawn and Hanging Vases. We make a light, porous, strong, durable pot that gives satisfaction to all who use it. We invite a trial order.
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Columbia Plant Tubs, the kind that never fall apart. If your seedsmen doesn't handle them, order of us direct. Invald Appliance Co., Factory and Office, 339 & 341 Clybourn Ave., Chicago.

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Flower Pots of all kinds. Standard Pots a specialty. List and samples free. J. G. Swahn's Sons, P. O. Box 78, Minneapolis, Minn. Factory Cor. Marshall & 25th Av., N. E.

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CLASSIFIED ADS.—Continued.

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We are headquarters on Sphagnum. Just received several carloads.
Per Bale, \$1.00.
Six Bales, \$5.00.
Ten Bales, \$7.50.
Write for prices on large quantities.
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We are now gathering Sphagnum Moss for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.
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We are just in receipt of some of the best Moss that has reached Chicago in recent years and now is the opportunity to lay in a good stock. 3 bales, \$3.00; 6 bales, \$5.50; 12 bales, \$9.00. Special price on larger quantities.
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Sphagnum moss, \$1.00 per five barrel bale Peat, \$1.00 per four bushels in bag.
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Sphagnum moss, best quality. Write L. E. Brague, Hinsdale, Mass.

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WIRE PLANT STAKES.

Per 1000, 18 inches long, \$4.00; 2 ft., \$5.00; 3 ft., \$8.00; 4 ft., \$10.00.
H. F. Littlefield, Worcester, Mass.

GRAND RAPIDS, MICH.

From the torrid heat of the tropics we were suddenly transposed to the chills of Iceland, then treated, as on Sunday, and in fact for the entire week, to the torrents of the Philippines, is about the style of weather dished out to us by the erratic clerk of the weather bureau.

Much damage was done by the frost, most tender stuff being frozen, and most of the standing crops of farmers leveled to the ground. Even carnation plants in exposed places were somewhat injured, to say nothing of frozen asters, geraniums and even singed vincas in the field.

The last heavy storm did considerable damage. The Art building at the fair grounds was struck by lightning,

the flag staff and cupola shattered, windows smashed and the interior badly torn up. There was quite a force in the hall at the time, arranging exhibits, and although badly stunned no one was injured. The interest in the floral exhibits is not as keen as heretofore, for some reason or other. The exhibits will hardly be up to the standard of what they should be. The premiums, many of them, are too small; the increase of business makes it difficult to give sufficient room and attention for the proper growing of exhibition plants, and lastly it does not pay to grow a lot of exhibition plants to the neglect and detriment of cut flowers, one cannot afford the space for the amount of the premiums, for instance, the award on best ten geraniums is \$3.00; 2nd, \$2.00.

The exhibitors will be Henry Smith, Crabb & Hunter, Wm. Cunningham and James Schols.

Flowers have been scarce lately, several large funerals helping to clear up all surplus stock. The death of a prominent furniture man called out a large quantity of designs and sprays. The most prominent were two made by Henry Smith, an easy rocking chair, full size, in smilax, Meteor roses, Scott carnations and pansies. It was very artistically made. The other, an imitation of the Berkey & Gay furniture factory, 5 feet high and 4 feet long and wide, showing windows and the store front.

A pillow of white and yellow roses, dimensions 4 feet by 3 feet, was a magnificent piece done by Crabb & Hunter.

Shipping trade is picking up some. Carnations equal to the supply; American Beauties scarce, other roses plenty, as most every one is coming in crop with at least a portion of their houses. Roses promise to be good this year, and considering the tone of business this early in the season we are undoubtedly entering the best winter season business we ever experienced. If we could only do something to raise the price of our own product; we pay more for everything we buy, why should we not charge more for our flowers—how can it be done?
GEO. F. CRABB.

COLUMBUS, O.

The state fair held in this city September 4-9, was quite a success. The floral and fruit hall was very attractive.

E. L. Charles had the largest and best display of plants and cut flowers and was awarded nineteen of the lead-

ing premiums. Mr. Brahmer, of Chillicothe, O., was awarded several premiums, he having the second best display.
G. E.

PAINT.

We have received from Mr. Benjamin Hammond, Fishkill, N. Y., a large sheet upon which are printed no less than 58 letters warmly commending his paints, many signed by well known florists who have used his "Greenhouse White" for many years.

It is a collection of letters that any manufacturer might be proud of and the commendation of satisfied customers is the very best of advertising.

Mr. Hammond's name is so closely associated with his several insecticides that we are apt to overlook the fact that he devotes some time to making paint when not studying out a new kind of death for insect pests.

Mention the Review when you write.

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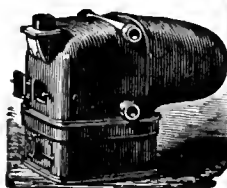
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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

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ALTON, ILL.—A conservatory is to be constructed in Rock Spring Park.

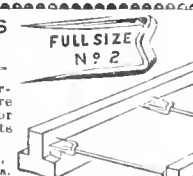
BEARDSTOWN, ILL.—Frank Burtenshaw has added a large new house and has put in a 25 horse-power boiler.

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Carnation Supports. Model Plant Stake Co.	Decorating Material. Brague, L. B. Elliott, W. H. Kelsey, H. P.	Piping. Chicago House Wrecking Co. Hitchings & Co. Lord & Burnham Co. Smith & Smith.
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Cut Flowers—Chicago. Amling, E. C. Bassett & Washburn. Bentley & Co. Budlong, J. A. Hunt, E. H. Keenicott Bros. Co. Lynch, W. E. McKellar & Winterson Randall, A. L. Reinberg Bros. Wietor Bros.	Glass. Smith & Smith.	Soil Pulverizer. Florists' Supply Co.
Cut Flowers—Cincinnati. Cincinnati Cut Flower Co.	Glazier Points. Dreer, H. A.	Sphagnum Moss. Brague, L. B. Hunt, E. H. Jewett, Z. K. & Co. McKellar & Winterson.
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Cut Flowers—Milwaukee. Ellis & Pollworth.	Greenhouse Material. Dietsch, A. & Co. Lockland Lumber Co. Moninger, John C. Co. Smith & Smith.	Wire. Chicago House Wrecking Co.
Cut Flowers—New York. Cut Flower Exchange.	Hail Insurance. Ealer, J. G. Secy.	Wire Designs. Ellis & Pollworth. Hunt, E. H. Kasting, W. F. Keenicott Bros. Co. Kuehn, C. A. McKellar & Winterson. Reed & Keller.
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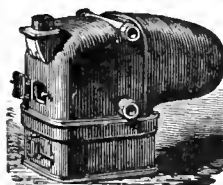
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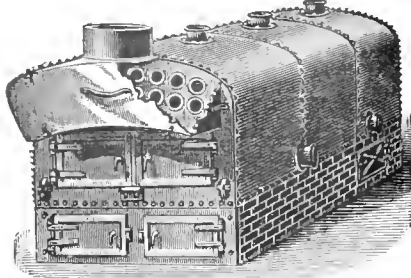
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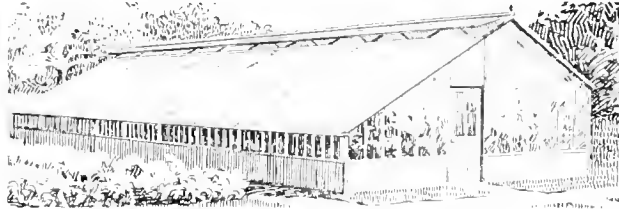
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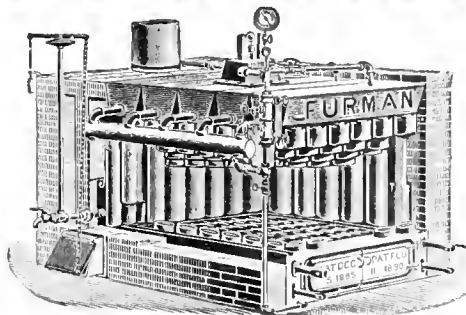
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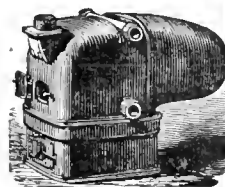
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THE WEEKLY FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. IV.

CHICAGO AND NEW YORK, OCTOBER 5, 1899.

No. 97.

FICUS.

[From the Florists' Manual, by William Scott.]

A large genus of trees or shrubs cultivated for their ornamental leaves. *F. elastica*, familiarly known as the rubber tree, is the species we are in-

terested in above all others, although for private collections and botanical gardens several others are noble plants. *F. repens* (properly *F. stipulata*) is a small-leaved, very useful climbing plant, growing and adhering

closely to the walls of greenhouses, making a very pretty appearance, and will withstand a few degrees of frost. *F. Parcelli* has a very prettily variegated leaf. It is very unlike *elastica*, the plant being more branching and

F. elastica is now a plant of the first importance with all commercial plant men. Tens of thousands are annually sold. The "rubber" is known to all as one of the very best house plants. We have all seen it thriving in a dark hall, and with fair treatment there are few plants that will endure unfavorable conditions as well. We get, however, lots of complaints, "My rubber is losing its leaves, etc."

I tell my customers to sponge the leaves occasionally and if the water passes through the soil freely to water twice a day in summer and once every day in winter.

They stand out in pots and tubs during summer in the broad sun and they want plenty of water. I have never seen their fine leaves burned or injured by the sun when out of doors, but they easily burn under glass in the bright days of spring before we are shaded.

The following is not quoted for my readers to follow, but the most shiny leaves and greasiest soil I ever saw was on a plant brought to me two years ago. I think the little lady brought it for my inspection because she was proud of it. It looked bright and well and its introduction to me was as follows: "What do you think of my rubber, Mr. S.? I oiled its leaves yesterday with olive oil and last week a friend told me she thought it was troubled with worms, so I gave it two tablespoonfuls of castor oil and two worms came out."

Perhaps to Mr. Wm. K. Harris, of Philadelphia, belongs the credit of growing the finest specimen rubbers in one year of any man in the world, producing branching plants 6 feet high and 4 feet through, and furnished with leaves to the pot. I do not pretend to tell you how to emulate Mr. Harris, but young plants that are wanted to branch should not be allowed to grow 3 feet high and then cut down to the hard wood. They will break, but slowly. If wanted branched pinch the top



Ficus Elastica.

terested in above all others, although for private collections and botanical gardens several others are noble plants. *F. repens* (properly *F. stipulata*) is a small-leaved, very useful climbing plant, growing and adhering

slow growing. The leaves are sharp pointed, three or four inches long and very irregularly blotched. It is handsome when well grown, but is most horribly addicted to thrip and red spider.

out of the strongest young plants when not over 15 inches high.

F. elastica is a tropical tree, but will exist in our greenhouses in winter at a temperature of 50 degrees or even lower, but when rapid growth is wanted 70 degrees at night is the temperature, and when growing those specimens spoken of above it is never less than that and possibly 100 in the day time.

The rubbers thrive in a comparatively small pot and for our sales should not be overpotted. A good, open, turfy loam, with a fifth or sixth of manure, and to this compost add one quart of bone meal to every bushel.

Propagation is by two methods—cuttings and what is generally known as "mossing." The latter is much the surest way. Sometimes cuttings root very well, and again under the same conditions they don't. Cuttings seven or eight inches long, with several leaves, always the latest growths, and cut just below a joint, inserted in a 2-inch pot of sand and loam, the end of the cutting well down to bottom of pot and the pot plunged in some material where the bottom heat is 80 degrees, will usually meet with success. Keep the cuttings after the first watering only moderately moist. As the leaves are much in the way a small stick is inserted in the pot to which the leaves are drawn up. If this were not done they would take up a great deal of room and be inconvenient to water. They should be well rooted in the small pots before being shifted.

Late spring is a good time to propagate by cuttings.

By the mossing system failure is almost impossible. August and September are favorable months for the operation because the wood is about right then, but it can be done at any time. The tops of young plants can be taken, although large branching trees are usually kept where they are propagated in any quantity. Nine or ten inches from the tip of the shoot, where the wood is not too green nor too hard, a cut is made in the wood upwards about an inch and a half long from the bark to about half way through the shoot. Sphagnum moss is inserted to keep the cut open and more moss wrapped round to entirely envelop the stem where the cut has been made. If the moss when tied on is as large as a hen's egg you have enough on. Keep the moss syringed daily.

In five or six weeks you will see roots protruding through the moss. Let them get well rooted and then sever from the plant just below the moss, and pot. The young plants should be kept from sun and draught till they take hold of the new soil.

Most florists are pleased to inform their customers that this is the plant that produces the rubber of commerce, and a slight scratch on a shoot will soon show the milky sap, but they are mistaken. *Ficus elastica* is a native of the East Indies, and our rubber comes from Brazil and from a tree that is very unlike *Ficus elastica*.

very early spring, to produce flowers in December, February and March they must have the lightest and sunniest bench, and will not flower if kept below 45 degrees at night and 55 to 60 in daytime. They are not considered a very necessary crop with the florist, but are very attractive in winter time, and many people like them.

Sweet Peas.

If you have not already sown sweet peas for early spring flowering it is time they were. I have never tried them in a rose house temperature, but in a carnation house they do very well. I know I shall meet with the disapproval of some excellent men by advocating growing peas on a carnation bench, but they take up so little room and enroach on the carnations so little till early in January that little or no harm is done, and supposing you do lose a few flowers, you have made it up ten times over on the peas, for they are really in great demand in April and May. It is middle of June before we get any sweet peas out of doors and you will have at least six to eight weeks' picking before the outside crop begins.

My experience is that they do not make much growth till the February suns brighten up our houses, although it is an advantage to get them started in good time. Another point is that a trial of them in deep, rich soil was a failure. The four to five inches of the carnation bench suits them well. I might add that to sow a continuous row on a carnation bench, especially on the south side, would be folly. We have 1-inch gas pipes supporting the purlins on the edge of the benches, eight feet apart, and so there the vines are supported, which gives no damaging shade to the carnations.

Sow a dozen seeds in a 5-inch pot (every seed does not grow), and put them on some light bench. When a few inches high thin out to two strong plants and plant in the bench near the pillar or iron support. There are now many magnificent varieties, and though you cannot grow them all in the limited room that a greenhouse affords, you might try a few of each to test the popularity of them with your patrons. The pure white and pink will be most in demand, but here is a list of a dozen which we grew this season, and till the terrible dry weather told on them they sold well:

Emily Henderson, white, and Blanche Ferry, pink, are the two standards in those important colors. Katherine Tracy, a beautiful "Day-break" pink; Blanche Burpee, white, very fine; Lovely, fine pink and rose; Mrs. Eckford, primrose yellow; Little Dorrit, rosy pink, white wings; Aurora, pink, striped; Celestial, lavender or mauve; Her Majesty, carmine; Mrs. J. Chamberlain, white and pink striped; America, white and red striped; Ramona, very light pink; Golden Gate, lavender; Mars, crimson; Royal Rose, grand pink; Stanley, dark maroon. All of the above are very fine flowers.



Roses.

During a rainy time followed by a few warm weeks, which often occurs, roses that may be ripening their wood and going to rest will start to grow and break at the ends and spoil their use for forcing. We have seen this occur to our loss.

Hybrid perpetuals and the climbers that are intended for bringing into the heat after New Year's should be laid on their sides and gradually ripened off; not too suddenly, but slowly till their leaves are gone. When plunged out of doors in summer, which they usually are, you should see that their roots are not grown out among the plunging material or the ground, or their roots will be feeding away vigorously while you want the plant to finish its growth and ripen its wood.

Fuchsias.

Stock plants of fuchsias that are plunged outside should now be encouraged to ripen their shoots, and are best left outside till we are in danger of getting a frost. When brought in and rested for a few weeks preparatory to starting they will give you all the better cuttings if the shoots have been well matured.

Pansies.

You ought to have all your pansies planted in frames by this time, but don't cover them with glass. The longer you keep that off the better they will winter.

Pansies that are wanted to flower this winter should be on the bench, six inches apart and growing strongly. Although the pansy flowers in fall and

Carnations.

There is very little rust appearing on our carnations this year, in fact we have forgotten to look for it. But we did hear a son remark "I don't see any rust this year." That's almost too good to be true. Yet it is little in evidence, and it is always most troublesome soon after planting. It is likely that the germs of this fungus have been constantly present, but we have put our plants in better shape to resist it, and let us hope it will entirely disappear.

There is no time in the whole year when the carnations want the proper treatment more than at present. They are established and growing, but should now have an abundance of air day and night. If you get a good stout

growth now and till November 1st you cannot so easily spoil them, for they are thoroughly rooted and established and can endure more heat when necessary. Plants that are lifted late and then soon afterward are subjected to fire heat are soon spoiled, and that is how it used to be done years ago.

Don't delay in tying. There is nothing like doing it soon after planting. Some varieties, Daybreak particularly, soon sprawl over the bed and then tying is difficult to do and many shoots are broken. There are several methods, but for quickness, neatness, welfare of the plant and stems, there is nothing I have seen equal to the "Model" wire support, and the very worst is the old wooden stake.

WILLIAM SCOTT.

didn't bother with, because his people were tired of that kind of stock, but there was going to be a run on big ferns, especially basket ferns, and Asparagus Sprengeri was sure of popularity; his stock had to be "specimen grade," unless where intended for filling in, and it cost like fury, still every first class store had to have 'em.

Fred said he could only admire the big stuff and couldn't touch it; his class was the biggest plant for the least money. He had bought some things at the auctions, but as he hadn't a greenhouse and could only carry a limited number of plants, though cheapness was a gigantic consideration, still he had to be careful to get hardy grown plants. Rubbers were cheap, some nice little plants could be had for 40 cents. Latanias went well with him. He had bought six or twelve of several kinds of plants—hadn't room for any more. It was funny, he said, to visit a grower who had just gotten back from Europe; this class of men now carry a pocket rule with them, and sell their plants by the half inch, and seemed to want to make up their recent expenses and fun on every sale. Nixey, he had got his best bargains at the Dutchman's over there, and the stuff was well grown, too. Of course he expected to make from 50 to 100 per cent. on his plants.

Yes, he couldn't afford to refuse to loan plants to his regular customers, but he would be hanged if he was going to risk his good stock on John's impecunious set. "Oh, by the way, one of your best customers, John, Mrs. ———, was in day before yesterday; said you charged so high for everything she was going to try me. I sold her two plants at big prices, too; am going to nurse such people. Well, as I was saying, that impecunious set, they want to be high-falutin', but can't stand for it, so they comes to me for the loan of plants, and gets a box of flowers from you, John. Yes, I know them, but I've just so many plants I loan out and no more, and they are mostly what was left from last season. 'Boarders'? You say you fired most of the 'boarders' and will replace with new stock, eh? charging accordingly. Well, I cannot do that, for everyone knows every leaf on their old plants, and besides I've kept them in the back yard all summer, and you see I save a little and make some. I cannot charge too high for 'boarders' because I have to humor and keep all my trade. I have my new plants all on the sidewalk and keep them well syringed. No, the policeman doesn't bother me, for I give him a small rubber to take home, and do you know it pays to do so, for I can make a big spread and the people are compelled to stop and look. Why, you'd be surprised how many people come in, and I have a neat little booklet on plants I give them. Have made lots of new friends and had good sales already. Of course a lot of it is because the 'early bird catches the worm;' his



With the Buyers.

John was Luyer for a high-toned shop, Fred was buyer for a middle class store, Herbert was from the country, where he grew some of his stock, and Will ran a little store down in the poor section of the city. Well, they all met at the market yesterday and chatted over the prospects, each viewing the subject from his own circle of vision, influenced of course by the different kinds of people and business they were acquainted with (and if you will notice, the combination represents pretty near the whole of the retail trade).

John was the most optimistic of the crowd; the rich had become vastly richer and the future looked very bright. Herbert had done well this summer despite the fact that he had several failures by poor seed; he intended to increase his stock and grow more showy, hardy flowers. Will and Fred had little to say, only that their customers seemed to have spent all their money on outings and vacations, and outside funeral work it would be some time before things would be stirring, but they had to keep up appearances, for appearances count for very much in this world of today. They had all been out to the growers after plants and had discovered that prices had gone up; large palms were very scarce and unobtainable in price.

John said he could only handle the

very finest, for his trade demanded such, though for decorating and conservatory work the usual grades of stock were used. He had bought a lot of *Livistona rotundiflora* in 5 and 6-inch pots, elegant little stock, for from \$9 to \$18 per dozen; they would retail at from \$3 to \$5 each. This little palm was going to be very popular this year on account of its general adaptability, though great care is necessary to keep it in good condition. There was going to be a run on big kentias, and he had got some good bargains from a private place; he had bought some lanky leaved plants from one grower and intended to "make them up" with smaller plants, for people preferred good bushy plants well furnished to the pot or tub, to the tall, thin specimen; and then again made up plants gave a much better effect in decorations, and they were vastly cheaper, provided you made them up yourself.

He expected a call for kentias that would sell at from \$5 to \$10, and this grade of stock was plentiful and could be gotten cheap. *Areca lutescens* were good this year and there was going to be lots of them used, for they were the most graceful of palms and necessary for fine work; he had gotten some fine bargains from a man who wanted room for his "mums." *Araucarias* and rubbers (with the exception of a few large branched ones of the latter) he

nibs up the street hasn't a plant yet and I'm winning his trade away."

Herbert said he had to carry a mixed lot of small plants; the demand for window plants was on the increase, owing to the flower show they had when prizes were given for amateur grown plants; there was nothing like it to increase trade. Ferns, geraniums, begonias and such were his best sellers, but he had a few big palms and ferns which he had sold to some city folks.

"Tell you what, I grow fine *Asparagus Sprengeri*. I've got it six and eight feet long, rich dark green; it's grand. How do I do it? Why, I feed it well from the cow barn; *Sprengeri* wants lots of feeding."

"I'll take all you've got of it," said John. "Keep it till I tell you to send it."

Will, who had listened to the others talking about big plants and high prices, was busy picturing the difference between tenements and palaces, between 100 per cent. profits and the bare margins bitterly fought for down in his cosmopolitan ghetto. Though he could sell small palms in from 4 to 6-inch pots, and occasionally some larger plant to the shopkeepers, rubbers were his principal sellers, and there was an increasing demand for continuous flowering plants which were not easy to get.

Every phase of the plant question was discussed and an exchange of points where the best stock was to be procured, but, as we said before, these boys were all together at the market or commission houses, each one looking for the best or cheapest in cut flowers. They had made a flying visit to all the places and were posted on what was expected in. Here they were in a group.

John was telling the rest how smart the wholesalers considered themselves and how when he wanted any particular flower and they (the wholesalers) thought he wanted them badly they didn't hesitate to soak him on the price. It was his custom to inquire for some flower he didn't want, to see what was in the ice-box, and in an off-hand way price the things he wanted. Many times he got stuff this way far cheaper than he could otherwise, and besides he fooled the "smart Alec" who wanted to show high priced sales slips to poorer customers or the "kickers." There were all kinds of tricks in the trade and they were getting more numerous and puzzling; it required a fellow to have his weather eye open all the time.

The growers, too, were so fond of writing X's on their slips that the shipments were a comedy. "What the dence do I care for all their grading of stock? Those country jays have a lot to learn. When I want fine stock I pick it out myself, and if I can't do it in one place I can do it in some other. It's all right for them fellows to put good stock in one box and poor in another, but when they measure a stem by half inches and don't consider the flower, why they are pre-

sumptuously crazy. What gall they have to dictate or tell us what is this or that when the markets are glutted and we can just do as we like, providing you're on to all the bluffs.

"Besides, our customers are getting more critical every day, and when you tell 'em the flowers are fresh they give you that incredulous look and tell you fairly you lie. Of course you've just got the stuff from the market, but the country jigger or the wholesaler don't know and don't care so long as he gets it off his hands and the slip is satisfactory. You've got to fix the things in wax paper and fancy boxes and ribbons, etc., to make 'em look right. Ah, yes, it's all different from their showing them in layers in shoe boxes or wrapping them in bundles; they don't care for bruises or appearances; they've got a snap.

"And then, mind you, once in a while one of them guys comes into the store dressed in Sunday togs and inquires of some fellow behind the counter the price of roses, etc., and when he is told you can see his face go 'rainbow colors.' He comes to the wholesaler and raises Cain on prices. It's not our business what his returns are, and it's not his business what we charge, for our expenses are six times his and it's necessary to sell his stuff, but he is too blind to see it.

"Well, boys, we're busy on funeral work. I've just bought a fine lot of *Cattleya labiata* cheap, only paid 20 cents for 'em; of course we get \$7.50 to \$9 per dozen for them; we cannot sell them cheaper because we couldn't sell any more and it would only spoil good people.

"These *Dendrobium formosum* are for a wreath of white orchids and cluster of valley. Got some first and second grade valley for 2 cents, and the formosum for 15. You see that \$50 wreath can be made fine for about \$20. Here's a lot of *Vanda coerulea*, extra fine, only cost 6 cents a flower, and it's grand and new for flat bunches; looks elegant with that long special valley I paid 4 cents for; you ought to see it made up with *Asparagus tennissimus* and very broad, white silk ribbon.

"Had a wreath of violets the other day, \$35; it was small and well made, a true violet silk ribbon made it look O. K., and then the vios were cheap, and only cost 25c a 100; the singles are sweetest and best just now and are even cheaper. I'm after a lot of good headed Brides; they must have good, clean foliage, too, because the boys want to use it instead of other greens.

"Why don't I buy those chrysanths? Why, they make me tired with their early mums. I wouldn't touch them. People don't want 'em and they're mighty high for dahlia work. It will be all right for white ones as material for flat bunches, but it's folly to encourage big prices for early colored mums. Our folks intend to "shelve" 'em this year. Orchids is the thing we intend to push and those from the Philippines are going to be all the craze. Had a center piece of *Dendro-*

bium phalaenopsis and *Farleyense* for a small, select dinner party at the hotel last night; it looked elegant, so light and graceful.

"What did I pay for my white roses when I took the box as they came? They were all good and I got 'em for \$1 per 100. We can make 200 or 300 per cent. on them. I can't go asters or dahlias for ground work; our fellows insist on white carnations for fine, clean work, and they don't happen to be overplentiful. I paid \$5 a 1,000 for them. Roses are getting better, but even now a fellow has to go through a whole box for good ones. We couldn't use short stems at any price. Beauties are in demand for theater work and we generally keep a few on hand. I pay \$2 to \$3 for my best and we sell them for \$5 and \$7.50.

"Isn't it queer these carnation growers are so dumb-headed? We have to kick about their special tags on their flowers, because we haven't always time to cut them off, and customers get on to our stories of growing our own special flowers; and besides, some of our best customers have taken these address tags and got flowers cheaper from these growers, so we insist on plain tags. Then again, these people never send a bud or spray of foliage with their flowers and we have to keep at them to do so. Our head "maker up" says a carnation bud and spray of foliage is worth several flowers, and he always wants me to look out for such, even to pay extra for them, but in all the thousands of carnations you see there is never a one."

John said they had been making a special display of tritomas in their windows, but all outdoor flowers were tabooed now, and this week all was fine ferns and a bank of *oncidiums* in the center. *Oncidiums* cost 6 cents a flower with use of the plant. No, he wouldn't buy cut *oncidiums*; they were better on the plant and excited more interest. They had put a neat sign on them thus: "Butterfly Orchids from Our New Colonies," and it was a big drawing card; the newspapers had given them a big free adv.

Fred didn't want many flowers, his trade wasn't awake yet; still he had to keep a supply of flowers and carnations and roses and a few showy dahlias or *gladiolus*. His roses cost 2 cents and he sold them for 75 cents or \$1 a dozen. His carnations cost 75 cents or \$1 and he sold them for 35 and 50 cents a dozen. His *gladiolus* cost 2 cents and dahlias 75; these he sold for 50 cents per dozen. Occasionally a good funeral order came his way and then there was money in it.

Herbert had a country wedding on hand. He had lots of foliage and colored dahlias home, but he wanted a little fine stock, such as valley and roses, for bouquets. He had used a lot of *eulalias* in the church; he cut it long and left the flowers on, tied the bunches loose at the bottom and tied them to the posts high up and in the window sides. He made several arches of oak leaves and *Clematis paniculata* over the center aisle and

put a big cluster of *Lilium speciosum* in the center of each arch; they looked fine. Then he tied clusters of white Michaelmass daisies on the end of each pew. No ribbons used at all, just all countrified, you know. There was a lot of late white phlox and with these he made the altar look fine. The entrance to the church was all golden rod. He only wished they could come out and see how much he had done and how little it cost him. Didn't use many palms, and he had a bank of wild ferns on every window shelf. He put all his yellow flowers on the sides of the church, pink and white in the center, and pure white at the altar. He suggested all the girls to carry arms full of mixed wild flowers, but the bridegroom was a city chap and wanted regular bouquets with ribbons, and here he was for the stuff.

All this time Will had been sizing

up the bargain counter and had bought 1,000 roses for \$5; the Democratic leader of his district was dead and he had orders for big, showy designs. He had sent a boy out to a dahlia grower and had several thousand white dahlias for \$2 per 1,000; he told his boys to help pick them for the grower, and they just picked the flowers off without stem. He had to have tuberose and they cost him 25 cents a dozen spikes; very cheap and powerful were they for the occasion. He couldn't bother with sweet alyssum and such things, because time was short. There were lots of asters for festooning, short valley was cheap, and just enough white gladiolus and lilies to finish off with. In an order like this he considered he was equal with his high-toned rival.

Half your money can be made in the buying. IVERA.



CHRYSANTHEMUM NOTES.

There will soon be little to tell in these notes, for buds are swelling up rapidly. Robinson will be ready to cut in another three weeks, and Henry Hurrell, Bonnaffon, Australian Gold, Jennie Falconer, Sunderbruch, Wm. Simpson, Mutual Friend and others are showing color.

It is interesting to note how much quicker some varieties mature after disbudbing than others. Autumn Glory, I recall, was last year the latest variety to produce buds, but they matured so rapidly afterwards that the flowers were developed by midseason. Childs is showing color on crown buds, but terminals are very small yet. Solar Queen is away late this year compared with last, but most of the others seem about the same. Pennsylvania on crowns is showing up fine; that is to say, fine, comparatively speaking. The foliage is too small for it to fill up the intervening spaces between the plants, and look as satisfactory as some varieties when growing, but we will forgive its lack of foliage if the flowers finish as well as they look like doing.

If any of the stems are split across just under the bud as though they had been cut half way through with a knife, it is a sign that you are feeding too heavily, and the roots are pumping up more sap than the bud can assimilate. It can be stopped by getting back to a clean water diet for a time. This trouble only shows when chemicals are being used too frequently. I have never seen it on plants that had been fed solely on animal manures.

Our plants are single stems, planted ten inches each way, and some varieties, where they have made good growth, are badly crowded even at

that. We often wonder where on earth the grower who plants closer than that and takes up several stems puts all his foliage.

Of course every grower knows his own trade and grows to supply it, yet it seems to me the enormous production of low grade flowers has had much to do with the cheapening and falling from its pedestal of fame of the mum. It is only one man in ten that will pay \$5 a dozen for good flowers when the wholesale stores and streets are flooded with rubbish selling for what it will bring. On the other hand, I suppose if everyone went in solely for growing the highest grade flowers, conditions would be as bad, or worse, since everybody then would be looking for the highest prices.

Another potent reason why the chrysanthemum is slowly but surely dropping in popularity is the condition of "innocuous desuetude" into which the Chrysanthemum Society of America has fallen. Other countries have powerful societies which hold exhibitions and keep things up to the top notch, and in consequence the introducers of new varieties can command three times the price for plants of new varieties that American growers can. That one reason alone ought to be sufficient to induce the American Society to try and keep up the interest of the public.

The Rose society woke up, shook itself out and will, if it keeps itself in the path it has laid out, be a grand success, I firmly believe. Why should not the Chrysanthemum Society go and do likewise? BRIAN BORU.

BAY CITY, MICH.—Boehringer Bros. are putting up a large smokestack and will try slack coal as fuel this winter.

ROSE NOTES.

At this season of the year the grower of Meteors will have troubles of his own if he does not use sound judgment and be on the alert. I heard a grower say some time ago, "You can scarcely overwater Meteors." I have not yet found a soil where they could not be overwatered.

The high temperature necessary for the perfect development of this rose is just what suits red spider and consequently frequent and hard syringing is necessary and enough water is usually dropped on the beds for the needs of the plants. If too much moisture is applied at the root and the proper temperature maintained the foliage quickly becomes light and the wood soft. I have had best success by keeping them just moderately moist at the root with temperature not less than 68 degrees at night. If it breaks your heart to throw a few extra shovels of coal on the fire, or if your house has not plenty of heating pipes, better not attempt growing Meteors or your harvest will surely be discolored and worthless blooms.

Watch the changes of the wind and attend to the ventilators. Have them up on the side from which the wind is blowing, if they are raised at the top; if from the bottom, the reverse is the thing. When the wind is blowing from the south mildew is more liable to appear, therefore at such times smear sulphur and lime on the steam pipes.

We hear many causes for the appearance of black spot on Beauties. One holds that excessive watering is the cause, another says excessive drouth, another sudden change in temperature; some claim that it is a combination of causes, but all agree that it arises from a check in the growth of the plants.

I believe that one of the most frequent causes of this disease is excessive cutting of buds from the young plants, and the cutting of too long stems, thus robbing the plants of a great part of the foliage that is necessary for their support and development.

The growth of an American Beauty naturally and in the open air, we observe, does not throw up stems six and eight feet long, but are usually from eighteen inches to two feet, and when the bud has blown there are two shoots starting from the eyes nearest the bloom, opposite on the stem, close together. One of these usually grows about eight inches and the bud forms. The other grows longer and makes a stem twelve to eighteen inches, and so on through the summer. I have had them bloom the entire season and no black spot till very cool nights in fall checked their growth.

Plants in houses make a longer growth (from four to six feet) on account of greater heat and regular watering, but the character of the growth is the same. I mean by this that the buds nearest the bloom break before those lower on the stem, but we per-

sistently go through the houses and pull off these two shoots as well as all the shoots that break from eyes further down the stem, except, of course, those very low down. Then when the bud has reached the proper stage of development the stem is cut from twelve to eighteen inches from the bench. That is taking away from thirty-four to fifty-four inches of foliage. If there are two or three buds ready in as many days, as is often the case, is it any wonder that the plant is checked, though there be considerable foliage left, and black spot attacks the plant?

There is too great a desire for unreasonably long stems instead of striving for excellence in size and color of bloom. A perfectly formed and colored bloom, with twenty-four inches of stem, should, to my mind, be sufficient for any ordinary purpose, as this length shows off the foliage and bloom as well as a longer stem. It would be much wiser should we growers bend our energies to producing a sturdier growth on our Beauties, crowned by a bud of perfect color and form. A. O. T.

NEW YORK.

The Dewey Celebration.

The magnificent testimonial to Dewey was successful in every way, and though a few aliens that we know and who are here eating American meat through necessity, feel sneeringly over the affair, yet we feel proud in saying there is nothing in history to compare with it. The florists' business, too, was better than it was expected to be for such an event, and the good it will do for the future trade in this city and its tributaries cannot be overestimated.

Of course floriculture played a poor part in this grand celebration because we have no floricultural art society, same as the painters and sculptors have, and the idea of covering the beautiful arch with roping was simply crazy. Again we disagree with our New York contemporary when it excuses the use of hemlock on the ground that laurel was scarce. There is today enough laurel on the Pennsylvania mountains to cover every building on Fifth avenue. No, no; it was not scarcity of proper material, it was ignorance of the right material, and don't be afraid to say so. The reviewing stand where Dewey stood was very prettily decorated with Bridesmaid roses, and if, as we hear, it was done by a Broadway florist "just for the advertising," then we heartily commend that way of showing one's patriotism, because those few roses enhanced the beauty of the whole affair.

The Market.

The cold snap now prevailing has almost demolished everything in the way of outdoor flowers and the prospects for good business are very bright

indeed. Of course prices cannot be expected to jump sky high at once, but they'll gradually get there. This week they run: Maids and Brides, 1 to 4; Meteors, 1 to 6; valley, 1 to 2½; special, 4; carnations, 1 to 1.25; Beauties, best 25 to 30, and down to 2; cattleyas moving better, up to 30; Asparagus plumosus, 25 to 50; smilax, good demand, 10 to 12; mums, 25 to 40, according to variety.

Various Items.

Most of the florists' stores on Broadway, in fact all over town, were very prettily decorated for Dewey week. Small's had in their window a very fine fac-simile of the Olympia done in cape flowers; it attracted considerable attention and was sent on to Washington Sunday. The same firm have on exhibition at the Waldorf-Astoria fine copies of the yachts Shamrock and Columbia; these are also done in cape flowers and immortelles and are greatly admired.

Warendorf had in his window a silver leaf wreath supposed to have been ordered by the United States Senate. It's hard when you have to draw a crowd by such methods. Scallen & McIntosh had very pretty pictures of the hero, surrounded by appropriate material. Even the wholesalers forgot staring at figures and decorated their windows.

Fritz Kessler's disappearance is the talk of the Thirty-fourth street market; only a few think he committed a rash act.

There is considerable thinking being done here anent the action of the Canadian Horticultural Society having their convention next August. Not that it matters particularly, but it's only a matter of a few years when we'll be all one, and we'd like to see all the boys in New York next summer.

The New York Florists' Club will meet on Monday next, October 9, and don't forget the match with Flatbush on the alleys that afternoon.

Visitors in town: Edwin Lonsdale, on his way to Boston; President-elect E. M. Wood, Natick, Mass., and Chas. Young, St. Louis, Mo.

THE ROUNDERS.

ST. LOUIS.

The Market.

The market is quite active. Although the weather is and has been bright and cool stock of all kinds is very scarce. In quality stock has improved greatly; Beauties are especially good now, but only a few can be had. Other roses, such as Brides, Maids, Perles and Meteors, have been in good demand, with not enough to go around. For the select the price is from \$5 per 100 down to \$2. Carnations are very scarce, especially white, and the demand is great since asters are a thing of the past. Scotts and Portia are good. Daybreak is hardly up to the mark yet; blooms from stock

transplanted in benches are small and short stemmed.

Small single violets have made their appearance and sell well; no Californias yet. Good valley sells at \$5. From the reports of some of the growers chrysanthemums will be late again, same as last year, but some of the early varieties should make their appearance by next week. Tuberosa stalks and smilax are selling better.

Show Matters.

Chrysanthemum show matters are progressing satisfactorily. The executive committee met Saturday night and transacted a lot of business. The committee made very favorable terms with the exposition management for the Coliseum. We will have the final program out not later than October 20, or sooner. The special prizes to date amount to \$1,500, this including the Shaw prizes, which are \$500, makes a total of \$2,000 in prizes. The committee will meet every week from now until the opening of the show.

Second-hand Designs.

The evening St. Louis Chronicle of Sept. 30 published an article, headed, "What Becomes of Floral Designs Left on Graves," and says that the cemetery keepers sell them to the enterprising florists and also says the florist is a trader who buys his own product after having sold it.

I know of but one who buys second-hand designs; he claims to have a contract with the keepers for all designs brought to the cemetery. He takes wagonload after wagonload from the cemetery to his store, takes out the old moss, repaints them and sells them to the florists at one-half of what he can buy new for. I have been told that the boards of directors of the different cemeteries have not been aware of this state of affairs, and at their next meeting will put a stop to the keepers making this extra pin money.

Visitors.

Visitors in town are: Mrs. Heacock, Parsons, Kan.; C. S. Ford, New York; T. P. Gorman, Macon, Mo., and James McPherron, Carrollton, Ill.

A Trip to Edwardsville, Ill.

We spent a very pleasant Sunday in Edwardsville, at Fred Ammann's place. Arriving at the station in the morning we were met by Mr. Ammann, who drove us out to his place, which is about two miles from the station. Upon arriving there the ladies were taken care of by Mrs. Ammann. We were shown through the houses and found the stock looking in tip top shape. The carnation house is looking fine. Flora Hill, Scott and Daybreak are the only varieties grown. The roses are in the same condition, specially the Perle, which fully sustains his name as the king of the Perle growers. Next is a house of Meteors which will yield him a large crop. Brides and Maids are also looking fine. A new house is



F. J. Ammann, President St. Louis Florists' Club.

in course of erection, 20x100, for California violets. A bench of Golden Wedding mums are very fine and from the looks of things Fred will be heard from at the coming show. Mr. Ammann has a very interesting family, a wife and three little girls, who make things pleasant for all who visit him. The bowling alley is closed up on Sunday, so we had to content ourselves with playing a few games of quoits before train time. The party consisted of your correspondent and wife and Mr. and Mrs. C. A. Kuehn.

Bowling.

The Bowling Club on Monday night rolled for the first time, as a club, since the Detroit convention and will from now on roll regularly every Monday night. Six members were present, the others being too busy. The scores show that the boys need practice and better ones may be looked for after this. The scores on Monday night were as follows:

	1	2	3	To. Av.
J. W. Kunz	157	167	141	465 156
C. A. Kuehn	112	155	171	438 146
J. J. Bencke	144	137	154	435 145
C. C. Sanders	131	141	153	425 142
R. F. Tesson	107	155	159	421 140
John Young	133	151	113	397 133
	J. J. B.			

IF YOU don't find what you want in our classified advs. let us know about it. We will find it for you if it is to be had.

CHICAGO.

The Market.

The wholesalers all agree that flowers were never before so scarce at this season of the year. Carnations are as scarce as the proverbial "hen's teeth" and prices for what few there are are away up. Rose orders are fairly well filled, but the bulk of the stock is of a quality much below that buyers are entitled to at this season of the year.

Prices are almost up to holiday figures. E. C. Amling reports having sold good Scott carnations at as high as \$4.00 a hundred on Tuesday, and good Kaiserin roses at \$8.00 a hundred. What carnations are received are mainly from plants inside, but a few are still coming in from outside in spite of the heavy frost.

In roses Beauties range in price from \$1.25 to \$4.00 a dozen, other roses from \$3.00 to \$6.00 a hundred, with occasional sales at even higher figures. Most any kind of a carnation will bring \$2.00 a hundred, and if really good \$3.00 a hundred is not high.

The principal relief to the carnation situation has been the large receipts of asters by McKellar & Winterson from eastern growers. They have been fortunate enough to have remarkably large daily shipments of asters of excellent quality, including a large proportion of white. These have sold

readily at from \$1.50 to \$3.00 a hundred. They expect this supply to continue for several weeks yet.

There is a scarcity of galax, said to be due to the attempts of certain eastern parties to manipulate a "corner" in them.

Kennicott Bros. Co. say they anticipate a splendid season and that the question of supply to meet the demand will be an important factor with the commission man. This opens a very cheerful prospect for the grower.

Various Items.

Jack Frost took a good hard bite at vegetation in the vicinity of this city last Friday night. Even native plants, such as sagittarias on the margin of the pond of aquatics in Lincoln park, were badly cut down. Coleus were quite wiped out and cannas were badly browned. Salvia splendens still gives color in the border, however, though all tender plants may be considered done for the season. Since the frost the days have been much warmer and present indications are that we may have an "Indian summer" this fall.

Mrs. Charles W. McKellar, who was Miss Harriet Ayres until last Wednesday evening, is now regulating the movements of the head of the firm of McKellar & Winterson. The marriage took place at St. James church and was a very quiet affair, but there is to be a less exclusive celebration in the near future, at which a few thousands of Charley's friends will have an opportunity to express their felicitations on his admirable conduct since last Wednesday, which is now explained. In the meantime he is using a very good brand of cigars.

The great industrial parade during the fall festival has been postponed till Tuesday evening, October 10, and there will therefore be a little more time to perfect the floral float.

The fall army worm has worked some little damage to carnations under glass as well as outside. Hand picking is the only sure cure discovered as yet.

The next regular meeting of the Florists' Club takes place tomorrow (Friday) evening.

BUFFALO.

Business Conditions.

At last we can report with emphasis and truth that business is better. It is a good deal better than this time last year. Although there are perhaps many men yet looking for a job, there are many more men working than have been for the past five or six years.

Since a New York syndicate bought our city and suburban trolley line for twenty-five millions and are spending several millions on new equipment, work has been more plentiful, and when the workingman earns his wages the dry goods stores and grocery keepers get a share of it, and then the storekeeper's wife and daughter can buy some flowers, and so it goes.

We all live on one another, and although there is beef and wheat and sugar and wool to make every soul of us full and warm, there is a terribly unequal distribution of it, but there is likely to be a better one in time to come.

We never remember a greater scramble for flowers than has occurred the past week. Asters are gone. Carnations are coming in as yet in very limited quantities. People are asking for violets, and you see in some windows "Violets one dollar per hundred," but they are poor looking things; another two weeks there will be violets fit to bear their pretty name. Roses we can get in abundance.

Various Items.

Last night was the first real frost; other nights it has been so close that our tender plants have had a good schooling in cold weather, and even geraniums have stood the two or three degrees without much danger.

Pan-American affairs are going ahead. The eight-foot fence surrounding the site will soon be completed, Mr. Rudolph Ulrich, the landscape superintendent, has a force of men on and soon a large lot of trees and shrubs will be planted in the nursery preparatory to their permanent disposal in early spring. Mr. George McClure will be his assistant, and a very able man "Mac" is. He was a little off on his bowling at Detroit, like some others, but when it comes to handling men and teams and putting the finishing touches on lagoons and banks and terraces, he makes a strike every time.

At last Prof. Cowell, of the Botanical Garden, can empty his overcrowded houses into the large range that is about completed. Six commodious houses are already occupied and this must be a great relief to the man in charge, as well as to the plants.

There have been a few visitors in town. Mr. Winfried Tolker early last week, and at the present moment we have Mr. Harry Balsley, with others. Mr. B. worked hard to make others happy at Detroit, and we all know how well he succeeded, but he says he was "tired" when it was over and has been taking a western trip, and is just now returning from a trip to Deweytown, formerly known as "New Yaek."

There has been quite a shake up in florists' help the past four weeks. Mr. Charles Porter is now with William Scott; Mr. George Schmidt, Kasting's head salesman, has departed for Pittsburg; Miss Kate Skinner has left Rebstock and talks of starting for herself; Mr. Frank Spiedel has left Anderson and gone to W. J. Palmer & Son, and the latter has lost the service of Mr. Willie Makeup, who is at present not actively employed.

A very pleasant gentleman called yesterday who is too important a looking man to be a florist, that was plain at a glance, but he is interested at

GREEN-HOUSE CONSTRUCTION.

This has been a specialty with us for many years and to us is due the credit for many of the great improvements that have been made in the construction of wooden green-houses. To those that buy our

Clear Cypress Building Material

we furnish, free of cost, complete detail drawings from which any intelligent workman can put up the material correctly. We have plenty of time to write letters ABOUT OUR BUSINESS, and we will be glad to hear from those contemplating building.

Write for Circulars
or Estimates.

LOCKLAND LUMBER CO.

LOCKLAND, OHIO.

Mention The Review when you write.

Morton Grove, Ill., in a range of glass, and his name is Paul Kreismann, and made of just that stuff that will make the bumdrum florist who has been at it all his days, wake up by his energy and business methods. W. S.

INDIANAPOLIS.

Notes.

The late frost has killed everything on the outside here and it has made flowers for funeral work scarce. Roses and carnations could not be bought at any price last week.

State Fair Exhibit.

The floral exhibits at the State Fair, while not so large as in former years, were very tasty and a credit to the exhibitors. John Rieman received 1st on following: Best show design, which represented a Dewey arch; wedding design, two baskets, three bouquets, two best arranged designs. Huntington & Page were 2nd on show design, a large star, and two best arranged designs. A. Wiegand & Son, 1st on palms and plant decorations. W. W. Coles, 1st on cut flowers. While I am writing this article I might mention the downfall of several of our professional florists who entered their exhibits at the State Fair in the amateur classes and captured all the prizes. We thought crape hunting bad, but this is worse. What will they do next?

The club will pay a visit to Mr. W. W. Coles, of Kokomo, on Thursday, October 6, he having sent an invitation to that effect. All are looking forward to a good time.

The mums in this vicinity are looking fine; sorry we do not have a show. FRED.

COLDWATER, MICH.—Van Aken Bros. have built two violet houses, each 20x133, one smilax house, 25x34, and one propagating house, 6x56. They do a commercial business only.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—At once, single man to take care of section of rose and carnation houses. Reinberg Bros., 51 Wabash Avenue, Chicago.

FOR SALE—A bargain, if taken at once. \$150.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

FOR SALE—Old established florist business, 638 Washington Street, Hoboken, N. J.

FOR SALE—300 feet of 1½-inch steam pipe, in good condition, 5 cents per foot. 200 feet of 3-inch, good as new, 30 cents per foot. Martin A. Magnuson, 3300 North Western Ave., Bowmanville, Chicago.

WANTED—On large place, man who understands propagating and bedding out. \$25.00 per month and board, with chance to raise. Address B, care of Florists' Review.

WANTED—Man competent to take full charge of 17,000 feet of glass devoted to cut flowers. Permanent position. Salary, \$50.00 a month. Address, with references, Michigan, care of Florists' Review.

Salesman Wanted.

A sober, energetic young man of good address for permanent position as traveling salesman for well known Eastern firm. Must understand the plant and bulb line. Give references, experience, etc. Address "Confidential," P. O. Box, 1697, New York City.

FOR SALE...

at a great sacrifice, if taken immediately.
My Greenhouse Property,

Consisting of 8,000 feet of glass in excellent condition, with fine stock, nicely fitted office, shop, potting shed, new barn with storage cellar.

Everything ready for the coming year's trade.

An A1 property and business.
No competition within 60 miles any direction.

If you have money, address—

Mrs. F. E. BLAIR,

BIG RAPIDS, MICH.

Mention The Review when you write.

At our reduced prices you can grow better and cheaper plants in

Jadoo

than in any known compost.

Send for our new price lists.

THE AMERICAN JADOO CO.
817 Fairmount Ave.,
PHILADELPHIA, PA.

FOR PLANTS:
Use $\frac{1}{3}$ Jadoo Fibre, $\frac{2}{3}$ soil.
FOR BULBS:
Use $\frac{1}{2}$ Jadoo Fibre, $\frac{1}{2}$ soil.

Mention The Review when you write.

100,000 Plants Ready to Ship.

	Pr 100,	Pr 1000		Pr 100,	Pr 1000		
Pansy Plants, large plants, in bud,	\$.75	\$ 5.00	Primula, Obconica	2 1/2 in.,	\$ 2.00	\$ 18.00	
Petunias, Dreer's, 15 varieties, mixed,			" Auricula		3.00		
2 1/2-inch	2.00	18.00	" Japonica		2.00	18.00	
Begonias, 15 choice varieties, named,			Geraniums, named, our selection,				
2 1/2-inch	2.00	18.00	2 1/2-inch	2.00	18.00		
Iresines, red and yellow	2 1/2 in.,	2.00	18.00	Geraniums, choice, mixed	2 1/2 in.,	1.75	12.00
Coleus, 14 varieties, named	2.00	15.00	Pelargonium, The Queen		2.00		
Velvet Plant		2.00	18.00	Happy Thought	2 1/2 in.,	3.00	
Maiden Hair Fern	2 1/2 in.,	5.00	Alternantheras, 3 varieties, strong,				
A. Plumosus	5-in.,	15.00	2 1/2-inch	2.00	15.00		
Feverfew, Little Gem	2 1/2 in.,	2.00	15.00	Cigar Plant	2 1/2 in.,	2.00	
Primula, Chinese, mixed		2.00	18.00	Jerusalem Cherry	6-in.,	10.00	

.....NEW PLANTS.....

	Pr doz.,	Pr 100		Pr doz.,	Pr 100	
New Yellow Baby Primrose, 2 1/2 in.,	\$ 1.20	\$ 10.00	New Geranium, Dble. Snow Drop,			
New Geranium, De Roo Mitting,			2 1/2-inch	\$ 1.20	\$ 10.00	
2 1/2-inch	1.20	10.00	Lobelia, Scarlet Bloom	2 1/2 in.,	1.20	10.00

CASH.

THE MORRIS FLORAL CO., MORRIS, ILL.

Mention the Review when you write.

High-Grade Chrysanthemums Wanted!!

WHILE we will have "Mums" for all, in all grades, we desire to secure a larger supply of strictly gilt-edged stock. Growers assured of a cut of first-class "Mums" will find it to their interest to correspond with.....

E. C. AMLING, WHOLESALE CUT FLOWERS,

W. S. HEFFRON, Mgr.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

M. RICE & CO.

NEW ILLUSTRATED CATALOGUE FOR THE ASKING.

Exclusive Importers and Manufacturers of

Florists' Supplies

918 Filbert Street,

PHILADELPHIA, PA.

Mention The Review when you write.

Asparagus Sprengerii,

2 1/2-in. pots	per 100,	\$ 6.00
ASPARAGUS TENUSSIVUS, 2 1/2-in. pots,	"	4.00
CAREX VARIEGATA,	"	5.00
BEGONIA REX, in variety, 5-inch pans,	"	10.00
CYCLAMEN, finest strain, in 4 colors,	"	5.00
2 1/2-inch pots	"	5.00
GREVILLEA ROBUSTA, 2 1/2-in. pots,	"	5.00

VIOLETS, extra strong field-grown clumps of
PRINCESS OF WALES per 100, \$ 8.00
CALIFORNIA 5.00

All of the above plants are in fine condition and are sure to give satisfaction.

NATHAN SMITH & SON, Adrian, Mich.

Perry Watson & Co.

CALIFORNIAN SEED HOUSE

— SPECIALTIES —

Onion Seed	Sweet Peas	Lima Beans
Lettuce	Cosmos	Salt Bush
Celery	Hollyhock	Bromus Grass
Carrot	Verbenas	Bermuda "
Salsify	Asters	Johnson "
Parsnip	Mignonne	etc.
etc.	etc.	

ALL CALIFORNIA GROWN. WHOLESALE ONLY.

SACRAMENTO CALIFORNIA

Mention The Review when you write.

Roses, Carnations and Violets.

Bridesmaids, 3-in. stock	\$ 5.00 per 100.
Meteors, 2 1/2-in. pots	4.00 "
Kaiserin, 4-in. pots	8.00 "
Violets in 2 1/2-in. pots	3.00 "
Field Grown Carnations, ready after Sept. 1st,	
all the leading varieties, \$ 5.00 a 100, \$ 10.00 a 1,000.	
Field Grown Violets, 5.00	40.00 "

WM. F. KASTING, 481 Washington St., Buffalo, N.Y.
Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

SEND IN YOUR ORDER NOW

for a copy of the
FLORISTS' MANUAL.

IF YOU have any surplus stock to offer to the trade remember that you can sell it most quickly and cheaply through an offer in the Review's Classified Plant Advs.

ESTABLISHED 1802

THORBURN'S SEEDS

DUTCH BULBS

and

LILY OF THE VALLEY PIPS

For FORCING and OUTDOOR planting.

Florists and Dealers are invited to send for Trade List, now ready.

J.M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention the Review when you write.

S PULVERIZED SHEEP MANURE.

Something new in this line, as it's full strength. Can use it with hose. 75-lb. sack, \$ 1.00; per ton, \$ 14.00. Write for samples.

A. MITTING, - MORRIS, ILL.

Mention The Review when you write.

PHILADELPHIA.

The Dahlia Congress.

The congress of American dahlia growers was opened at 10 o'clock Tuesday morning in the convention hall of the Exposition. Owing, however, to the fact that carpenters were still at work on the building, the first session was postponed till the following morning.

The hammering of the workmen did not, however, interfere with the magnificent exhibition of cut blooms. The display completely filled the hall and constituted one of the most interesting features of the Exposition. Nearly a hundred thousand blooms were tastefully arranged in vases on the display tables, while the columns and walls were almost wholly concealed by many varieties of decorative plants.

One of the attractions was a long tank containing a large collection of water lilies in great variety and other aquatics, exhibited by H. A. Dreer.

W. P. Peacock was the largest exhibitor of dahlias, he showing several hundred varieties, including many new ones. W. Atlee Burpee, H. F. Michell and W. H. Maule also made excellent displays.

Following are the awards made by the judges, Messrs. James Campbell and Harold Otter:

Burpee prizes, limited to amateurs, largest and best display, best collection 12 blooms, 12 varieties, and best arranged vase for decorative effect, Thomas Holland, gardener to H. B. Rosengarten, Malvern; best 25 blooms, 25 varieties, Francis Canning, gardener to Mrs. C. F. Berwind, Wynnewood.

The Henry F. Michell prizes, for largest and best general display, to L. K. Peacock, Atco, N. J.; second, William Henry Maule, Philadelphia.

The Maule prizes for vases of 25 blooms were awarded to L. K. Peacock for each "Clifford W. Bruton," "Grand Duke Alexis," and "A. D. Livoni," to Julius Reck, Villanova, for "Frank Smith."

The A. Blanc prizes were awarded to L. K. Peacock's Storm King as the best white; to W. H. Maule's "American Flag" as best of the fancy type; to Peacock's "Emily" as best of the show class; to W. H. Maule for best Gift Edge and for Baron Schroeder as best of the cactus.

Special prizes awarded were: To Francis Canning for display of decorative plants; to H. A. Dreer for tuberous rooted begonias in variety; for the pink anemone Queen Charlotte and for display of aquatics.

Trade Notes.

The invitation of the Springfield Hort. Society to hold the next meeting under its auspices was accepted.

Trade has been exceptionally good the past week, with demand increasing and prices stiffening.

J. Wolff, Jr., had a large reception decoration at the Mercantile Club and reports a very busy week, having also had considerable funeral work.

Recent visitors: Mr. Gerlach, Newark, N. J.; Horace Rimby, Collegeville, Pa.

.....115,000 FIELD-GROWN.....
CARNATION PLANTS.


Our plants are very large and stocky, perfectly healthy, free from dry leaves, etc.

	Per 100	1000		Per 100	1000
WM. SCOTT, -	\$4.00	\$30	DAYBREAK, -	\$5.00	\$45
McGOWAN, -	4.00	30	ANNA WEBB, -	5.00	45
PORTIA, -	4.00	35	JOHN YOUNG, -	all sold.	
ELDORADO, -	4.00	35	FLORA HILL, -	"	
FISHER, -	4.00	35	NEW YORK, -	"	
200 ALASKA, -			\$4.00 per 100.		

Our prices are very low and are for CASH only.

EDW. J. TAYLOR, Southport, Conn.

Mention the Review when you write.



CARNATIONS.
Fine large stocky plants. None better. Guaranteed to please you.

Per 100

Flora Hill ... \$4 to \$5
Morello ... 4 to 5
M. Pingree ... 3 to 4
Scotts ... 3 to 4
Daybreak ... 3 to 4
McGowan ... \$2.50 to 3
A few hundred Smilax left, 2-in, very strong, to close at \$1.00 per 100.
Low express rates.

C. HUMFELD,
Clay Center, Kansas.

Mention The Review when you write.

Carnation Plants.

FINE, STRONG, FIELD-GROWN

600 FLORA HILL.....	\$4.00 per 100.
250 BON TON.....	4.00

Other varieties, all sold.

E. HAENTZE, Fond du Lac, Wis.

Mention The Review when you write.

CARNATIONS...

All sold except

SCOTT AND IVORY.

Last call for them.

CRABB & HUNTER, - Grand Rapids, Mich.

Mention The Review when you write.

3,000 Field Carnations.

STRONG, BUSHY PLANTS.

Flora Hill, L. McGowan, Daybreak, Scott, Rose Queen and H. White.
In fine condition to plant. \$4.00 per 100

F. E. BLAKE, - - MARION, O.

Mention The Review when you write.

PANDANUS VEITCHII

6-inch pots, \$12.00 a dozen.
7-inch pots, 15.00 a dozen.
8-inch pots, 24.00 a dozen.

Stock is in excellent condition.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R. GERMANTOWN, PA.

Mention The Review when you write.

"TIME is money." You can save it by consulting The Review's classified ads, when in need of stock.

Herr's Pansies.

THE BEST IS WHAT YOU WANT, common Pansies are dear at any price. The "best florists" in the country are my customers, they will tell you there are no other Pansies quite as good as mine. Try them and you will say the same when they come into bloom.

PLANTS NOW AND UNTIL MARCH:

Free by mail at 75c per 100; 250 for \$1.50; 500 for \$2.50. By express, \$4.00 per 1,000.

ALBERT M. HERR,
Lancaster, Pa.

Mention The Review when you write.

Zirngiebel Giant Pansy.

Seed is \$1.00 for trade pkt., or \$5.00 per oz.

Also plants of the above at the same rate as common varieties, \$5.00 per 1,000, securely packed to go any distance. Large transplanted plants, for winter bloom, at \$2.00 per 100.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

PANSIES WORTH RAISING....

SEEDS—3-16 oz., \$1.00; 1 oz., \$4.00.

PLANTS—By express, 500 for \$2.50; 1000 for \$4.00. Cash with order.

C. SOLTAU & CO., 199 Grant Avenue,
JERSEY CITY, N. J.
Mention The Review when you write.

PANSIES. The Jennings' strain, large flowering, PLANTS now ready. All colors, finest mixed, by mail, 60c per 100; by express, \$4.00 per 1000. SEED of above, \$1.00 per pkt., \$5.00 per oz.

Cash with order. **E. B. JENNINGS,**
Lock Box 254,
Southport, Conn.
GROWER OF THE FINEST PANSIES
Mention The Review when you write.

ONLY A FEW LEFT.
Good Carnation Plants. NO CUTS.

1000 Emily Pierson, per 100,	\$3.00;	per 1000,	\$25.00
1000 Albertini	3.50;	per 1000,	30.00
500 McGowan.....	per 100,	3.00	
200 Helen Keller.....	per 100,	3.00	
300 Mixed varieties.....	per 100,	2.50	

W. C. BRYFOGLE, BLOOMSBURG, PA.

Mention The Review when you write.

Mention The Florists' Review when writing advertisers.

Carnations.

FIELD-GROWN PLANTS.

Until sold out we offer the following varieties,
ALL STRONG, WELL-GROWN PLANTS:

An extra fine lot of Hector, Evelina and Joost. We must clear the field. Order quick!

Per 100	Per 100
Helev Keller.....\$5.00	Mrs. F. Joost.....\$6.00
Albertini..... 5.00	Fire Fly..... 4.00
Pingree..... 6.00	Argyle..... 5.00
McBurney..... 4.00	Cerise Queen..... 4.00
Triumph..... 6.00	Empress..... 5.00
Hector..... 6.00	Wm. Scott..... 6.00
Armazindy..... 4.00	John Young..... 6.00
Portia..... 4.00	Evelina..... 6.00
Storm King..... 5.00	New York..... 5.00
Wellesley..... 5.00	Dazzle..... 4.00

1000 rates, 20 per cent. discount.
500 plants at 1000 rates.

H. WEBER & SONS,
OAKLAND, MD.

Mention the Review when you write.

Field Grown Carnations..

September delivery and later.

We have a very large stock, including

G. H. CRANE, MACEO, GLACIER,
and MRS. JAS. DEAN, in good,
healthy condition.

Send for Price List.

F. DORNER & SONS CO.,
La Fayette, Ind.

Mention The Review when you write.

Bread and Butter CARNATIONS.

Uncle John and McGowan, Wm. Scott, Rose Queen and Albertini, (Red) Dazzle, Variegated, Old Glory. We all know these are good, reliable varieties that can be depended upon from start to finish. \$3.00 per 100, to clear the field quick.

12,000 Rose Plants occupy our propagating houses and **must be moved at once** to make room for 50,000 Verbena and Petunia Cuttings. In order to move this stock quick we will fill orders at half value for thirty days. Every plant guaranteed as fine as you ever saw; out of 3½ and 4-inch pots. Meteors, Brides, Maids at \$4.00 per 100, cheap at \$8. Same varieties, strong, 2½-inch, \$3.00 per 100; \$25.00 per 1000.

PRINCESS PAULINE AGERATUM, the greatest novelty of the year, fine pot plants, 50 cents per dozen, \$3.00 per 100. Cash with order, please.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

Carnations for Sale.

Portia, Scott, Tidal Wave and Silver Spray,
\$3.00 per 100, \$20.00 per 1000, 500 at 1000 rate.
300 2-inch Primulas at 2 cents each.

JAMES C. MURRAY,
401 Main Street, - - - PEORIA, ILL.

Mention The Review when you write.

Begonias...

ASSORTED VARIETIES, FROM TWO-INCH POTS.

\$2.00 per hundred.

EXTRA STRONG.

Pansies , Giant Trimardeau Strain.....per 100, 50c; per 1000, \$4.00	
Bellis Perennis , Giant Red, Snowball..... " 50c; " 4.00	
Geranium , Double New Life, 2-inch pots.....per 100, 4.00	
Heliotrope , Purple and White, 2-inch pots..... " 2.00	
Ageratum , Princess Pauline, 2-inch..... " 2.00	
Double Petunias , four fine varieties, 2-inch..... " 2.00	
Rose Geranium , 2-inch..... " 2.00	

15 extra plants for every 100 ordered. Terms: cash or C. O. D.

Grevillea Robusta, 2-inch pots, strong, per 100, \$2.50

EDWARD B. JACKSON,

SEND FOR PRICE LIST.

STAMFORD, CONN.

Mention The Review when you write.

4 Acres Field-Grown Carnation Plants, 100,000

Our Carnations this year are very fine. They have been grown with the greatest care, free from disease, and packed by our improved system of packing by which we can send to all parts of the United States in perfect condition.

MAYOR PINGREE	BUTTERCUP		
\$1.50 per dozen, \$8.00 per hundred.			
C. A. DANA	ARMAZINDY	STORM KING	FLORA HILL
CRIMSON SPOR	DAYBREAK	JUBILEE	METEOR
PAP. KING	ALASKA	ELDORADO	
	\$1.25 per dozen, \$6.00 per hundred.		
McGOWAN	L. L. LAMBORN	SWEET BRIER	IVORY
BRIDESMAID	PORTIA	ALBERTINI	WM. SCOTT
			MRS. FISHER
	\$1.00 per dozen, \$5.00 per hundred.		

PANSY PLANTS. Grown from extra choice seed of our own production and not surpassed in variety, size, beauty of coloring and freedom of flower by any others grown. 50 cents per hundred, \$4.00 per thousand.

Mention The Review when you write.

J. L. DILLON, BLOOMSBURG, PA.

FINE FIELD GROWN CARNATION PLANTS.....

CHEAP FOR CASH.

2000 Bride of Earls court, extra fine.
1000 Bridesmaid, " "
1000 Wm. Scott, " "
\$5.00 per 100; \$20.00 per 500; \$35.00 per 1000.
1000 Helen Keller, good plants.
2000 Lizzie McGowan, " "
1000 Wm. Scott, " "
\$3.00 per 100; \$13.75 per 500; \$25.00 per 1000.

CHAS. AKEHURST & SON, White Marsh, Md.

THRIFTY FIELD CARNATIONS WITH PLENTY OF ROOTS.

Send for prices.
All the NEW and LEADING varieties.
GEO. HANCOCK & SON,
GRAND HAVEN, Mich.
Mention The Review when you write.

A SURPLUS

of Clean, Healthy Stock of No. 1
FLORA HILL FIELD-GROWN CARNATION PLANTS, at \$5.00 per 100, \$40.00 per 1000.

Victor, Empress, Bon Ton, at same price.
McGowan, \$3.00 per 100, \$25.00 per 1000.
Cash or satisfactory reference with all orders.

W. E. HALL, CLYDE, Ohio.

FIELD GROWN CARNATIONS.

BEST NEW AND STANDARD VARIETIES.
Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

WASHINGTON.

Frost has made its appearance and cut down most of the outdoor tender stock, and has caused advanced prices for good roses and carnations. Demand for good stock seems to be on the increase. Maids, Meteors and Brides sell readily at 4 to 6 cents; Meteor and La France, 6 cents; carnations, 1 to 1½ cents. Violets have also made their appearance and bring 30 to 50 cents per 100.

Palm and fern pans are selling well for this season of the year; prices ranging from 25 cents to \$2.00.

A. Nelson, Paterson, N. J., and a representative of Edwards & Docker, Philadelphia, were in town this week.
F. H. KRAMER.

STATES REQUIRING INSPECTION.

Will you please tell me what states require inspection of nursery stock before being admitted? **SUBSCRIBER.**

In response to a letter of inquiry Prof. L. O. Howard, Government Entomologist, Washington, writes:

"So far as the records on file in this office show, the states of Georgia, Iowa, Illinois, Maryland, New Jersey and Kentucky require certificates of inspection. Wisconsin, when no certificate is attached, requires that the stock be then examined by some state officer; while California, Oregon, Washington and Colorado require an examination by a state officer. I feel reasonably certain that other states require certificates, but if so this department has not been notified."

BOSTON.

Robert Farquhar has been obliged to give up business on account of ill-health and W. W. Rawson & Co. have purchased his entire stock of bulbs, tools and sundries. They have also purchased the handsome fixtures and fittings of Mr. Farquhar's store and are now refitting their own establishment, intending to make it the most complete of any in New England.

KNOXVILLE, TENN.—J. D. Carnes, the florist, was killed Aug. 8 last in a railroad wreck. The business is being continued by his widow, Mrs. Idella Carnes.

REINBERG BROS.
Wholesale Growers of
Cut Flowers
We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine . . .
AMERICAN BEAUTIES.
51 Wabash Ave., CHICAGO
We close at 6:30 p. m. Sundays and Holidays at noon.
Mention The Review when you write.

800,000 FEET OF GLASS.
No charge for packing.

Wholesale Price List.

AMERICAN BEAUTY		
30-36-inch stem.....	per doz.	\$3.50 to \$4.00
24 " " " " " "	" " "	2.50 to 3.00
20 " " " " " "	" " "	2.50
15 " " " " " "	" " "	2.00
12 " " " " " "	" " "	1.50
8 " " " " " "	" " "	1.25
METEOR	per 100.	4.00 to \$6.00
BRIDESMAID	" " "	3.00 to 5.00
BRIDE	" " "	3.00 to 5.00
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We are specially short on "Green," such as Asparagus Plumosus, Asparagus tenuissimus, Asparagus Sprengeri, Princeps Fern, Farleyense, etc., etc. Growers of these lines would do well in this market. In short, if you are a seller, SEE US. If a buyer, SEE US.

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Promptness in all branches makes us just what we have always claimed, the Oldest, Most Reliable firm of its kind in the United States.

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Orchids, High-Grade Roses,
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We have a fine and large stock in popular sizes. Send for our list.

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Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO
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Florists' Review

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TARRYTOWN, N. Y.

Hort. Society Meeting.

The regular monthly meeting of the Tarrytown Horticultural Society was held in the Vanderbilt building, Main street, on Thursday evening, the 28th ult., but owing to the horticultural fair at the American Institute, New York, and the Dewey celebration the attendance was somewhat less than usual. Several items of importance in connection with the forthcoming exhibition were discussed and disposed of.

John Humphrey, gardener to Mr. Legg, Tarrytown, exhibited a vase of an unnamed carnation, of the Eldorado type, which showed up well and was very favorably commented upon. Walter M. Cooke, Tarrytown; Claude Wilson, Dobbs Ferry, and Peter Franklin were elected to membership. Robert Henderson, Irvington; Steven Bradley, Hastings; John Boshard and Joe Money were proposed.

Exhibit at Westchester Fair.

The Westchester county fair held last week at White Plains, besides its agricultural splendor, had several features of interest to the florist and horticulturist alike. For the most effective group of not less than 100 potted plants, F. R. Pierson Co., Tarrytown, secured first honors. They had a nice, clean collection of palms—kentias, latanias, arecas—pyramid and standard bays, Pandanus Veitchii, with an edging of selaginella. This was arranged as a triangle and was very effective. J. S. Snedeker, White Plains, was second. His comprised a general collecting of greenhouse flowering plants of over 100 varieties. Cooke & McCord, Tarrytown, were third with a very creditable exhibit for the budding florists. F. R. Pierson Co. secured first honors for dahlias and cannas, with a superb collection. J. S. Snedeker was first for a general collection of cut flowers. Fruit and vegetables were very fine.

Various Notes.

The competition for the private gardeners' bulb orders seem to be getting keener than ever. I chanced to walk along Broadway one afternoon last week, and in less than half an hour, before I had walked one mile, I came across the following: John Egan, of Egan & Sons, North Tarrytown; W. T. McCord, of Cooke & McCord, Tarrytown; the representatives of Stumpp & Walter Co. and of Weeber & Don, New York. All had a special line, of course, and were ready to write you up for anything from one-half pound of raffia to a greenhouse.

Cooke & McCord are still adding to their greenhouse space. At present they are building a house for growing palms.

The general report is, "Business is good."
AAS. T. SCOTT.

Always mention the Florists' Review when writing advertisers.

5,000 Begonia Rex and 5,000 Primroses, EXTRA FINE.

POT PLANTS.

Farquhar Violets, 2 1/2-inch.....	\$3.00 per 100	Primrose, Chinese, 2 1/2-in., Extra Fine strain.....	\$3.00 per 100
Double White Stock, 2-inch.....	3.00 "	Manettia bicolor, 3-in.....	6.00 "
Forget-Me-Not (Winter Flowering), 2 1/2-inch.....	4.00 "	GERANIUMS—2 1/2-in. Sweet Scented..	
Begonia Rex, assorted, 2 1/4-inch.....	4.00 "	Mrs. Pollock, Pansy..	4.00 "
" named.....	6.00 "	Mrs. Parker.....	6.00 "
Lemon Verbena, 2 1/4-inch.....	3.00 "	Happy Thought, 2 1/2-in.....	4.00 "
Impatiens Sultana, 2 1/4-inch.....	3.00 "	Silver Leaf, 2 1/2-in.....	4.00 "

ROOTED CUTTINGS.

GERANIUMS—Assorted.....	\$1.50 per 100	GERANIUMS—Mme. Salleron.....	\$1.25 per 100
Mixed.....	1.25 "	Preak of Nature.....	4.00 "
Mrs. Happy Thought.....	3.00 "	Begonia Rex.....	2.00 "
Mrs. Pollock.....	2.00 "	Incarinata Gigantea.....	2.00 "
Mrs. Parker.....	4.00 "	" Flowering.....	2.00 "
Silver Leaf, Rose Scented, Ivy.....	1.50 "	Impatiens Sultana.....	2.00 "
		Manettia bicolor.....	2.00 "
		Forget-Me-Not (Winter Flowering).....	2.00 "

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This offer only holds good as long as stock is unsold.

NARCISSUS, Paper White Grandiflora, extra fine.....	\$ 6.75 per 1000
ROMAN HYACINTHS, fine stock.....	14.00 "
LILIUM HARRISII, 5-7, all repacked.....	40.00 "

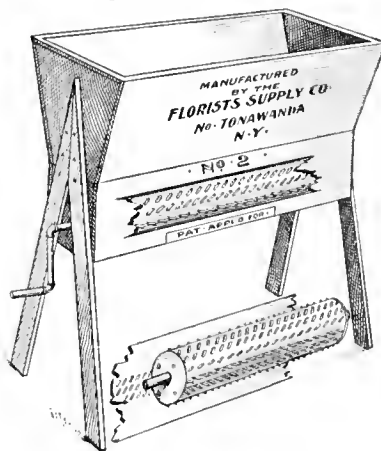
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HUNDREDS of Florists are using our Pulverizers. You can regulate it. Send for list of testimonials.



Patent applied for.
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THE FLORISTS' SUPPLY CO.,
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Sole control of
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Fine Strong Plants FOR STOCK

- Geranium Mme. Jaulin, 3-in., \$8.00 per 100. The Peach Pink Bruant.
- Mme. de la Roux, all sold.
- Abutilon Savitzii 3-in., \$5.00 per 100. A grand bedding plant, grows dwarf and bushy—capital plant to use with Crotons
- Russelias Multiflora and Elegantissima, 2 1/2-in., \$2.50 per doz. Magnificent basket plants, forming a shower of blazing coral red when well grown. Grown as easily as the old German Ivy.
- Browalia Gigantea, all sold.
- Acalypha Sanderii, all sold.

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THE COTTAGE GARDENS, Queens, N. Y.

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CABBAGE PLANTS.....

Field grown, 15c per 100, \$1.00 per 1000; if by mail, add 10c per 100.

Write for prices on large lots for fall planting.

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American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.
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Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 705 Penn Avenue, PITTSBURG, PA.
FLORISTS' SUPPLIES. Write for Price List. Mention The Review when you write.

FIRST QUALITY FORCING ROSES == PERFECTLY HEALTHY and grown especially for late planting.

Only selected growth from flowering shoots used in propagating.
SUNSETS. SAFRANO. PRESIDENT CARNOT. KAISERIN. METEOR. MAIDS. WOOTTONS. PERLES. MME. HOSTE.
3-inch pots, \$5.00 per 100; 4-inch pots, \$8.00 per 100.
Mention The Review when you write. J. L. DILLON, BLOOMSBURG, PA.

COLD STORAGE Lily of the Valley, Fall 1899.

NOW IS THE TIME TO ENGAGE FIRST CLASS PIPS IN FINE CONDITION! Cases are supplied with from 1000 to 1200 pips at \$14.00 per 1000. Write for special prices for large quantities.
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THE TRUE FRAGRANT SWEET BRIAR.
1,000 Rosa Rubiginosa, 4 to 5 feet, per 100, \$5.00
1,000 " " 2 to 3 " " 3.00
1,000 " " 1 to 2 " " 2.00
10,000 Berberis Thunbergii, per 100, \$3.00 to 7.00
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For Summer Use in Cold Storage. Write the Introducer.
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Chinese, ready for 3-in. pots, 100, \$1.75
Obconica grand, " " " " 1.75
" " rosea, ready for 3-in. pots, " 1.75
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Pansy Plants, 1000, \$2.75 " .50
Cash with order.
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Asparagus Plumosus Nanus Shipped to any part of the country.
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THE LETTER F.
Under the letter F in the Florists' Manual Mr. Scott covers fully the following important subjects, with many handsome illustrations. The article on Ferns alone fills nine of the large pages of the book:
Ferns (15 illus.).
Fertilizers and Manures,
Ficus (illus.).
Fittonia,
Floral Arrangements (13 illus.).
Freesia.
Fuchsia.
Fungicides and Insecticides.

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Original Headquarters for CARNATIONS.
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" Cuneatum, extra large, 4-in. pots, 100, 10.00
Crotons, 12 finest sorts, colors fine, 4-in., doz., 1.00
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Selaginella Africana, fine blue and others, 3-in. pots, doz., .50
Ferns, from flats, nice little plants for small pots, 10 sorts, 100 free by mail, 1.25
Careful packing. Cash with order. Plants gratis
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A limited number left of freshly imported Cattleya Lantata, C. Spectabilis and C. Gaskelliana. C. Mendellii expected shortly.
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Abutilon Savitzii. A grand bedding plant. Grows dwarf and bushy. Capital plant to use with crotons. 3-inch, \$5.00 per 100.
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Acalypha Sanderi. 2½-in. plants, \$12.75 per 100, \$1.40 per 10.
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Princess Pauline, fine pot plants, 50c per doz.; \$3.00 per 100.
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Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengeri, 2-inch, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$4.00 per 100.
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A. Sprengeri (very fine), 2½-in. pots, per doz., 50 cts; per 100, \$3.00, per 1000, \$25.00.
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Asparagus Sprengeri, 2½-in., \$6.00 per 100. Asparagus Tenuissimus, 2½-in., \$4.00 per 100.
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Asparagus plumosus, all sizes.
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A. plumosus, 5-in., \$15.00 per 100.
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A. Sprengeri, 2-in., \$1.00 per 100.
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We offer all the leading varieties:
First size, 10 to 12 in. diam., \$40 per 100.
Select, 12 to 14 in. diam., \$50 per 100.
Extra size, 14 to 16 in. diam., \$60 per 100.
Specimen plants from \$1.00 each up.
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5000 Begonia Rex. Assorted, 2¼-inch, \$4.00 per 100; Named, \$6.00 per 100. Rooted cuttings: Rex, \$2.60 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D.
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Choice varieties, named, 2½-in., \$2.00 per 100, \$18.00 per 1000. Morris Floral Co., Morris, Ill.

Gloire de Lorraine, 2-in., \$2.50; 3-in., \$3.50 per doz.
C. Merkel & Son, Mentor, O.

Begonia Rex, per 100, 5-in. pans, \$10.00.
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Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$8.00 per 100.
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Browallia, 2-in., \$2.50 per 100. Best varieties.
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Freesia Bulbs, for immediate delivery. Select mammoth bulbs, \$6.00 per 1000; First size, \$5.00 per 1000; second size, \$4.00 per 1000. California grown.

Calla Bulbs, select California grown. First size, 1¼ to 1½ in. diam., \$5.00 per 100; Select, 1½ to 2 in. diam., \$7.00 per 100; Extra select, 2 to 3 in. diam., \$9.00 per 100. Order now.
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Lil. longifl., sound and plump, 5x7, 100, \$2.50; 1000, \$23.00; 6x8, \$4.50—\$40.00; 7x9, \$6.50—\$60.00; 9x10, \$12.00. Calla, extra fine, 3-5, 100, \$4.00; 1000, \$35.00. Cyclamen giganteum, gorgeous colors, doz., \$1.50; 100, \$9.00. H. H. Berger & Co., 47 Barclay St., New York.

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Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100.
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Canna bulbs, ready this fall, \$7.00 per 1,000, cash.
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J. L. Dillon, Bloomsburg, Pa.

We offer the following varieties, all strong, well grown plants. An extra fine lot of Hector, Evelina and Joost. We must clear the field. Order quick. Per 100, Helen Keller, \$5.00. Pingree, Triumph, Hector, Joost, Scott, J. Young and Evelina, \$6.00. Albertini, Storm King, Wellesley, Argyle, Empress and New York, \$5.00. McBurney, Armazindy, Portia, Fire Fly, Cerise Queen and Dazzle, \$4.00. 1000 rate, 20 per cent discount. 500 plants at 1000 rate.
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Field-grown plants. I have the following varieties left: 400 Armazindy, 400 Argyle, 250 Empress, at \$4.00 per 100; 600 Daybreak, 50 Evelina, 200 Flora Hill, \$3.00 per 100; 300 Flora Hill, \$5.00 per 100; 150 Portia, \$6.00 per 100; 200 Argyle, \$2.00 per 100. You will make no mistake in sending me your order, as my stock is the best in the market, cash with order.
N. Zweitel, 14th St. and Groeling Ave., Milwaukee, Wis.

Field-grown carnations in fine condition. We still have the following to offer:
Evelina and Argyle, \$5.00 per 100, \$40.00 per 1000.

McGowan, McBurney, Mayor Pingree, Tidal Wave, Portia, Nancy Hanks and Robinson, \$3.00 per 100; \$25.00 per 1000.

Wm. Scott, \$2.50 per 100; \$20.00 per 1000.
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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

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Fine field grown plants, cheap for cash. 2000 Bride of Earlscourt, 1000 Bridesmaid, 1000 Scott, extra fine, \$5.00 per 100; \$20.00 per 500; \$35.00 per 1000. 1000 Helen Keller, 2000 Lizzie McGowan, 1000 Scott, good plants, \$3.00 per 100; \$13.75 per 500; \$25.00 per 1000.
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Large, healthy field-grown plants. McGowan, \$3.50 per 100; \$30.00 per 1000. Victor, Flora Hill, \$6.00 per 100. Daybreak, Alaska, \$5.00 per 100. Chas. E. Heite, Merriam, Johnson Co., Kan. Merriam is only 10 miles from Kansas City, Mo.

Alaska, Albertini, Tidal Wave, Evelina, Wm. Scott, Genesee, Meteor, Mayor Pingree, Flora Hill and Victor, \$5.00 per 100. Cerise Queen, the best new, medium plants, \$6.00 per 100. Geo. A. Rackham, 880 Van Dyke Avz., Detroit, Mich.

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	ln.	in.	lvs.	Each. Doz.
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"	3			1.50
"	6	16-20	6-8	\$ 5.00 6.00
"	6	18-20	5-7	.75 9.00
"	7	20-24	6-8	1.00 12.00
Cocos Weddellana,	3	14-18	4-6	.25 3.00
Kentia Belmoreana,	3	6-7	3-4	2.00
"	3	8-10	4-5	.25 3.00
"	3	18-20	5-6	.75 9.00
"	5	18-20	6-7	1.00 12.00
"	6	20-25	5-7	1.50 18.00
"	7	24-28	6-7	2.50 30.00
Kentia Forsteriana,	5	20-24	4-6	.75 9.00
"	5	25-28	4-6	1.00 12.00
"	6	25-30	6-8	1.50 18.00
"	7	26-30	6-8	2.50 30.00
Phoenix Reclinata,	6	14-16	6-8	.50 5.00
"	6	16-18	7-10	.75 9.00
Pandanus Urtilis,	3			1.50
"	4	12-14		3.00
"	5	14-16		5.00
Peperomia Agyrea,				1.50
Dracaena terminalis,	4			3.00
"		Fragrans,	4	8-10
"		"	5	10-12
"		"	6	14-16
"		"	6	14-16
Araucaria Excelsa at	\$10.00,	\$15.00 and	\$36.00	
per dozen. Cycas Revoluta from 50 cents to				
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	Pot H't.	Char.	Per
	ln.	in.	lvs.
Latania Borbonica,	4	12-15	2
"	4	15-18	2-3
"	5	18-20	4-5
Phoenix Canariensis,	4	15-18	4-5
Seaforthia Elegans,	4	18-20	2

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Peperomias argyrea and arifolia, 3-in., 50c per doz. John H. Ley, Good Hope, D. C.

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Fine field-grown plants of the famous Diamond strain of large flowered pansies. An endless variety of rich and odd colors, shades and markings. All colors, mixed, 60 cents per 100 by mail, postpaid; \$4.00 per 1000 by express. Seed, \$1.00 per 1/2 oz.; \$5.50 per oz. Cash with order. L. W. Goodell, Pansy Park, Dwight, Mass.

From Zirnglebel's Giant Pansy seed at same rate as common varieties, \$5.00 per 1000. Securely packed to go any distance. Large transplanted plants for winter blooming, \$2.00 per 100. Denys Zirnglebel, Needham, Mass.

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Grown from extra choice seed and not surpassed by any other variety for size, beauty of coloring and freedom of flowers. 50c per 100; \$4.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

The Jennings strain. Plants now ready. All colors, finest mixed, by mail 60c per 100, by express \$4.00 per 1000. E. B. Jennings, L. B. 254, Southport, Conn.

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Baby Primrose, blooming plants, ready for 3 and 4-inch pots, \$3.00 per 100; \$5.00 per 200. Chinese, from best strain, \$2.00 per 100. W. J. Engle, Xenia Ave. and Dover St., Dayton, O.

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Reine M. Henrietta, Rambler, Aglala, Mme. Alfred Carrier, and other climbers, 4-inch pots, strong, \$10.00 per 100. Golden Gate, 2 and 3-in., \$4 and \$6 per 100. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

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Pansy seed, Famous Diamond strain, 1/2 oz., \$1.00; 1 oz., \$5.50. L. W. Goodell, Dwight, Mass.

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California, extra fine field-grown plants, 10 to 15 inches across clumps, \$3.00 per 100. Sample 10c. Speak quick!
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Strong, healthy Marie Louise, field-grown, \$4.00 per 100. Sample free.
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500 California, \$2.50 per 100. 200 Swanley White, \$4.00 per 100, clean clumps.
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Iresines, red and yellow, 2½-in., \$2.00 per 100; \$18.00 per 1000. Velvet plant, 2½-in., \$2.00 per 100, \$18.00 per 1000. Feverfew, Little Gem, 2½-in., \$2.00 per 100; \$15.00 per 1000. Cigar Plant, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

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Parlouring Grand, 2½-in., 6c. Cash.
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Improved folding Cut Flower Box. Write for samples and prices.
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Pulverized sheep manure, something new in this line, as it is of full strength. Applied with hose. 75 lb. sack \$1.00; per ton \$14.00. Write for sample. A. Mitting, Morris, Ill.

Jadoo Fibre, a substitute for soil. Jadoo Liquid, the very best fertilizer. Write for printed matter. American Jadoo Co., 817 Fairmount Ave., Philadelphia, Pa.

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The Carey Letter Co., 416 Tremont St., Boston, Mass.; Chas. L. Razoux, Mgr., Manufacturers of Florists' Letters. The best and most artistic letter on the market. Pat. Jan. 2nd, 1887. Prices: 1½ or 2-inch letters, \$1.50 per 100; script letters, \$3.50 per 100. Agents: The Flower Market, Boston; Emil Steffens, New York; McKellar & Winterson, Chicago; H. Bayersdorfer & Co., Philadelphia.

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The Van Reyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts; by mail, 75 cts; in lots of 5000 by express, 55 cts per 1000. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Greenhouse putty. To be applied with a bulb; the only putty made to work this way for greenhouse sash. One gallon, 20 lbs., \$1.00.
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We are headquarters on Sphagnum. Just received several carloads.

Per Bale, \$1.00.

Six Bales, \$5.00.

Ten Bales, \$7.50.

Write for prices on large quantities.
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We are now gathering Sphagnum Moss for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.
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We are just in receipt of some of the best Moss that has reached Chicago in recent years and now is the opportunity to lay in a good stock. 3 bales, \$3.00; 6 bales, \$5.50; 12 bales, \$9.00. Special price on larger quantities.
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Sphagnum moss, best quality. Write L. B. Brague, Hinsdale, Mass.

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We are large manufacturers of Wire Designs and can please you both in quality and price. Send for list.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

C. A. Kuehn, 1123 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We make a specialty of all wire designs. Our stock is large and prices reasonable. Send for illustrated catalogue.
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We are Headquarters for Wire Work.
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Manufacturer of Wire Work for Florists.
James Griffith, 701 Main St., Cincinnati, O.

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WIRE PLANT STAKES.

Per 1000, 18 inches long, \$4.00; 2 ft., \$5.00; 3 ft., \$8.00; 4 ft., \$10.00.

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6000 Nice Field Plants, NO RUST.
Eldorado, Kitty Clover, Kohinor, McGowan, Cartledge, Portia, Scott, Cook.....per 100, \$3.00
700 Clean Clumps, California..... 2.50
300 " Swanley White..... 4.00
500 Smilax, Field Grown..... 1.50
Asparagus Sprengeri, 2-inch..... 4.00
Blue Spirea, 2-inch..... 2.00
Begonia Gloire de Lorraine, 2-inch, per doz.. 1.50
Solanum Capsicastrum, 6-inch..... 2.00
Cash with order.

RONEY BROS., Florists, WEST GROVE, PA.
Mention The Review when you write.

GRAND RAPIDS, MICH.

Various Notes.

Hard frost has completely destroyed all outdoor crops, the temperature dropping to from 18 to 20 degrees, according to location. All carnations are, however, housed and some put in cold frames to hold for sales.

Trade is good, first class at present, and flowers, even to roses, scarce, and as for carnations they simply cannot be had, the outside shipping trade alone would take many times the existing supply. When mums come in it may not be thus. Roses, \$1 per doz.; carnations, 25 cents per doz.; Beauties, \$1.50 and \$2.00 per dozen.

State Fair Exhibit.

The State Fair was a complete success. The weather on the fair's two best days, for attendance, was rainy, cold and raw, yet in spite of this there will be a small balance in favor of the fair after all expenses are paid. The fruit exhibit was scant, but what was shown was of good quality. The plant

exhibit was good and the cut flower pieces exceptionally so.

James Schols and Wm. Cunningham exhibited both plants and cut flowers. Henry Smith, cut flowers only. Crabb & Hunter, plant department only. The real struggle lay in the floral designs, in which Henry Smith led easily, taking first. Schols and Cunningham both had exceedingly well executed designs and as it was difficult to decide which was the better they divided second money between them. In the fancy foliage bed Crabb & Hunter were 1st; Schols, 2nd. Lawn flower bed, Schols, 1st; Crabb & Hunter, 2nd. General collection of stove and greenhouse plants, Cunningham, 1st, Crabb & Hunter, 2nd. Collection of 15 palms, large, Crabb & Hunter, 1st; Cunningham, 2nd. Collection of 12 palms, 6 to 8-inch pots, Cunningham, 1st; Crabb & Hunter, 2nd. The remainder of the premiums were pretty well divided among the three.
G. F. CRABB.

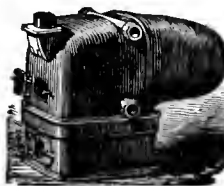
WILLIAMSPORT, PA.

A novel suit was begun before Judge Metzger, of Lycoming county, recently. John Coleman, the plaintiff, alleges that the front rooms of his house and the porch are made uninhabitable by sunlight reflections from transparent glass on the greenhouse of Daniel E. Gorman, the florist, located opposite the Coleman residence. The peculiarity of the suit consists in the attack on the general belief that the law allows a man to build according to his own taste on his own lot. There have been many complaints of adjoining buildings obscuring the light of day, but so far as known this is the first one which alleges that a party is passing on to his neighbor more than the quantity of light allowed by nature.—Local Press.

ELMIRA, N. Y.—The annual chrysanthemum show of the Elmira Horticultural Society will be held Nov. 14 and 15. Premiums are offered for collections of 12 and 6 varieties and for best yellow, white, pink, red and bronze, vase, seedling, etc. Further information may be had by addressing R. B. Stockdale, secretary.

LAKE GENEVA, WIS.—Longland & Holmes have discontinued business. W. P. Longland withdrew last spring and is now gardener for C. P. Hutchinson, Chicago. Mr. Geo. S. Holmes has now given up the business entirely.

PLEASE send us the news of the trade in your vicinity.



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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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WINDSOR ROCKS, CONN.—Howard A. Pinney has leased land on North Main street upon which he will build greenhouses and a salesroom.

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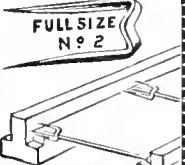
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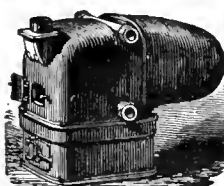
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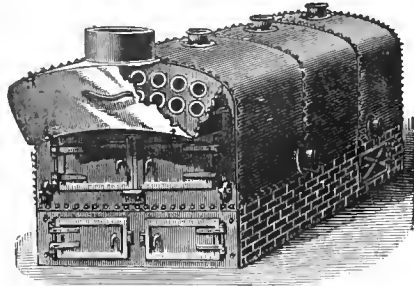
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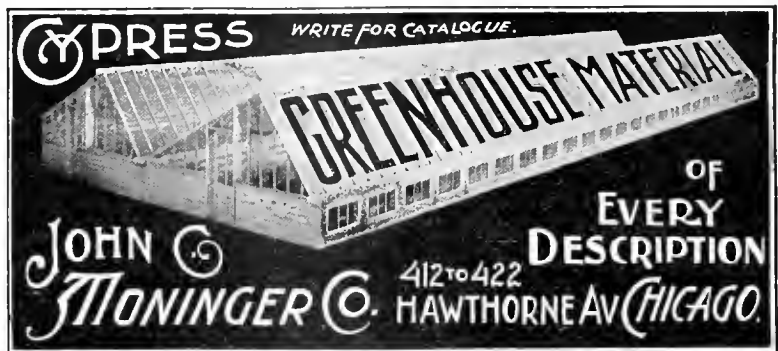
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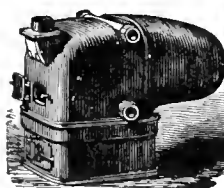
This work is thoroughly practical and discusses fully: Varieties and their Origin; Localities where the Crop is likely to Prove Profitable; Requirements for Success; Construction of Houses and Frames; Heating Houses and Frames; Soils and their Preparation; Manures and Fertilizers; Propagation, Selection, Planting, Watering, Cleaning and Feeding; Picking, Bunching and Marketing; Diseases and their Treatment; Insect Enemies and Methods of Combating them; Cost of Producing the Crop, Profits, etc. Superbly illustrated with upward of 60 plates, plans, diagrams, etc., including Working Drawings of Model Violet Houses; Plans for Complete Heating Systems; Photographs Showing Methods of Handling Soil, Preparing the Beds, Bunching the Flowers, Packing for Shipment, etc. Numerous illustrations showing the character of the more important diseases are also given.

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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building CHICAGO.

Vol. IV.

CHICAGO AND NEW YORK, OCTOBER 12, 1899.

No. 98.



The Chicago Florists' Club's Float in the Fall Festival Parade.

THE CHICAGO FLORAL FLOAT.

We present above an engraving from a photograph (taken under very great disadvantages) of the floral float entered by the Chicago Florists' Club in the Industrial parade at Chicago last Tuesday evening.

It represents Queen Flora and her court. Though imperfect in places, most of the details will be plain to

the eyes of our readers. Over 3,000 tea roses and 500 Beauties were used, in addition to a host of other flowers. In the center of the float is a huge Roman urn filled with long-stemmed beauties. The festoons on the side are all of roses, and the lettering is inellow immortelles.

The float was designed and arranged by the committee, Charles Sannelson, John Gornley, E. F. Winterson and Walter Kreitting, assisted by a host of

others, and all are entitled to a very great deal of credit for their efforts in behalf of the trade.

The float was everywhere received with tremendous applause, and President McKinley was overheard to exclaim, "Gorgeous, gorgeous, sublime!" It was by long odds the most beautiful float in the parade and all feel much elated over the success scored, as evidenced by the plaudits of the people.



Odds and Ends.

We would like very much to devote more attention to the latest styles and colors in millinery and dress, not merely because such matters would be of interest to our fair florists but to demonstrate the influences, the very great influences, such styles have on our business. Every girl wants to know the latest styles even if it is impossible for her to wear them, and it is only the few that are able to get a glimpse of them before they are put on exhibition in every window. Of course it's only our province to note them as they are fashioned to increase or decrease the wearing of natural flowers.

This fall, though we consider the dresses more beautiful than ever, yet many of the colors will not permit the wearing of violets, certainly not the awful ribbons and tasselled ropes we saw last year. Then, again, it looks as if smaller but choicer corsage bouquets would be demanded, this because dress fronts are more elaborate. And, then again, the more exclusive designers have devoted more attention to cattleya shades of coloring. Many of these, particularly those used in millinery, are very beautiful and will no doubt increase the wearing of orchids, that is orchids without "cabbage greens."

Blues and tans always predominate in autumn street dress, and though there are many, aye, among the most wealthy too, who have neither knowledge nor regard for harmony, and will wear any colored flower, still there is an ever increasing army of the critical who put artistic effects before everything. Of course, if you're only interested in ploughing and planting, this doesn't suit you, but some who have to sell your flowers must study such things.

We notice that most of the stores are nicely stocked with plants. How fresh and clean they all look! It's a great pleasure to go around and see them. Don't forget these warm days to put a lot of them out on the sidewalk; make a big show, it does your plants good and will increase your trade. If you have a big plant trade, or desire to have one, put a bright

young plantsman in charge and let him be with them on the sidewalk where he can talk intelligently to the people. Mind you a man should know the plants thoroughly, a little chat of the countries they are natives of will often sell many plants, at least it will interest your customers and show you know your business. Ignorance is like frost in a florist store, it blights trade.

A great many small palms have been bought by retailers this fall. The bulk of the stock has been well grown. Some great bargains have been going at the auction rooms; it's the case at this time, every year; growers want room for mums and money for coal, and retailers who have greenhouses, even those who have not, can pick up some great bargains at these sales, but all the same you must not buy because it's cheap, rather because you can sell and make money. As we remarked last week, half your money can be made in buying; keep your "business head" normal.

Beware of novelties unless they are improvements on the best that is. Of course you must be "up to date," nay far ahead sometimes, to succeed, and it doesn't matter whether you grow plants or sell flowers, keep posted. Join the club, read your trade paper, take little trips and keep your eye open.

If you can give an opening exhibition next month invite the newspapers and the public. Don't make it all chrysanthemums, make a display of palms, get the plant's history out of Nicholson's, and label the plants so the reporters and people will be interested. Show an example of decorative work and put curiosities high up where they can be wondered at. Have your card of invitation done in a way that will induce people to preserve it. Individual shows, properly handled, cost little and beget much.

We all know that the best examples of American floral work are seldom seen but by the artist and the customer concerned. The very few good representative pictures the general trade gets a chance to see are merely the result of special opportunities. The best work is always done at the last

moment, and very few florists are either photographers or have the chance to get their work photographed; this is a great pity, because the work done in all the large cities is often very grand, and if some of it could be illustrated, would tend both to our having a higher estimation of our calling as a profession, and show the rest of the world what we are doing here.

Avoid sickly colors. You will find that in most cases a deeper shade will go better, that is of course if you cannot get a true match. For theatre bunches or baskets the showiest colors you can use are the best. If your aim or order does not call for a symphony in color you need not be particular about nerves; that creation of yours must look well from the balconies too, and the brighter the color the better.

Florists' clubs should take up the matter of "theatrical flowers." The refusal of nearly all the theatrical managers to permit flowers to be handed over the footlights has done incalculable harm to our trade. Now, theatrical managers, so far as we know, are good business men, and we feel sure that if a good and proper presentation of the matter were put before them the evil would be rectified. When will retailers organize for their own interests?

Violets are rapidly improving in quality and price though the demand is only in a novelty sense. So far ribbons have been little worn with them. When violets are sent out on an order a great deal of fixing has to be done with them, many times they have to be rebunched, tinfoiled, laced, ribboned, boxed with violet tissue and wax papers, and often the box tied with ribbon. If you're making a bid for lightened or theatrical folks (they both have much the same tastes and objects in view) you must do a lot of "fixing," but, after all, good flowers need but little dressing, and the man who can control extra grade stock can sell it without much humbug.

We all know violets are no use if they are not sweet. Most growers don't seem to know the importance of this fact. They smoke their houses, ventilate them before picking, or put the flowers in some ill-smelling thing or place. There is not a more susceptible flower grown than the violet. It isn't the growing altogether, it's the picking, bunching, shipping and care of fragrance; it's all a study in itself. Most of the prominent retailers now make contracts with the growers to have the violets fresh picked and brought in several times a day. We know many who do this; they pay 50 cents per hundred now, 75 cents in December, \$1.00 or \$1.25 during the holidays, and after that they slide down to the prices as stated. There are exceptions made for top grade, but the arrangements are better for both because the grower knows what he is to get and the retailer can be sure of fresh flowers.

Fresh violets should be in every

first class store at 8 o'clock every morning, for business men often drop in to order violets and they want to see them too. Often if they are extra fine more of them will be ordered. Plain cedar compartment boxes are one of the best things to keep them in, and it's good to show them to your customers in that box because he will imagine they have just come in. We'll return to the violet another time, but before we leave them now let us tell you that single ones are being sold now in the streets at 25 cents per bunch of 100. The fakirs have a way of sprinkling a drop of violet water under the bunch, and the

shaped frames. Sometimes a cluster of orchid or vanda is placed in a group of ferns, but orchids are the chief flower.

In the smaller stores roses and carnations and chrysanthemums form the principal stock of cut flowers. Talking of chrysanthemums, little can be said of them yet as only a few are coming in, but the fact that there are very few shows next month insures that the market will be choked with them this year worse than ever, and fine trade seems to be tired of the flower. There is no doubt the mums are very beautiful and valuable flowers, but they are grown in such enormous quantities

Try to get a few blue corn flowers in for Christmas. Don't forget to provide yourself with lots of good pansies, hollyhocks, delphiniums, phlox, paeonias, iris, and all the good showy flowers; get them planted now. Needn't have so many of each, but have something in flower all the time next spring, summer and autumn. Now is the time to prepare.

Better be getting your H. P. roses potted. Buy the ones with good fibrous roots. Roses in pots will go well the coming season. Don't flood the market, have enough, and in succession, to keep trade interested.

If you've been to any of the shows this fall you will have noticed many beautiful cactus dahlias. Well, get a stock of them; they are the best class of dahlias for the retail florist. Many of the varieties are superb and fit for any class of work; many of them don't look like dahlias (in fact, we have noticed many new types, and think they should have a prettier classification than "cactus;" "star dahlias" would be better), and we think they are destined to be the most popular dahlias in America.

Don't let your surplus carnations freeze up; protect them in cold frames or by covering; they'll be useful yet.

It's high time to consider exterior decorating. A neatly filled window box or vase of shrubs is a very pretty thing to look at in cold, wintry days; we will deal with this matter next week.

A list of the principal hotels, houses, etc., in your city is a good thing to have near your desk. Enquirers appreciate a quick answer.

It's a good thing to send your invitation cards and announcements to your good customers, no matter what part of the globe they are in. A note from home, even be it a mere florist's advertisement, is a welcome thing to the wanderer.

IVERA.



Dewey Decoration in window of John Young, New York.

paper they are wrapped in is similarly treated; that is why they smell so sweet when you pass them, and madame comes in and gives you hal-lalujah about your high priced ones.

Organize to keep the fakir where he can do you the least harm; don't shoot him, but —

Miniature caddy bags are made a special feature in a prominent Broadway florist's window. They were out two years ago, but were not taken up; properly pushed they are destined to become very popular with the golf set this winter for floral favors.

Most of the principal windows now show clusters and designs of cattleyas. These flowers never were finer nor more plentiful; every grower seems to have rushed his labiatas in all at once; it's a pity they are in so early; we expect they will be scarce when wanted. The flowers shown now in the windows are all in water, some arranged in glass holding wreaths and various

that it is impossible to use them at high prices, and they occupy too much room to handle them cheaply. Use all you can and sail through their season patiently.

The green men are selling autumn foliage in New York at 25 cents per bunch. Swamp maples are the most brilliant leaved of all our trees. Ampelopsis vines are beautiful now for decorating. Try a window of autumn foliage and yellow flowers. We are told that some of the boys, no doubt addicted to the "trust fever" (poor fellows) have been trying to corner galax leaves. Let them; that foliage is not at all necessary to the florist's trade; we would like to see the trade return to the dear old ivy green; there is history, legends, sentiment, everything attached to the ivy, and it looks artistic when arranged, but as for the galax—why it's merely a cheap leaf used to cover a multitude of sins; corner them, boys.

EUROPEAN HORTICULTURE AS VIEWED BY A CANADIAN.

By S. S. BAIN.

[Read before the Canadian Horticultural Association at Ottawa, Sept. 20, 1899.]

[CONTINUED.]

We first visited Brussels, a most beautiful city, having a very fine Botanical Garden, and the best and largest Zoo we met with. Then to Antwerp; from there to Ghent, the center of the azalea and palm growing. It being Saturday we thought that we might take a run to Ostend, the great Belgian watering place, certainly a place worth seeing, but worth getting away from. Here we were disappointed in not seeing flowers used in any quantity, even although the richest and gayest of the gay were there. I did not see a single florist's store, or flowers worn. Contrasting this fashionable place with Newport, etc., for flowers, I was very much disappointed.

Monday morning we went to Bruges. It is here that Sander & Co. have their great establishment—100 houses. I was told by the manager. These

houses are made in the most approved style, and when we describe them we give a good description of all the houses in Belgium, with little variation.

All the houses are built of hard brick, as hard as fire can make them. Walls about four feet high, equal span. All houses seen, with the exception of one lean-to, were equal span, in sections of six, eight or twelve houses. Each section is surrounded by this brick wall. There is no center or inside dividing wall, but the whole is one open space from wall to wall, forming one great house. The paths are under the gutters, and the heating pipes are overhead and under the gutters. The saving in construction can at once be seen, and an advantage in a freer, purer atmosphere is insured.

I am not quite sure that houses of this construction would suit our climate, with our heavy snowfalls, and yet when on further inquiry I find that many houses in Canada are built on the ridge and furrow plan, I am satisfied that the introduction of this style of house will be carried out in the near future by some one in Canada.

Very little wood is used in building. The gutters are kept up by strong arches of iron, which form the path and at the same time act as supports for the heating pipes. Four-inch pipes are used entirely for heating. There is a new greenhouse pipe on trial there which looked rather strange to me. That is, a 4-inch pipe with a 6-inch heating surface. This is done by means of a 2-inch raised surface somewhat in the form of a screw nail. Some think well of it, others said that it was not worth the cost. The heating, as I have already said, is entirely done by hot water, the flows, as has already been shown, carried overhead to the further end of the houses and then dropped to under, or alongside the benches, where the returns are carried back to the boilers.

I may say that in all the countries visited, France, Belgium, Holland, England and Scotland, the same style of commercial greenhouse is met with, with this difference, that the newer are joined together, the older buildings stand apart. Indeed, so slight is the difference that it is not worth mentioning. The greatest difference being in the side lights and the internal arrangements.

I think we have here something to learn. We are too easily carried away by every whim and fancy of men who are not themselves growers, men whose business it is to work out new ideas, and no sooner than we build three-quarter span than we are informed that long span to the north is an immense improvement, and the results expected wonderful. Then like a weathercock, a change: long-span-to-the-south; we may expect at any moment a move to the north or east. How much precious time and money are spent in this way without sufficient return for the capital invested? Remem-

ber, I do not cry down improvements, more light, a purer atmosphere, better means of growing, but I do say that a fixed style, so near perfection, should be settled upon. That men who make a living by growing plants and flowers would stop being blown about by every wind and doctrine of restless brains. In proof of superiority of such houses as I have given you, many of the best growers in the United States are adopting them, namely Ward and Dreer. The new houses built a short time ago by Mr. Dreer, and which occupied the attention of the trade papers, are the same.

In Belgium I was very much struck by the care and attention given to the inside fittings. When a house is built over there it is built to stand a lifetime. Wood is the only thing used in building here, and even then the necessary precautions are not taken to have it last as long as it might, hence we are forever building houses, or benches, paths, etc. Over there scarcely a piece of wood is to be seen in the newer houses. The outside walls, brick and cement; the gutter plates cement and wire, or iron with a heavy coating of tar. The benches are built of iron and flat tile and cement.

One of the notable features, to me at least, was the size of the benches which were made of cement and wire. Nothing could break them, no rapping or rotting out; a vast improvement on anything I have seen elsewhere. Can you imagine the saving of time and money in this way? I think we have a lesson to learn here, to build more permanent buildings, less fancy in some cases, but certainly more enduring. I saw in Ghent a range of houses, put up by Mr. Kuyk, that had not a single piece of wood in their construction. Brick, cement, iron, glass. In Bruges Mr. Sander was building a large range with very little or no wood, and nothing more could be desired for commercial purpose than those houses just mentioned. Sufficiently low, roomy, light, durable and easily worked.

As you know, Belgium supplies the world with palms and azaleas, and when you go over the ground you would wonder how the world uses them, the quantity is so great. The azaleas are all planted out in beds four or five plants across and as long as the place, with here and there a path cutting across the beds. The soil used is of a sandy nature and is mixed with peat and leaf-mold. In and around Ghent for miles there is nothing but nurseries and almost every one of them grows azaleas, and when I saw them the plants in general were very fair, some of them, of course, better than others. I am sorry that I did not get some views of these nurseries to give you a proper conception of the number of plants grown.

The Belgian style of watering was a noble sight to me. At regular distances are set cement tanks sunk down in the ground to within a foot or so from the top rim, all at a level. The

water is supplied to these tanks by a pipe running from one to the other, which is pumped by an engine or by horse power, or by wind, and all the tanks are kept almost full of water. The Belgians are expert waterers. Almost all of these men take a large watering can in each hand. Before starting to water they put off their shoes, or clogs, turn up their pants to below the knee. They then fill the cans, one in each hand, and take one-half of the bed across. These cans have large roses on. The moment the water strikes the rose the cans are swung from side to side, that is, from right to left. The water falls over and under the foliage in this way and at the same time waters the roots thoroughly. I wondered how red spider is kept off the plants. It is the way the watering is done. This is done every day in summer. This is the reason the plants received in fall have such beautiful, clean, dark foliage; and the reason why the plants kept over by the growers in this country lose their vigor is because they do not attend to the wants of the plants in this way.

When shipping time comes the plants are pulled up, wrapped with shavings or moss and sent to their destination. The plants are not grown in pots, as some would imagine. In some of the largest azalea nurseries which I visited you could not see a single flower pot except 3-inch pots. These are used to grow the young stock.

The palms are all grown in the houses of which we have already spoken. The number I do not know. I do not know if they know themselves. Palms of every size and variety, from the graceful, slender cocos to plants many feet high. Kentias, however, take the lead in London.

Another plant of which they grow large quantities is the *Laurus Nobilis*, the Bay Tree. In the nursery of Louis de Smet there were enough plants to make an avenue a mile long, very fine specimens, in pyramids and standards. The plants of this kind are all grown in hardwood tubs. In shipping them they are merely covered over with bagging and shipped singly.

Some growers cultivate a great variety of plants, such as the finest places in other countries do. Some grow large quantities of tuberous rooted begonias. Their grounds make a very gay appearance when the plants are in bloom. In some places they grow great numbers of gloxinias. They are all planted out in benches, in some such way as we plant carnations or roses. Some grow for seed, some for the cultivation of the bulbs.

Arancarias are grown by almost every grower. They are grown outside, under slats. The sun is not allowed to strike on the plant with its full power. This I think is a very useful hint to some of you who grow this plant, for if they need shading over there they need it much more here. The structures I speak of are about eight to ten feet high and as broad and

long as they require them. The slats are put on about three inches apart and painted green. I hope to erect one next year. In our climate it is necessary that the slats should be made in sections and taken down every fall to prevent them from being broken by the snow. In this inclosure the plants are placed in beds with walks to allow the men to attend to their wants. The young plants are all grown from cuttings placed under glasses. The reason why they are so expensive is because of the room the stock plants occupy and the time they take to grow.

The Belgians are a contented people. They are contented with their lot and work from morning until night with a faithfulness which to me was refreshing. Talk about growing palms and bulbs in the United States. They may grow them, but not to pay. The men are not there to do the work, or to take a deep enough interest in the business. Just you imagine a first-class foreman in an American nursery getting seventy-five cents a day, and the men fifty and sixty cents a day. This is the case over in Belgium, and they are as contented and as happy as the day is long. In conversing with one of the largest growers in Ghent I said: "Why can I not hire some good man here and take him over to Canada to work with me?" He told me I could not do it, for no first-class man would leave his employer. "Even his neighbor could not hire any of his men from him, or from any other man. They start as boys and work all through life in the same place. It is only the worthless men that leave and go away."

One of the greatest difficulties on this continent is the want of intelligent help. Most men with us are restless and without interest in their work, not understanding that in order to receive the highest possible wages they must work for it intelligently. Every man is worth so much in the dollar, and the one who works for it eventually gets it, over there, over here, or elsewhere. We want better help. We must have it, and in order to get it we must begin where they began on the other side, with the boys of our own land, and train them to take positions open for them, with honor to themselves and with satisfaction to their employers.

We leave Belgium and take our way for a short time to Holland, the land of the Dutch bulbman that is so often abused and misunderstood when he comes to sell his bulbs. We were too late to see the hyacinths and tulips in the ground, but had an opportunity of seeing them in the drying rooms. As Belgium is the home of the azalea and palm, Holland is the home of the hyacinth, tulip, etc. In certain parts it seemed to me the entire inhabitants make their living growing bulbs, or working on bulb farms. I noticed in Holland as well as in Belgium that the principal business is done by a certain number of the farms. Those houses which send out bulbs in large quanti-

ties do not grow all their bulbs. They of course grow a large quantity, but nothing like what they sell. For their supply they have to depend upon the small growers, buying up their stock at ridiculously low prices. Of course this is but right, in order to give them a chance to make any profit when they sell them to the hard-hearted dealers on this side or in Britain. I may say that I came away with a better impression of the Holland bulb man and a kindlier feeling towards him.

Haarlem is the central point of the bulb growing district and between this city and Leyden are the greatest number of bulb growers. It is very simple to get along in Holland, so many of them understand and speak English.

We visited a great many places between Haarlem and Leyden. The whole distance is village after village, bulb farm after bulb farm, so that it would take considerable time to visit them all. All that I visited were very nice people, and are willing and ready to show you all you want to see, and tell you all you want to know.

The soil along this belt is very peculiar, yet suitable for bulb growing. It seemed to be a mixture of leaf-mold, sand and loam, the sand and leaf-mold predominating. This is dug to the depth of three feet every three years and thoroughly manured. The hyacinths, tulip and such bulbs are planted the second year, and the third year some other plant or bulb. The puzzle to me was how they could dig down three feet without getting into water. All the fields in Holland are drowned with water. In fact this is their dividing fence, for the only fences seen in most of the bulb farms are hawthorne hedges and water canals. Many of the growers carry all their bulbs from the farms to the drying houses in boats and all the bulbs are carried to the seaport in this way.

When visiting Messrs. Speelman & Sons' place they were preparing hyacinths for planting to produce young bulbs. There are two ways of doing this work. One is the hollowing out of the bulb, and the other is by cutting across on the bottom of the bulb, the young bulblets growing all along the edge of the part cut in this fashion; after being cut the injured part is dusted with something which looked like land plaster or air-slacked lime. I asked what it was, and was told, but not having taken a note of it, I have forgotten it. This was for the purpose of drying the wound made by the knife, otherwise decay might set in and destroy the bulbs.

The storehouses are worth taking note of, for I believe many of the bulbs received from Holland are injured through being left too long in the boxes in which they come. All bulbs, as soon as they are received, should be opened out and spread upon shelves in the same way as they are in Holland. This would be of immense benefit to the bulbs and a great advantage to the grower, for then they would not require to be potted or boxed all at

once as it is the custom with some. The drying rooms are regular warehouses, having shelves made from the floor to the ceiling. These shelves are made of narrow slats or boards, leaving space enough between them to admit of free circulation of air passing through the bulbs. Each shelf is about one foot apart and as wide as can be easily reached to center from each side leaving only enough room to pass between each section of shelves. As this is not a costly thing to build, I would advise all who can find the room to build one.

A few of the growers have special lines of bulbs to which they pay attention. Not by any means do all the men who come across here to sell grow all they offer, but they are so united that one supplies the other in making up their orders.

The finest plant nurseries are, however, situated in Boskoop. They are the finest in the world, not surpassed by any, unless it be in Japan. In these nurseries almost everything in their line is grown and grown in a way that is a credit and an honor to the men engaged in it.

We will leave Holland and come back to England, after which we will go to the land which gave me birth, "Bonnie Scotland." We visited the principal places in and about Edinburgh, but nothing of any importance was seen, save a quantity of white heather, which is grown in large quantities for the shooting season. Some of the private places, however, were in magnificent keeping. Nothing could surpass the culture of plants both inside and out. Nowhere could be met, apparently, more intelligent forethought and carefulness than in some of the large places visited.

I come once again to the conclusion that what is wanted is men who will use their best thought and energy and patience to work up and keep up the dignity and honor of the profession, men who are willing to take hold of the lower rounds of the ladder, and with patience and perseverance climb step after step until they become masters of the situation, men who will have a higher, nobler ambition than mere money grubbing, however necessary money may be; but while working that money may eventually come, yet working up his life to be in keeping with the noble profession which he follows. Then he will be looked up to with respect and honor, then men may call us the nobles of the earth because we, by our intelligence and forethought, have made the earth more beautiful, more glad some, and then shall a share of that joy enter into our own lives as we get nearer the ideal of perfection in beauty and usefulness.

HEAT AND COLD.

We have solved the problem of how to keep our houses warm in winter, but how to keep them cool enough in summer is to the best of our knowledge yet unsolved. We hear it rumored that a certain grower of high

grade roses is preparing to attempt the solution of this problem next summer. He expects to install a moderate sized refrigerating plant and will have a few coils of pipe in an experimental house through which will be circulated the usual freezing liquid when conditions demand it.

He does not expect to cool the house down to winter temperature, but does expect to take the raw edge off of the great heat under glass in summer, and hopes by this means to considerably improve the quality of his summer roses. The result of these experiments will be looked for with much interest.

NEW YORK.

Various Items.

Mum's Dry cannot be obtained from mums of any color so far this year.

Charlie Millang's chrysanthemum-tailed nag thinks all roads lead through Twenty-eighth street. Charlie isn't afraid to wear a sunset suit and ride the rig and—well, all the others aren't afraid to look.

By the badge of the S. A. F. wilt thou recognize Ed. Horan's pretty store in Twenty-eighth street. Both the sign and store are O. K. So is the owner.

Since Frank Traendly was elected captain of the bowling club he has grown decidedly good looking and weighs enough to keep his team up to the mark.

Cattleyas this year were sold as low as five dollars per hundred; at least so we were told; we know some buyers who were ashamed to say what they paid for them.

We were surprised to see boxes of flowers marked "Chicago" in our wholesale district last week. It revived memories of the "golden days." What's the matter beneath those acres of glass out there? Call again and often.

The New York Gardeners' Society will have their annual "Pow-wow" at 61 Madison avenue, 8 p. m., Saturday, Oct. 14th. A right good time is in store for those who attend.

Plants went "dirt cheap" at the auctions last week; 2-ft. kentias, 50 cts.; 6-leaved latanias, 50 cts.; fine 5-inch cuneatum, 10 cts., and so on, and worse.

The Marsh sale of orchids at the American Art galleries last week was the greatest blow the value of orchids ever received here. Even though the stock was in poor condition, they were orchids. It was a lucky thing that the most prominent orchid fanciers were attending the yacht race. Most of the plants were offered in blocks of five, and many were sold for 50 cts. The highest price of the sale, \$25.00, was paid for a Cattleya Trianae alba, 22 bulbs, well leaved; of course we know nothing of the guarantee; there was no flower on the plant. We expected to see some of the cyripedium kings present just to keep the stock up; they don't know what they missed. Here's a sample

sale: Four plants of Cyripedium insigne, representing 43 growths, \$1.00 for the lot. There were many more such bargains, too. Perhaps with flowers selling so low growers were too disgusted to attend or bid.

It is estimated that the Dewey celebration brought nearly \$4,000,000 to this city. Some of this ought to be spent for flowers.

Club Meeting.

The Florists' Club met on Monday night last. The consideration of matters connected with the S. A. F. convention here next year brought together one of the best meetings the club has had for a long time. Vice-President Troy presided and the discussions were started in good shape. Committees made reports, and important points were settled satisfactorily. After a lengthy debate it was moved by Mr. O'Mara, seconded by Mr. Ward, that a general horticultural show be held in this city at the convention in August. Another motion on ways and means, balls, etc., was passed, referring the whole matter to the board of trustees, who will confer with the executive committee of the S. A. F. or their representatives at a meeting of such to be held in the club's rooms Oct. 23.

According to the special committee's report it is most likely that the Grand Central Palace will be selected for both assemblage and exhibits.

Nothing special was done at this meeting because the club seems to desire that the new officers for next year should have a voice in matters.

Robert Craig & Son, Philadelphia, exhibited a very fine new pink carnation called "Ethel Crocker." The color is darker than Scott, the flowers very large. If it is a good bloomer its future is assured. The committee of awards highly recommended it and asked for another exhibit. The same firm also showed two vases of superb outdoor grown tea roses. One was "Maman Cochet," pink, after the style of Mermet, introduced by Cochet in '93, and awarded silver medal at Chelmsford in '95. The other was Mme. Pierre Cochet, introduced in '91, is a very fine rose, white and yellow with coppery shadings. Both are excellent roses for outdoor cultivation, and the committee of awards recommend them for such use, though the roses shown beat most of the stock we see in the markets now.

Several new applicants were nominated for membership. Messrs. May, O'Mara, Burns, Siebrecht, Weathered were appointed a committee to wait on John H. Starin, that gentleman having been reported to have offered a boat and Glen Island for the use of the club and its guests for a day's outing during the convention. Robert Kift and Robert Craig, both of Phila., being present at the meeting were asked to speak, which they did as only Philadelphians can. Robert Craig is always at his best when he is in a gathering of the craft, and when, as he did tonight, go back to

the days of thirty years ago, with struggles and pleasures connected with that era, one is coaxed to forget the matter of fact present.

Alderman Morris wants a golf match next August; perhaps a regular athletic carnival would be best.

The girls ought to be better provided for; guides to the shopping district will be wanted.

Bowling Match.

Monday afternoon, Oct. 9, saw one of the best and most enthusiastic crowds that was ever on a New York alley. Nearly forty of the boys were there to see the struggle between Flatbush and New York, and though the games were played on alleys that were strange alike to both teams, the New Yorkers were victorious in each game. Following are the scores:

NEW YORK			
P. O'Mara	146	174	125
F. Traendly	137	122	141
A. Burns	128	133	157
T. Boehm	117	132	215
T. Lang	120	160	147
A. Small	132	138	
	648	853	904
FLATBUSH			
P. Riley	126	136	127
L. Schmutz	120	101	141
J. Raymond	94	136	173
D. Melis	146	160	141
E. Dilledouze	101	96	167
V. Zeller	112	138	
	587	741	887

You will notice both teams were working up to form in the last game, but that's the wrong time to start. The second series of games will be played on the Flatbush alleys Thursday, Oct. 19, when the boys over there will have a chance to hit back.

Of course there were other teams played on the alleys last night, just to pass the time away.

SHAMROCKS			
J. Withers	102	95	132
J. Bonian	128	87	119
W. Marshall	115	123	149
Wuckert	91	108	82
A. Schutheiss	91	96	95
C. Woerner	101	96	108
J. Lang	96	112	
J. Troy	130	118	
	527	745	866
COLUMBIAS			
C. Schenck	123	119	156
H. Dilledouze	99	116	115
W. Siebrecht	122	122	107
A. Shaw	86	101	129
J. Donaldson	121	131	145
W. Burns	55	68	
S. Batterfield	109	118	
J. Logan	70		
	591	756	908

Fine scores, but all promise to do better next time. Several new members were enrolled in the bowling club and everything looks lovely.

THE ROUNDERS.

ST. LOUIS.

The Market.

Trade this week has been good and continually shows signs of improvement; the weather is fine and cool. Stock is not so scarce as it was last week. The demand is good for all kinds of roses and carnations, especially for long Beauties, Meteors and Brides also were among the good sell-

ers. The "Veiled Prophets' Ball" sent the prices up on all fancy stock, but the demand was not so good as in former years. Beauties sold at \$3.00 per dozen, from that down to \$1.50; Meteors, \$3.00 to \$5.00; Brides and Maids, \$3.00 to \$5.00; Perles and Woottons, \$2.00 to \$4.00. Carnations are better and will be fine from now on, but are still scarce and not enough to go around. Scotts, Daybreak and any kind of white sell from \$1.00 to \$2.00. Violets are coming better, although a little small, and sell well. Some fine valley can now be had at \$4.00 and \$5.00. Asparagus, maidenhair and smilax also sell well. No chrysanthemums in this market yet, and seem to be late, same as last year.

The Thirty-ninth St. Louis Fair.

The thirty-ninth annual fair of the St. Louis Agricultural and Mechanical Association was held during the past week. They offered \$351 in premiums for plants and cut flowers. William Schray captured nearly all the firsts on plants. The prizes were as follows: Largest and most tastefully arranged collection of greenhouse plants, Wm. Schray, 1st; C. Young & Sons Co., 2nd. Best pair of hanging baskets, Wm. Schray, 1st; C. Young & Sons Co., 2nd. Best collection Rex begonia, C. Young & Sons Co., 1st; Wm. Schray, 2nd. Best collection named geranium, Wm. Schray, 1st; C. Young & Sons Co., 2nd. Best collection carnations in bloom, Wm. Schray, 1st. Best collection of palms, Wm. Schray, 1st; C. Young & Sons Co., 2nd. Best collection of ferns, Wm. Schray, 1st; C. Young & Sons Co., 2nd. Best collection of colored foliage plants, Wm. Schray, 1st; C. Young & Sons Co., 2nd. Best twelve roses in bloom, Wm. Schray, 1st; C. Young & Sons Co., 2nd. Best collection of house blooming plants, C. Young & Sons Co., 1st; Wm. Schray, 2nd. Floral designs, two pieces, one funeral and one festival emblem, C. Young & Sons Co., 1st; Ellison & Tesson, 2nd. Best basket of cut flowers, Ellison & Tesson, 1st; C. Young & Sons Co., 2nd. Best and most artistically arranged display of cut roses, Ellison & Tesson, 1st; C. Young & Sons Co., 2nd; Wm. Shray, 3rd. Best table decoration, plants may be used in connection with cut flowers, Ellison & Tesson, 1st; C. Young & Sons Co., 2nd. Largest, best and most artistically arranged collection of cut flowers of any kind, except roses, all to be properly labeled, Wm. Schray, 1st; C. Young & Sons Co., 2nd. Best pair of parlor bouquets, C. Young & Sons Co., 1st. Best collection of carnations, Ellison & Tesson, 1st. Best ladies' bouquet, C. Young & Sons Co., 1st; Ellison & Tesson, 2nd.

Max Herzog acted as judge during the week.

Various Notes.

The decorations at the Veiled Prophets' ball were large and elaborate. The large fountain in the hall was banked up with palms and cut flowers of all kinds. The effect was

fine and was admired by all. The work was done by the Reissen Floral Co., under the direction of Mr. Edward Buechel. The ladies attending the ball carried mostly Beauties and Meteors.

Miss M. S. Newman, who has been with Luther Armstrong for many years, has bought the store from Mr. Armstrong, at No. 3720 Olive street. Miss Newman has just returned from the east and brought many new novelties with her. Mr. Armstrong will continue to run his greenhouses at Kirkwood, having no interest in the store. Miss Newman has made many friends and will no doubt make a success of her new venture.

Visitors in town last week were Mr. B. Eschner, of M. Rice & Co., Phila. This is Mr. Eschner's first visit to St. Louis, and he made many friends during his short stay. He left town with his order book well filled. J. W. Canaga, of Shelbyville, Ill., and L. E. Archias, of the Archias Seed Co., Carthage, Mo., were also with us during fair week.

F. C. Weber again heads the list with the biggest number of special prizes for the chrysanthemum show, amounting to \$265, to date. If all florists would only do the same there would be no fear of the show not being a success. Come, brothers, wake up.

The stock at Frank Fillmore's is looking in tip top shape, his roses especially being in good condition. Frank grows only the big four, Brides, Woottons, Perles and Bridesmaids. Carnations, too, are looking at their best. Frank's chances of lots of prizes at the show look good. Mr. Fillmore celebrated his 50th birthday last week, and his better half presented him with a beautiful gold watch and chain, which he takes great delight in showing to his friends. J. J. B.

BOSTON.

Flowers, especially carnations, were never more scarce in the annals of Boston than during the latter part of last week when buyers literally fell over each other in their efforts to secure what few were coming in. Saturday the strain began to lessen, and this Monday morning the craft of trade swings very easy at her moorings, carnations having arrived in fairly plentiful supply. Prices of course have advanced a notch and salesmen will use best endeavors to hold them where they are.

Good chrysanthemums are seen in three colors, prices \$1.50 and \$2.00 per dozen. Roses in good supply at from \$2.00 to \$12.50 a hundred; carnations from \$2.00 to \$3.00 in ordinary kinds, with fancies not much in evidence at any figure; violets are softly whispering 75 cents and \$1.00 per hundred, and not much further variety shown.

"The last 'aster' of summer is blooming alone"—at about 3 cents per accomplished function; 4 last week and more customers than blossoms.

Red roses have not yet materialized in an emphatic manner.

We expect a great winter and have got our feet braced for it. In spite of a phenomenal rise in the prices of all kinds of building material, much building has been done and several are as yet unfinished. Two or three heavy frosts very recently have made these put up a sharper movement necessarily.

Florists in the immediate vicinity of the old Providence station, the use of which has just been discontinued, complain bitterly of the effect upon their business. This, however, will not be so marked after their regular Back Bay trade gets home. Farther down the street Houghton & Clark refuse to submit, have crossed to the better side of the street, got into greatly enlarged and much improved quarters, and demand attention. Their facilities will now allow them to handle one of the largest floral trades of the city and there is every reason to suppose they will work it up. They are particularly well situated to carry a large stock of plants and have a fine line now on hand.

On a recent visit to Wellesley Hills I noted the good form of F. J. Lake & Son's carnation plants, especially their new unnamed white; the large proportions of their new house, and the great changes and additions at the mammoth rose houses of W. J. Dana. His establishment now foots up about 40,000 feet of glass and looks as if it were planning to produce roses by the cartload the coming winter.

Mr. Miller, of the firm of Hilliard & Carlson, Exeter, N. H., heaviest growers of Beauties and Meteors in this section, was down a few days since. He arranged with J. S. Manter to handle their coming crop. Their last year's efforts were very successful.

Have not asked for news this week but have been told that James Galvin is back at his old stand in Ordway Place manipulating for retail trade, also that Dan Gormley, another well known veteran, is with him.

"BEAN'S TALK."

CHICAGO.

The Market.

There are more roses than last week, especially of the lower grades, but really good stock is still short in supply. The scarcity of carnations continues. There is no material change in prices, except that those for the lower grades of roses are not quite so sharply held.

The Fall Festival, while it brought some of the retailers a few decorations, did not appreciably increase the local demand for flowers, and was more of a detriment than a benefit, as it practically tied up all business. Some of the wholesalers were at times unable to fill out-of-town orders, as the parades cut them off from communication with the express offices for many hours at a time.

Last Tuesday Kennicott Bros. Co.

received a shipment of 3,000 double violets that were the finest ever seen here at this season of the year. They sold quickly at good figures.

McKellar & Winterson are receiving some large consignments of fine orchids and they meet with good sale.

Smilax is selling better than usual at the season and there seems an exceptionally good call for all greens.

The Floral Float.

The floral float prepared by the Florists' Club for the Industrial parade last Tuesday evening was a decided success artistically, and in the face of very serious drawbacks. The weather seemed determined to destroy any chance to display the float after it was completed. Rain and wind combined to make things unpleasant, but the rain finally ceased, the parade was carried out and success followed.

The photograph reproduced in this issue does not do the float justice. It was a remarkably beautiful creation and was a credit to the profession. It was worth all it cost the club. All honor to the men who so earnestly devoted their time, effort and money to make it what it ought to be.

Club Meeting.

At the last meeting of the Florists' Club Albert Budlong and Charles Dickinson were elected to membership. The float committee reported progress. It was decided to offer a special prize at the chrysanthemum show as usual.

At the next meeting the work of formulating a program for the winter will be taken up.

Various Items.

Visitors: W. B. Reynolds, Rockford, Ill.; Victor Wayman, Madison, Wis.; Charles Chadwick, Grand Rapids, Mich.

Mrs. P. J. Hanswirth, who has been very seriously ill since her return from the east, is now much improved but the doctors report that it will be a long time before she entirely recovers her former strength. For the last week or so she has been at a North Side hospital, where every possible advantage could be secured.

Bowling.

After the last club meeting a few games were rolled, with the following result, omitting those making less than 100:

	1	2	3	4	5	AV.
G. L. Grant	142	152	200	...	...	167
P. N. Hansen	167	...	...	...	...	167
Ed. Winterson	107	144	148	156	164	157
C. Balluff	118	155	167	155	169	152
Geo. Woodward	145	...	...	...	...	145
A. Henderson	127	151	156	...	...	141
Jno. De-gnan	113	129	169	136	159	139
Geo. Baldwin	129	...	...	...	...	129
W. Kreftling	153	141	90	106	131	137
Jas. Novak	109	...	...	...	...	103

DEUTZIA.

[From the Florists' Manual, by William Scott.]

Several of the species are among our earliest and best known flowering shrubs, and gracilis, the smaller grow-

Simplicity in Greenhouse Construction.

During our long experience we have not only made many improvements in greenhouses, but we have so simplified the construction that building a greenhouse is no longer a matter so full of complications as to tax the patience and the ingenuity of even the most intelligent mechanic. Our

Clear Cypress Building Material

is worked out in the best manner ready to be put up, and we furnish our customers such complete detail drawings that any workman of only ordinary capabilities can put it up correctly.

Write for Circulars or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

ing pure white species, is largely forced as an Easter plant. It is sold in pots or used for decorations, or the cut sprays are used. There is a new form of gracilis called Lemoinei, quite double, a beautiful flower and more lasting than the single. The double form is not yet quite so common and consequently is more expensive, but it will soon be grown as plentifully as gracilis. Plants for forcing of any size can be imported so cheaply and so well and compactly grown that it is useless to attempt to grow plants for forcing; they would cost you far more.

Those wanting to grow them to raise in the nursery for flowering shrubs can root them most easily from the young tender shoots taken from forced plants in February or March and put into the ordinary propagating bed or from outside cuttings in June put into sand in a hot-bed.

When you receive the deutzias in the month of November don't expose them to zero weather. They are a hardy plant, but after their sea voyage are poorly prepared for a hard freeze. The stems are studded to their tips with their flowering buds, so they want no pruning or you will get no flowers. Keep them protected by a cold-frame and their roots covered till you pot them up for forcing. They should have about seven weeks under glass in a night temperature of 50 degrees, then they will be nicely out and not unduly forced.

For forcing we prefer to buy every year, but unsold plants if planted out make good bushes for selling with other hardy shrubs.

TIME AND MONEY.

You can save time by consulting the Review's classified ads, when in want of stock.

You can save money by using the Review's classified ads, when you have stock to offer.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Steady man to look after three rose houses. One who can grow A1 stock of Brides, Bridesmaids and Meteors. Steady place for right man. Good wages. F. Holznagle, Highland Park, Mich. (near Detroit.)

WANTED—Young Florist. Got to have interest for the business and be a hustler. Wages according to ability. Bluff City Greenhouses, Elgin, Ill.

FOR SALE—Flower Store on south side, good location. Cheap for cash, low rent. D. J. Deane. 3978 Drexel Boul., Chicago.

WANTED—Good live partner in well established wholesale and retail nursery, near St. Louis, to superintend grounds or take charge of agents. Death cause of selling one-fourth or half interest, \$3,000 cash, balance to be agreed upon. Address 20, care Florists' Review.

SITUATION WANTED—As assistant on private place by young man, four and a half years experience. Address Assistant, 60 North Broadway, Yonkers, N. Y.

FOR RENT—Six houses, steam heat, fully stocked. \$25.00 per month. A. J. Harms, Agt., Berceau and Western Aves., Chicago.

WANTED—On large place, man who understands propagating and bedding out. \$25.00 per month and board, with chance to raise. Address B, care of Florists' Review.

WANTED—Man competent to take full charge of 17,000 feet of glass devoted to cut flowers. Permanent position. Salary, \$50.00 a month. Address, with references, Michigan, care of Florists' Review.

FOR SALE—A bargain, if taken at once. \$150.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

FOR SALE—Old established florist business, 638 Washington Street, Hoboken, N. J.

WANTED.

At once, 200 Paeony Clumps, from field. Pottsi, or some other good white Paeony. Address Williams & Sons Co., Batavia, Ill.

HITCHINGS BOILER

Corrugated Fire Box, No. 17, in good condition. Price, \$100 f. o. b. here.

W. T. BELL & SONS, Franklin, Pa.

Mention The Review when you write.



ANYTHING
FOR THE
FIRST CLASS
FLORIST



CATALOGUE
FOR THE
ASKING
TO THE TRADE ONLY

NOTICE We wish to extend our thanks to our many Friends and Patrons for their cordial support in placing their fall orders with us. We now have the most complete line of Florists' Supplies in the country, and are prepared to fill any and all orders entrusted to our care.

A FEW OF OUR SPECIALITIES.

Plant Stands, Pedestals,
Immortelles, (New Crop)
Metal Designs,
Prepared Cycas Leaves,
Doves, Dull and Glazed.

Wheat Sheaves,
Unexcelled, Largest Manufacturers.
Pot Covers,
New Cape Flowers,
Grasses,

Fresh Stock Moss
Wreaths and Crosses,
Baskets.
Fancy Cord . . .

**M. RICE & CO., Exclusive Importers and Manufacturers,
918 Filbert Street, Philadelphia, Pa.**

At our
reduced prices
you can grow
better and
cheaper plants in

Jadoo

than in any
known compost.

Send for our new price lists.

THE AMERICAN JADOO CO.
817 Fairmount Ave.,
PHILADELPHIA, PA.

FOR PLANTS:
Use $\frac{1}{3}$ Jadoo Fibre, $\frac{2}{3}$ soil.
FOR BULBS:
Use $\frac{1}{2}$ Jadoo Fibre, $\frac{1}{2}$ soil.

Mention The Review when you write.

"TIME is money." You can save it by consulting The Review's classified advs. when in need of stock.

5,000 Begonia Rex and 5,000 Primroses, EXTRA FINE.

POT PLANTS.

Farquhar Violets, 2 $\frac{1}{2}$ -inch	\$3.00 per 100	Primrose, Chinese, 2 $\frac{1}{4}$ -in., Extra Fine strain	\$3.00 per 100
Double White Stock, 2-inch	3.00 "	Baby Primrose	6.00 "
Forget-Me-Not (Winter Flowering), 2 $\frac{1}{2}$ -inch	4.00 "	Manettia bicolor, 3-in.	6.00 "
Begonia Rex, assorted, 2 $\frac{1}{4}$ -inch	4.00 "	GERANIUMS —2 $\frac{1}{4}$ -in. Sweet Scented..	
" named	6.00 "	Mrs. Pollock, Pansy..	4.00 "
Lemon Verbena	\$3.00, \$4.00 and	Mrs. Parker	6.00 "
Impatiens Sultana, 2 $\frac{1}{4}$ -inch	3.00 "	Happy Thought, 2 $\frac{1}{2}$ -in.	4.00 "
		Silver Leaf, 2 $\frac{1}{2}$ -in.	4.00 "

ROOTED CUTTINGS.

GERANIUMS —Assorted	\$1.50 per 100	GERANIUMS —Mme. Salleroni	\$1.25 per 100
Mixed	1.25 "	Freak of Nature	4.00 "
Mrs. Pollock	3.00 "	Begonia Rex	2.00 "
Mrs. Parker	4.00 "	" Incarnata Gigantea	2.00 "
Silver Leaf, Rose Scented, Ivy	1.50 "	" Flowering	2.00 "
		Impatiens Sultana	2.00 "
		Manettia bicolor	2.00 "
		Forget-Me-Not (Winter Flowering)	2.00 "

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Mention The Review when you write.

\$-1899- SAVE MONEY AND SPEAK QUICKLY -1899-\$

This offer only holds good as long as stock is unsold.

NARCISSUS, Paper White Grandiflora, extra fine	\$ 6.75 per 1000
ROMAN HYACINTHS, fine stock	14.00 "
LILIUM HARRISII, 5-7, all repacked	40.00 "

Terms net cash with order.

F. W. O. SCHMITZ, Importer, - - JERSEY CITY, N. J.

Mention The Review when you write.

Send in your order now for a copy of

The Florists' Manual.

BALTIMORE.

Baltimore florists have so often distinguished themselves that few will be surprised to know that one of their number is mayor of one of the oldest cities in the country, and another is nominated for the state senate.

More than this, one of our lady florists recently determined to seek no further, but, baiting her hook, probably with a rosebud, cast her line on the shores of the Chesapeake, and landed a handsome Salmon. Her many friends extend congratulations.

ACHILLEA.

PREVENTION.

Prevention is the order of the day. Instead of attempting to cure diseases we look for preventives. For years certain growers (of mignonette, especially,) have placed fly screens over their ventilator openings to prevent the entrance of moths that lay eggs from which injurious larvae are hatched.

Would it not be a good idea to have a permanent wire screen over all ventilator openings, at least all summer, and a wire screen door for each house, thus preventing the entrance of any moths or butterflies of any kind, or grasshoppers, etc.?

DIXON, ILL.—It was 13 degrees below the freezing point here Sept. 29 and the flower beds around town show the effects of the frost. The florists had their stock all housed.

Herr's Pansies.

THE BEST IS WHAT YOU WANT, common Pansies are dear at any price. The "best florists" in the country are my customers, they will tell you there are no other Pansies quite as good as mine. Try them and you will say the same when they come into bloom.

PLANTS NOW AND UNTIL MARCH:

Free by mail at 75c per 100; 250 for \$1.50; 500 for \$2.50. By express, \$1.00 per 1,000.

ALBERT M. HERR,
Lancaster, Pa.

Mention The Review when you write.

Zirngiebel Giant Pansy.

Seed is \$1.00 for trade pkt., or \$5.00 per oz.

Also plants of the above at the same rate as common varieties, \$5.00 per 1,000, securely packed to go any distance. Large trans-planted plants, for winter bloom, at \$2.00 per 100.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

PANSIES WORTH RAISING....

SEEDS—3-16 oz., \$1.00; 1 oz., \$4.00.

PLANTS—By express, 500 for \$2.50; 1000 for \$4.00. Cash with order.

G. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.

Mention The Review when you write.

40,000 'MUMS....

Between Oct. 10 and Christmas we shall market the entire cut of one of the largest growers about Chicago, 40,000 first-class flowers, All in every respect.

...THE VARIETIES...

PINK—Glory of Pacific, Maud Dean, Mrs. E. G. Hill.

YELLOW—Yellow Queen, Major Bonnaffon, Golden Wedding.

WHITE—Fee du Champsaur, Mrs. Jerome Jones, Frank Hardy, W. H. Chadwick, Wanamaker, Mayflower, Ivory.

We are exclusively ROSE GROWERS and can supply the best qualities, including American Beauty, at all times.

We are also in a position to fill orders for the most popular varieties of CARNATIONS.

All orders shipped at market prices within two hours of receipt.

J. A. BUDLONG, 37-39 Randolph Street, Chicago.

Mention The Review when you write.

115,000 Field-Grown CARNATION PLANTS

Our plants are very large and stocky, perfectly healthy, free from dry leaves, etc.

	Per 100	1000		Per 100	1000
WM. SCOTT,	- - \$3.00	\$25	ANNA WEBB,	- - \$5.00	\$45
McGOWAN,	- - 3.00	25	200 ALASKA,	- - 4 00	
PORTIA,	- - 4.00	35	JOHN YOUNG,	- - all sold.	
ELDORADO,	- - 3.00	25	FLORA HILL,	- - "	
FISHER,	- - 4.00	35	NEW YORK,	- - "	

Our prices are very low and are for CASH only.

EDW. J. TAYLOR, Southport, Conn.

Mention The Review when you write.

4 Acres Field-Grown Carnation Plants, 100,000

..... Our Carnations are very fine. They have been grown with the greatest care, free from disease, and packed by our improved system of packing by which we can send to all parts of the United States in perfect condition.

MAYOR PINGREE	BUTTERCUP	} \$5.00	C. A. DANA	ARMAZINDY
CRIMSON SPORT	DAYBREAK		STORM KING	JUBILEE
METEOR	CAP. KING		ALBERTINI	ELDORADO
PORTIA	ALASKA		SWEET BRIER	IVORY
WM. SCOTT	MRS. FISHER		McGOWAN	L. L. LAMBORN

PANSY PLANTS. Grown from extra choice seed of our own production and not surpassed in variety, size, beauty of coloring and freedom of flower by any others grown. 50 cents per hundred. \$4.00 per thousand.

Mention The Review when you write.

J. L. DILLON, BLOOMSBURG, PA.

A SURPLUS CARNATIONS...

of Clean, Healthy Stock of No. 1 FLORA HILL FIELD-GROWN CARNATION PLANTS, at \$5.00 per 100, \$40.00 per 1000.

Victor, Empress, Bon Ton, at same price. McGowans, \$3.00 per 100, \$25.00 per 1000. Cash or satisfactory reference with all orders.

W. E. HALL, CLYDE, Ohio.

All sold except SCOTT AND IVORY. Last call for them.

CRABB & HUNTER, - Grand Rapids, Mich.
Mention The Review when you write.

PANSIES. The Jennings' strain, large flowering. PLANTS now ready. All colors, finest mixed, by mail, 60c per 100; by express, \$4.00 per 1000. SEED of above, \$1.00 per pkt., \$5.00 per oz. Cash with order. **E. B. JENNINGS,** Lock Box 254, Southport, Conn. **GROWER OF THE FINEST PANSIES.**

FIELD GROWN CARNATIONS.

BEST NEW AND STANDARD VARIETIES. Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.
Mention The Review when you write.

Carnations.

FIELD-GROWN PLANTS.

Until sold out we offer the following varieties, ALL STRONG, WELL-GROWN PLANTS:

An extra fine lot of Hector, Evelina and Joost. We must clear the field. Order quick!

Per 100	Per 100
Helen Keller.....\$5.00	Mrs. F. Joost.....\$6.00
Albertini..... 5.00	Fire Fly..... 4.00
Pingree..... 6.00	Argyle..... 5.00
McBurney..... 4.00	Cerise Queen..... 4.00
Triumph..... 6.00	Empress..... 5.00
Hector..... 6.00	Wm. Scott..... 6.00
Armazindy..... 4.00	John Young..... 6.00
Portia..... 4.00	Evelina..... 6.00
Storm King..... 5.00	New York..... 5.00
Wellesley..... 5.00	Dazzle..... 4.00

1000 rates, 20 per cent. discount.
500 plants at 1000 rates.

H. WEBER & SONS,
OAKLAND, MD.

Mention the Review when you write.

Field Grown Carnations..

September delivery and later.

We have a very large stock, including

G. H. CRANE, MACEO, GLACIER, and MRS. JAS. DEAN, in good, healthy condition.

Send for Price List.

F. DORNER & SONS CO.,
La Fayette, Ind.

Mention The Review when you write.

2000 Wm. Scott 1000 Albertini

Strong Field Carnations
\$3 00 per hundred.

ROSES, Brides and Maids, 2½ and 3-in. \$3.00 per hundred

CUT SMILAX, 8 foot strings, \$15.00 per hundred.

Cash with Order.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

Carnations for Sale.

Portia, Scott, Tidal Wave and Silver Spray, \$3.00 per 100, \$20.00 per 1000, 500 at 1000 rate. 300 2-inch Primulas at 2 cents each.

JAMES C. MURRAY,
401 Main Street, - - - PEORIA, ILL.

Mention The Review when you write.

THRIFTY FIELD CARNATIONS WITH PLENTY OF ROOTS.

Send for prices.

All the NEW and LEADING varieties.

GEO. HANCOCK & SON,
GRAND HAVEN, Mich.

Mention The Review when you write.

Begonias...

ASSORTED VARIETIES, FROM TWO-INCH POTS.

\$2.00 per hundred.

EXTRA STRONG.

Pansies, Giant Trimardeau Strain.....per 100, 50c;	per 1000, \$4.00
Bellis Perennis, Giant Red, Snowball.....	50c; " 4.00
Geranium, Double New Life, 2-inch pots.....per 100,	4.00
Heliotrope, Purple and White, 2-inch pots.....	" 2.00
Ageratum, Princess Pauline, 2-inch.....	" 2.00
Rose Geranium, 2-inch.....	" 2.00

15 extra plants for every 100 ordered. Terms: cash or C. O. D.

Grevillea Robusta, 2-inch pots, strong, per 100, \$2.50

EDWARD B. JACKSON,

SEND FOR PRICE LIST.

STAMFORD, CONN.

Mention The Review when you write.

Our GERANIUMS ARE NOW IN FULL BLOOM

Every florist is invited to call and see them. Twenty thousand feet of 16x24 glass devoted to their culture. The finest collection in America. All the desirable novelties. A full line of the tried and approved standard sorts. We have them in quantity, true to name, and have enough stock to fill orders with good plants.

We Lead the List of Growers of Fine Geraniums.

Send in your Orders early.

C. W. WARDS, Manager.

THE COTTAGE GARDENS, Queens, L. I., N. Y.

Mention The Review when you write.

GHAS. D. BALL,

PALMS and DECORATIVE PLANTS...

HARDY... PERFECT STOCK

PRICE LISTS ON APPLICATION.

HOLMESBURG, PHILA., PA.

Mention The Review when you write.

...PRIMROSES...

We have a few thousand Extra Choice Chinese Primroses, ready for 4 and 5-inch pots. Our plants are grown from seed imported by us from one of the very best growers in Europe. Our customers can depend on getting choice plants and choice varieties.

SEND QUICK BEFORE THEY ARE SOLD.

By mail, carefully packed, post-paid, 10 for \$0.65	By express, 50 for \$2.25
" " " " 25 " 1.35	" 100 " 4.00
" " " " 50 " 2.50	" 250 " 9.50

THE PAGE SEED CO.,

Growers and Importers of Seeds, Bulbs and Plants
GREENE, N. Y.

Mention The Review when you write.

E. H. HUNT
THE "OLD RELIABLE" FOR
**Wholesale
Cut Flowers**
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

KANSAS CITY, MO.

One of the local dailies prints an expose of the methods of the crape chaser (of which we have some unpleasant examples) that doesn't make very pretty reading, and is written in a way that makes it reflect somewhat on all florists. Cannot the legitimate florists take some action to meet the publication of such reports?

The Priests of Pallas ball of October 4 created quite a demand for long-stemmed stock, especially Beauties, which have been very good in this market for the past three weeks. The prevailing style calls for large hand bunches, and this order of things could be kept up if the florist will come right out and tell his customer that such style is the proper thing. If the florists of this country could have witnessed our convention ball and also our Priests of Pallas ball, they would advocate more strongly the use of large, swell hand bouquets. Imagine two thousand couples, and fifty per cent of the ladies carrying flowers of some kind, on the floor at one time! It baffles description.

Mrs. J. M. Gasser, of Cleveland, accompanied by her sister, Mrs. R. H. Crocker, are visiting Mr. and Mrs. W. L. Roek.

COLUMBUS, O.

Cut flowers are scarce owing to the killing frosts of last week. E. L. Charles reports a good business, especially in palm decorations and funeral work.

S. F. Stephens has a fine lot of chrysanthemums.

Mr. Affleck has just completed a carnation house.

Mr. Subert, on West Broad street, has leased his greenhouse to Messrs. Davie & Son.

W. B. Beattie, formerly employed at the Ohio State University, as florist, and later with Mr. Slonaker, a vegetable grower, has left for Washington, D. C.

Mr. F. K. Luke has been appointed florist at the Ohio State University. His work so far has proven very satisfactory and hope it will continue to do so. G. E.

THE Palm swindler is again at work. Look out for him.

REINBERG BROS. Wholesale Growers of **Cut Flowers**

800,000 FEET OF GLASS.
No charge for packing.

Wholesale Price List.

AMERICAN BEAUTY			
30-36-inch stem.....	per doz.	\$3.50 to	\$4.00
24	"	2.50 to	3.00
20	"	2.50	
15	"	2.00	
12	"	1.50	
8	"	1.00	
METEOR.....per 100, 4.00 to \$5.00			
BRIDESMAID..... 3.00 to 4.00			
BRIDE..... 3.00 to 4.00			
LA FRANCE..... 4.00 to 6.00			
PERLE..... 3.00 to 4.00			
CARNATIONS..... 2.00			

Quotations subject to change without notice. All other stock at lowest market prices.

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine
AMERICAN BEAUTIES.
51 Wabash Ave., CHICAGO

We close at 6:30 p. m. Sundays and Holidays at noon.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in **CUT FLOWERS**
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

W. E. LYNCH
Wholesale Florist,
19-21 E. Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL
Telephone 1496 Wholesale Florist
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St., CHICAGO.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of **Cut Flowers.**
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

H. Berning
G. BERNING
WHOLESALE FLORIST,
1322 Pine Street, ST. LOUIS, MO.
Mention The Review when you write.

ELLISON & TESSON,
WHOLESALE SHIPPING
FLORISTS
3134 Olive Street, ST. LOUIS, MO
...Home Grown Stock...
Mention the Review when you write.

Cincinnati W. A. MANN. FRANK W. BALL.
Cut Flower Co.
416 Walnut St. Wholesale Florists
CINCINNATI, O.
Consignments Solicited. Special Attention Given to Shipping Orders.
Mention The Review when you write.

What Have You To Sell?

Having prepared for the season 1899 and 1900 by remodeling our entire store, building of new cooling rooms 12x16x32 and 16x18x25, all in the latest modern, up-to-date style, we take pleasure in announcing that with the prospect of the coming season we will be short on supply.

We therefore advise you that if you have stock to sell, we can sell it.

Growers who grow stock for themselves often have more than they can use. WE CAN SELL IT. Ship it along.

We have been in the commission business more than twenty years and we can boast that our honest treatment has built up the largest business of its kind in the West.

WHEN YOU WANT TO BUY, come to us. When you want to sell, come to us, for with the large outlet we have, we can sell it. We pay shippers on demand. Weekly statements of accounts rendered.

Information given on any subject in the trade on request.

We are specially short on "Green," such as Asparagus Plumosus, Asparagus tenuissimus, Asparagus Sprengeri, Princeps Fern, Farleyense, etc., etc. Growers of these lines would do well in this market. In short, if you are a seller, SEE US. If a buyer, SEE US.

Promptness in paying has been our success.

Promptness in filling orders correctly.

Promptness in all branches makes us just what we have always claimed, the Oldest, Most Reliable firm of its kind in the United States.

Kennicott Bros. Company,

WHOLESALE COMMISSION FLORISTS

42 and 44 Randolph Street,

CHICAGO, ILL.

Flint Kennicott, Pres.
Hon. Robt. Redfield,
Vice-Pres.

E. E. Piester, Treas.
G. H. Piester, Secy.
R. R. Jampolis, Atty.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES

We have the
LARGEST WHOLESALE
House in Chicago.

Orchids, High-Grade Roses,
Carnations and Violets.

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

.....PUT IN YOUR STOCK OF.....

Palms and Ferns NOW

We have a fine and large stock in popular sizes. Send for our list.

Use Our Improved **Cut Flower Box.**

Sample box, with list of sizes and cuts, mailed free.

ELLIS & POLLWORTH,

MILWAUKEE, WIS.

Mention The Review when you write.



51 Wabash Ave., Chicago.

W. S. HEFFRON, Mgr.



FANCY

DAGGER

HARDY CUT FERNS

In 1000 lots, 75c per M. Discount on larger orders.
Also dealer in Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.

L. B. BRAGUE, - Hinsdale, Mass.

Mention The Review when you write.

GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

Mention the Review when you write.

SMITH & SMITH,

Box 869. 337 Sixth Ave. Pittsburg, Pa.

BROKERS IN

Greenhouse Real Estate,
and Pipe, Glass,
Fittings, and other
Greenhouse construction
material.

We have an exceedingly good bargain---
Suburban Greenhouses and City Store-
room. Write for particulars and price.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We
have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.

WE ARE NOW CUTTING

New Brides, Maids and Beauties.

Write

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Always Mention the...

Florists' Review

When Writing Advertisers.

PHILADELPHIA.

Trade Conditions.

The retail florists report trade the past week as being very good, both in plants and cut flowers; there has been a decided change in the cut flower market, owing to the frost that made its appearance in this locality, killing most of the outside flowering stuff. There is considerable funeral work being done; wedding decorations and tea parties also have been numerous.

The Market.

Beauties, \$1.50 to \$4 per dozen; Brides and Maids, \$2 to \$5; Kaiserins, \$2 to \$4; fancies bring \$6 to \$8; Meteors, \$3 to \$6; Perles, \$4; Gontiers, \$3; carnations, \$1.50; fancy varieties, \$2; daisies, 75 cents to \$1; adiantums, \$1; asparagus, 50 cents; smilax, 15 cents; double violets, 50 cents to \$1; valley, which has been scarce, \$3 to \$5.

Club Election.

The Florists' Club met Tuesday at Horticultural Hall and elected these officers for the ensuing year: President, William K. Harris; vice-president, John Wescott; secretary, Edwin Lonsdale; treasurer, J. W. Colflesh. An interesting paper was read by Henry F. Michell, describing his trip to the seed farms of California.

The Shoot.

The West Chester Gun Club defeated the Florists' Gun Club, of this city, by twenty-four targets in the third match of a series on the grounds of the latter club at Wissinoming, October 3, thus winning two out of three of the series. The conditions for the match were: Teams of twelve men each, 25 targets per man, thrown from a Magan trap; three men from each team making a squad; rapid fire system; A. S. A. rules. The summary:

West Chester.		Florists.	
Gill	21	Jones	21
Peters	21	Parks	21
Miller	21	Harris	18
Torpey	20	Smith	18
James	19	Burton	17
Ford	19	Bell	16
Harrison	19	Parsons	16
Green	17	Anderson	16
Henry	17	Craig	15
Peebin	16	Landis	15
Harvey	16	McKarahar	12
Brinton	13	Wescott	10
Total	219	Total	195

Among the visitors the past week we noticed Robert Patterson, Baltimore, Md.; J. C. Hatcher, Amsieedam, N. Y.; Mr. and Mrs. Pfister, gardener at the White House, Washington, D. C., and A. H. Newmann, of J. Newmann & Sons, Boston, Mass. R.

BALTIMORE, MD.—The partnership which has existed between Robert Paterson and Mary Paterson, florists, 223 West Madison street, has been dissolved. The business will be continued by Mary Johnston, nee Paterson.

YOU CAN easily find what you want in The Review's Classified ads.

100,000 Plants Ready to Ship.

	Pr 100,	Pr 1000		Pr 100,	Pr 1000
Pansy Plants, large plants, in bud.	\$.75	\$5.00	Primula, Obconica	2 1/4-in.,	\$2.00 \$18.00
Petunias, Dreer's, 15 varieties, mixed.			" Auricula	"	3.00
2 1/4-inch	2.00	18.00	" Japonica	"	2.00 18.00
Begonias, 15 choice varieties, named.			Geraniums, named, our selection,		
2 1/4-inch	2.00	18.00	2 1/4-inch	2.00	18.00
Iresines, red and yellow	2 1/4-in.,	2.00 18.00	Geraniums, choice, mixed	2 1/4-in.,	1.75 12.50
Coleus, 14 varieties, named			Pelagonium, The Queen		2.00
Velvet Plant		2.00 18.00	Happy Thought	2 1/2-in.,	3.00
Maiden Hair Fern	2 1/2-in.,	5.00	Alternantheras, 3 varieties, strong,		
A. Plumosus	5-in.,	15.00	2 1/4-inch		2.00 15.00
Feverfew, Little Gem	2 1/2-in.,	2.00 15.00	Cigar Plant	2 1/4-in.,	2.00
Primula, Chinese, mixed		2.00 18.00	Jerusalem Cherry	6-in.,	10.00

.....NEW PLANTS.....

	Pr doz.,	Pr 100		Pr doz.,	Pr 100
New Yellow Baby Primrose, 2 1/4-in.,	\$1.20	\$10.00	New Geranium, Dble. Snow Drop,		
New Geranium, De Roo Mitting,			2 1/4-inch	\$1.20	\$10.00
2 1/4-inch	1.20	10.00	Lobelia, Scarlet Bloom	2 1/4-in.,	1.20 10.00

CASH.

THE MORRIS FLORAL CO., MORRIS, ILL.

Mention the Review when you write.

High-Grade Chrysanthemums Wanted!!

WHILE we will have "Mums" for all, in all grades, we desire to secure a larger supply of strictly gilt-edged stock. Growers assured of a cut of first-class "Mums" will find it to their interest to correspond with.....

E. C. AMLING, WHOLESALE CUT FLOWERS,

W. S. HEFFRON, Mgr

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

Asparagus Sprengeri,

2 1/2-in. pots	per 100,	\$6.00
ASPARAGUS TENUSSIMUS, 2 1/2-in. pots,	"	4.00
CAREX VARIEGATA,	"	5.00
BEGONIA REX, in variety, 5-inch pans,	"	10.00
CYCLAMEN, finest strain, in 4 colors,	"	5.00
2 1/2-inch pots	"	5.00
GREVILLEA ROBUSTA, 2 1/2-in. pots.....	"	5.00

VIOLETS, extra strong field-grown clumps of PRINCESS OF WALES per 100, \$8.00 CALIFORNIA " 5.00

All of the above plants are in fine condition and are sure to give satisfaction.

NATHAN SMITH & SON, Adrian, Mich.

Perry Watson & Co.

CALIFORNIAN SEED HOUSE

—SPECIALTIES—

Onion Seed	Sweet Peas	Lima Beans
Lettuce	Cosmos	Salt Bush
Celery	Hollyhock	Bromus Grass
Carrot	Verbenas	Bermuda "
Salsify	Asters	Johnson "
Parsnip	Mignonette	etc.
etc.	etc.	

ALL CALIFORNIA GROWN. WHOLESALE ONLY. SACRAMENTO CALIFORNIA

Mention The Review when you write.

Roses, Carnations and Violets.

Bridesmaids, 3-in. stock	\$5.00 per 100.
Meteors, 2 1/2-in. pots	4.00 "
Kaiserin, 4-in. pots	8.00 "
Violets in 2 1/2-in. pots	3.00 "
Genistas, 3-in., \$9.00; 4-in.	15.00 "
Field Grown Carnations, now ready, all the leading varieties,	\$5.00 a 100, \$40.00 a 1,000.
Field Grown Violets, 5.00 "	40.00 "
WM. F. KASTING, 481 Washington St., Buffalo, N. Y.	

Mention The Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

DUTCH BULBS
and
LILY OF THE VALLEY PIPS

FOR FORCING and OUTDOOR planting.
Florists and Dealers are invited to send for Trade List, now ready.

J. M. THORBURN & CO.
(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention the Review when you write.

PULVERIZED SHEEP MANURE.

Something new in this line, as it's full strength. Can use it with hose. 75-lb. sack, \$1.00; per ton, \$14.00. Write for samples.

A. MITTING, - MORRIS, ILL.
Mention The Review when you write.

SAMUEL S. PENNOCK, Wholesale Florist

{ Commencing October 2nd, until further notice, will be open }
 from 7:30 a. m. to 8 p. m.

American Beauties and Valley ^{Our} Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention the Review when you write.

PITTSBURG CUT FLOWER CO., Ltd.
 WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 705 Penn Avenue, PITTSBURG, PA.
 FLORISTS' SUPPLIES. Write for Price List.
 Mention The Review when you write.

Burpee's Seeds Grow

COLD STORAGE Lily of the Valley, Fall 1899.

NOW IS THE TIME TO ENGAGE FIRST CLASS PIPS IN FINE CONDITION!
 Cases are supplied with from 1030 to 1200 pips at \$14.00 per 1000.
 Write for special prices for large quantities.

F. W. O. SCHMITZ, IMPORTER AND EXPORTER, JERSEY CITY, N. J.
 Mention The Review when you write.

GLOIRE DE LORRAINE BEGONIA

The grandest novelty of the day and one of the best selling plants for Florists ever offered. Blooms continuously, autumn, winter and spring.

Fine, Strong Plants, from 3 1/2-inch pots, per dozen, \$4.75; per 100 \$35.00.
Flowering Plants, from 2 1/2-inch pots, per dozen \$2.35; per 100 \$17.50.

R. & J. FARQUHAR & CO.
 16 and 19 S. Market St., BOSTON, MASS.

Mention The Review when you write.

Eglantine.

THE TRUE FRAGRANT SWEET BRIAR.

1,000 Rosa Rubiginosa, 4 to 5 feet, per 100, \$5.00
 1,000 " " 2 to 3 " " 3.00
 1,000 " " 1 to 2 " " 2.00
 10,000 Berberis Thunbergii, per 100, \$3.00 to 7.00

T. R. WATSON, Plymouth, Mass.

Mention the Review when you write.

Primroses.

Chinese, ready for 3-in. pots, 100, \$1.75
 Obconica grand, " " " 1.75
 " " rosea, ready for 3-in. pots, " 1.75
Forbesi, ready for 3-in. pots, " 2.10
 Pansy Plants, 1000, \$2.75 " .50
 Cash with order.

JOS. H. CUNNINGHAM, Delaware, Ohio.

Mention The Review when you write.

Galax Leaves...

For Summer Use in Cold Storage. Write the Introducer.

HARLAN P. KELSEY,
 1106 Tremont Bldg., - BOSTON, MASS.
 Mention The Review when you write.

Asparagus Plumosus

Strings 10 leaf long. Shipped to any part of the country.
 50 cents.

W. H. ELLIOTT,
 BRIGHTON, MASS.

Mention The Review when you write.

Cut Flower Exchange,

404 - 412 East 34th St., New York.

NEAR THE FERRY. Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

Long's "Handy" Order Sheets

The practical leaders to correct order taking in hurried hours. **Single sample free.**

Pad of 100 sheets, mailed for 24 cents in stamps.
 Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.

Mention The Review when you write.

GIVE US A TRIAL. WE CAN PLEASE YOU.



Roses, Carnations and all kinds of Seasonable Flowers in stock.

WM. F. KASTING, Wholesale Commission Florist,
 481 Washington St., BUFFALO, N. Y.
 Also Dealer in Florists' Supplies and Wire Designs.

Mention The Review when you write.

WM. J. BAKER,

WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.

Original Headquarters for CARNATIONS.

Mention the Review when you write.

PANDANUS VEITCHII

6-inch pots, \$12.00 a dozen.
 7-inch pots, 18.00 a dozen.
 8-inch pots, 24.00 a dozen.

Stock is in excellent condition.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R. GERMANTOWN, PA.

Mention The Review when you write.

Choice Plants for Autumn Sales.

JOHN H. LEY,

Good Hope, Washington, D. C.

Asparagus P. Nanus, 5-in. pots, doz., \$3.00
 Ferns, 30 new and choice sorts, 4-in. pots, 100, 10.00
 " 10 choice sorts, 2-in. pots, " 4.00

Nephrolepis Washingtoniensis, the finest new Fern this year, 4-in. pots, doz., 3.00

Adiantum Hybridum, new, elegant, 8-in., each 1.00

Cuneatum, extra large, 4-in. pots, 100, 10.00

Crotons, 12 finest sorts, colors fine, 4-in., doz., 1.00

Peperomia Arifolia and Argyrea, 3-in., " .50

Selagoella Africana, fine blue and others, 3-in. pots, doz., .50

Ferns, from flats, nice little plants for small pots, 10 sorts, 100 free by mail, 1 25

Careful packing. Cash with order. Plants gratis.

Mention The Review when you write.

Orchids.

A limited number left of freshly imported Cattleya Lablata, C. Speciosissima and C. Gaskelliana. C. Mendellii expected shortly.

CHERRY WOOD BASKETS, FRESH MOSS AND PEAT.

Lager & Hurrell, Growers and Importers, Summit, N. J.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderi, 2½-in. plants, \$12.50 per 100; \$1.40 per 10.
The Conard & Jones Co., West Grove, Pa.

AGERATUM.

Princess Pauline, 2-inch, \$2.00 per 100.
Edw. B. Jackson, Stamford, Conn.

ALTERNANTHERA.

In 3 varieties, strong, 2½-in., \$2.00 per 100; \$15.00 per 1000. Morris Floral Co., Morris, Ill.

Red and yellow, rooted, per 100, 50c.
E. I. Rawlings, Quakertown, Pa.

ARAUCARIA.

A. excelsa, 2½-inch pots, 6 inches high, 2 tiers, \$16.00 per 100. A. Bidwelli, 4-inch pots, 12 inches high, 2 and 3 tiers, \$25.00 per 100; 3-inch pots, 2 tiers, \$15.00 per 100. E. Ludemann, Pacific Nursery, San Francisco, Cal.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengeri, 2-inch, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$4.00 per 100.
Geo. Wittbold, 1708 N. Halsted St., Chicago.

A. Sprengeri (very fine), 2½-in. pots, per doz., 50 cts; per 100, \$3.00; per 1000, \$25.00.
Seawanhaka Greenhouses, Oyster Bay, N. Y.

Asparagus Sprengeri, 2½-in., \$6.00 per 100. Asparagus Tenuissimus, 2½-in., \$4.00 per 100.
N. Smith & Son, Adrian, Mich.

Asparagus Plumosus and Sprengeri, 2-inch, \$5.00 per 100.
Geo. M. Emmans, Newton, N. J.

600 Asparagus Plumosus, strong, 3-in., \$8.00 per 100.
H. Steinmetz, Raleigh, N. C.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

A. plumosus nanus, 5-in., \$3.00 per doz.
John H. Ley, Good Hope, Ia. C.

A. plumosus, 5-in., \$15.00 per 100.
Morris Floral Co., Morris, Ill.

A. Sprengeri, 2-in., \$4.00 per 100.
Roney Bros., West Grove, Pa.

BEGONIAS.

Gloire de Lorraine, the grandest novelty of the day and one of the best selling plants for florists ever offered. Blooms continuously, autumn, winter and spring. Fine, strong plants from 3½-in. pots, per doz., \$4.50; per 100, \$35.00. Flowering plants, from 2½-in. pots, per doz., \$2.35; per 100, \$17.50. R. & J. Farquhar & Co., 16 So. Market St., Boston, Mass.

5000 Begonia Rex. Assorted, 2½-inch, \$4.00 per 100; Named, \$6.00 per 100. Rooted cuttings: Rex, \$2.00 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

2000 Begonia Rex in the best varieties, from 3-inch pots, \$6.00 per 100, 2-inch, \$1.00.
C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Assorted varieties from 2-in. pots, \$2.00 per 100. Extra strong. Cash please.
Edw. B. Jackson, Stamford, Conn.

B. Rex, strong plants, best variety, \$4.00 per 100. Cash please.
J. H. Dann & Son, Westfield, N. Y.

Begonia Rex. Full assortment. Mixed, 3-inch, \$4.00 per 100. Geo. M. Emmans, Newton, N. J.

Choice varieties, named, 2½-in., \$2.00 per 100, \$18.00 per 1000. Morris Floral Co., Morris, Ill.

Begonia Rex, per 100, 5-in. pans, \$10.00
N. Smith & Son, Adrian, Mich.

Gloire de Lorraine, 2-in., \$1.50 per doz
Roney Bros., West Grove, Pa.

BERRIED PLANTS.

Jerusalem cherry, 3 weeks in pots, lots of berries, extra fine, 6 and 7-inch, \$20 and \$30 per 100. Cash.
Chas. Zimmer, W. Collingswood, N. J.

Solanum Capsicastrum from 5-inch pots, \$18.00 per 100. C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Jerusalem cherries, 6-in., \$9.00 per 100
Morris Floral Co., Morris, Ill.

Solanum Capsicastrum, 6-in., \$2.00 per doz.
Roney Bros., West Grove, Pa.

BOUGAINVILLEAS.

Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$8.00 per 100.
P. J. Berkmans Company, Augusta, Ga.

"The Classified Advs. are a great convenience" is the verdict of the buyers.

BROWALLIA.

Browallia, 2-in., \$2.50 per 100. Best varieties.
Henry Smith, Grand Rapids, Mich.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

BULBS.

Japan Longiflorum now ready for delivery. The bulbs are unusually fine and we are offering them at the following prices: 6 to 8 in., \$1.50 per 100; \$40.00 per 1000. 7 to 9 in., \$3.50 per 100; \$60.00 per 1000. Also large stock of Holland and French bulbs, which we will quote on application. W. W. Rawson & Co., 12 & 13 F. H. Sq., Boston, Mass.

Narcissus Paper White grandiflora, extra fine, \$6.75 per 1000. Roman Hyacinths, fine stock, \$14.00 per 1000. Lillium Harrisii, 6-7, all repacked, \$40.00 per 1000. This offer holds good only so long as stock is unsold. Terms, net cash with order. F. W. O. Schmitz, Importer, Jersey City, N. J.

Lil. longifl., sound and plump, 5x7, 100, \$2.50; 1000, \$23.00; 6x8, \$4.50-\$40.00; 7x9, \$6.50-\$60.00; 9x10, \$12.00. Calla, extra fine, 3-5, 100, \$4.00; 1000, \$35.00. Cyclamen giganteum, gorgeous colors, doz., \$1.50; 100, \$9.00. H. H. Berser & Co., 47 Barclay St., New York.

Cold storage Lily of the Valley pips. Now is the time to engage them. Cases are supplied with from 1000 to 1200 pips at \$14.00 per 1000. Write for special prices in large quantities. F. W. O. Schmitz, Jersey City, N. J.

Freesia alba, ¾-inch diameter and up, \$3.00 per 1000; ½-inch and up, \$5.00 per 1000 small bulbs. I guarantee all to bloom, as I have tried them. C. Ammann, 7th Ave. & 120th St., New York City.

Dutch Bulbs and Lily of the Valley pips for forcing and outdoor planting. Trade list now ready. J. M. Thorburn & Co., 36 Cortlandt St., New York City.

Excelsior Pearl Tuberoses. Bulbs and Caladium Esculentum Bulbs for Dec. and Jan. delivery. J. F. Croom & Bro., Magnolia, N. C.

Samples of Washington-grown Tulips and Crocuses by mail for 50 cents.
Geo. Gibbs, Orcas, Washington.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Day St., N. Y.

Choice. Gladioli and Dahlia. Price on application. L. H. Read, Grand Rapids, Wis.

Home grown Tenuifolium Lily bulbs, \$7.00 per 100.
F. H. Burdett, Clifton, N. Y.

CALADIUMS.

Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100.
P. J. Berkmans Company, Augusta, Ga.

Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00. Florists' Pub. Co., Chicago.

CANNAS.

Canna bulbs, ready this fall, \$7.00 per 1,000. cash.
M. T. Thompson, Rio Vista, Va.

200 clumps. Write for prices.
Jos. Dunn, Orr's Mills, N. Y.

CARNATIONS.

We offer the following varieties, all strong, well grown plants. An extra fine lot of Hector, Evelina and Joost. We must clear the field. Order quick. Per 100, Helen Keller, \$5.00. Pingree, Triumph, Hector, Joost, Scott, J. Young and Evelina, \$6.00. Albertini, Storm King, Wellesley, Argyle, Empress and New York, \$5.00. McBurney, Armazindy, Portia, Fire Fly, Cerise Queen and Dazzle, \$4.00. 1000 rate, 20 cent discount. 500 plants at 1000 rate.
H. Weber & Sons, Oakland, Md.

Our carnations are very fine. They have been grown with the greatest care; free from disease. Packed by our improved system of packing they can be sent to any part of the U. S. in perfect condition. Mayor Pingree, Crimson Sport, Meteor, Portia, Scott, Butter Cup, Daybreak, Cap. King, Alaska, Fisher, C. A. Dana, Storm King, Albertini, Sweet Briar, McGowan, Armazindy, Jubilee, Eldorado, Ivory and L. L. Lamborn, \$5.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

Cheap for cash. No buds on them. Fine, bushy, healthy plants, good medium size, well grown. Flora Hill, Evelina, Red Jacket, Scott, Oneida, Peach Blow, Genesee, Mrs. Fisher, Empress, Meteor, Eldorado, McGowan, Mary Wood, Wellesley, etc., \$3.00, \$4.00, \$5.00 per 100, according to size.
Chas. T. Siebert, Sta. B, Pittsburg, Pa.

400 Genesee, 500 Scott, 800 Meteor, 400 Pingree, 200 Victor, 500 Daybreak, 200 Evelina, 200 Alaska, all good plants, \$3.00 per 100; \$25.00 per 1000. Cash please.
Geo. A. Rackham, 850 Van Dyke Ave., Detroit, Mich.

Fine field-grown carnation plants. Scarlet Seedling, Evanston, Daybreak, McGowan, Alaska, Albertini, Tidal Wave, Mrs. Fisher, Empress, Mayor Pingree, Bon Ton and Scott, \$4.00 per hundred. Cash with order please.
Van Wert Greenhouses, Van Wert, O.

Good plants, field grown. Flora Hill, Triumph and Evelina, \$6.00 per 100; \$50.00 per 1,000. Eldorado and Daybreak, \$5.00 per 100; \$45.00 per 1,000. Gold Nugget, \$5.00 per 100. Wm. Scott, \$4.00 per 100.
Geo. F. Christie, Clifton Heights, Pa.

Extra strong field grown, free from disease. Rose Queen and Pingree, \$4.00 per 100. Emma Woche, \$3.00 per 100. Lizzie Tong, white, lightly penciled carmine (new), \$8.00 per 100.
H. Tong, Massasauga Gardens, Erie, Pa.

Support your Carnations with the Model Extension Carnation Support, now regarded as the standard support, and by far the best yet offered. The Model Plant Stake Co., 225 No. 9th St., Brooklyn, N. Y.

Field grown. We have a very large stock including G. H. Crane, Macao, Glacier and Mrs. Jas. Dean, in good, healthy condition. Send for price list.
F. Dornier & Sons Co., La Fayette, Ind.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Carnation plants all sold except 2000 Daybreak, 400 Meteors and 300 Triumph, which I will sell for \$1.00 per 100, or \$30.00 per 1000, cash. These are all first size plants and clean.
W. A. Wettlin, Hornellsville, N. Y.

Scott, Helen Keller, Kohinoor, Tidal Wave, Sweet Brie, Storm King, Outcast, Victor, Daybreak and Meteor, \$1.00 per 100. The above are good No. 1 plants; good shape, no culis.
Eveden Bros., Williamsport, Pa.

Extra fine and large McGowan, Flora Hill, Triumph, New York, Daybreak, Victor, Scott, Cartledge and Bon Ton, \$5.00 per 100; \$40.00 per 1000. Cash with order; satisfaction guaranteed.
Geo. R. Geiger, Nazareth, Pa.

Uncle John, McGowan, Scott, Rose Queen, Albertini, Dazzle (red), Old Glory (variegated), to clear the field quick will sell at \$3.00 per 100.
South Side Floral Co., Springfield, Ill.

5000 field grown plants. Scott and McGowan, \$4.00 per 100; \$35.00 per 1000. Eldorado, \$5.00 per 100; \$45.00 per 1000. H. Pritchard, Barstow St., Astoria, Long Island City, N. Y.

Extra strong, bushy plants. Daybreak, \$5.00 per 100; Victoria, \$6.00 per 100. Cash.
E. Towill, Roslyn P. O., Hillside Sta., Montgomery Co., Pa.

1000 McGowan, strong plants, \$3.50 per 100; \$30.00 per 1000. 300 Wm. Scott, strong plants, \$4.00 per 100. Arthur Mallon, Jr., West Collingswood, N. J.

Thrifty field carnations with plenty of roots. Send for prices. All the new and leading varieties.
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40,000 field grown. Scott and Portia, \$4.00 per 100. McGowan, \$3.00 per 100. Good, healthy plants. F. W. Godfrey, Port Richmond, S. I., N. Y.

Field-grown, very strong, none better. Wm. Scott and Thos. Cartledge, \$4.00 per 100; \$30.00 per 1000.
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6000 nice field plants, no rust. Eldorado, Kitty Clover, Kohinoor, McGowan, Cartledge, Portia, Scott, Cook, \$3.00 per 100.
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Dorothy Sweet, Best scarlet carnation to date. 10,000 plants ready now. Price, \$10.00 per 100; \$80.00 per 1000. 500 at 1000 rate.
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Field grown. All the leading varieties, \$5.00 per 100, \$40.00 per 1000. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

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Field grown, fine stock, standard varieties, \$5.00 per 100.
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Flora Hill, Daybreak, Scott, Portia, Cartledge, Victor. Extra fine at low prices.
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Best new and standard varieties. Write for catalogue and prices.
W. P. Peacock, Atco, N. J.

115,000 field-grown carnation plants. See page 494.
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Clematis paniculata, 2 years old, pot grown, \$6.00 per 100. C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

One and 2 years, pot and field grown.
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Cyclamen, select, 3-inch, \$12.00 per 100; 4-inch, \$15.00 per 100; 5-inch, \$25.00; extra select, 5-in., ready for 6-inch, \$4.00 per dozen; 6-inch, \$6.00 per dozen; 7-inch, specimens, \$12.00 per dozen.

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Cyclamen giganteum, strong plants in splendid condition. 2-inch, \$4.00 per 100; 3-inch, \$7.00 per 100. Cash with order. C. W. Cox, Second & Bristol Sts., Philadelphia, Pa.

Finest strain in 4 colors, 2 1/2-in., \$5.00 per 100.
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Strong, 3 and 4-in., \$1.00 per doz.
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4-inch pots, \$1.50 per dozen. J. Thomann, 312 Goodman St., Rochester, N. Y.

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Ericas for October delivery. Plants set with bud. All sizes of the best commercial sorts at reasonable prices.
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Erica Wilmoreana, 5-inch pots, fine, bushy plants, \$4.00 per doz. 4-inch pots, \$2.00 per doz.
Chas. Lenker, Preport, L. I., N. Y.

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Ferns, 30 new and choice sorts, 4-in., \$10.00 per 100; 10 new and choice sorts, 2-in., \$4.00 per 100. Nephrolepis Washingtoniensis, 4-in., \$3.00 per doz. Selaginella Africana, 3-in., 50c per doz. Adiantum hybridum, new, 8-in., \$1.00 each. Ferns from flats, nice little plants for small pots, 10 sorts, 100 free by mail, \$1.25. Adiantum cuneatum, extra large, 4-in., \$10.00 per 100. Careful packing. Cash with order.
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The Boston Fern. Elegant specimen plants for 7, 8 and 10-in. pots, spread 4 to 6 feet, at 50c, 75c and \$1.00 each; smaller ones at 20c and 25c each for 5 and 6-in. pots. Cut from bench. No better money getter. Send orders now to put up for fall sales. Can be safely shipped anywhere in U. S. Small plants, \$5.00 per 100; \$40.00 per 1000. L. H. Foster, 45 King St., Dorchester, Mass.

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Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.50 to \$20.00 per 100; not less than 250 at 1,000 rate.

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Ferns. Good variety and nice, bushy stock, 2 1/2-inch, \$3.50 per 100; \$30 per 1000. Packed in pots, 50c per 100 extra. Express paid to New York. H. Weston & Bro., Hempstead, L. I., N. Y.

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Boston ferns in any quantity, from 35 cents to \$5.00 each. Ferns for jardinières, splendid stock, \$35.00 per 1000.
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Boston fern, field grown, ready for 3-inch pots, \$10.00 per 100.
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Maidenhair ferns, 2 1/2-in., \$5.00 per 100.
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Winter flowering, 2 1/2-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100.
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Downing's Gooseberry. Best and most prolific variety grown. Have sold 12 tons of fruit in one season here. 1 year, \$1.50; 2 years, \$2.50 per 100. Special prices for larger lots.
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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

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Our geraniums are now in full bloom, every florist is invited to call and see them. The finest collection in America. All the desirable novelties. A full line of the tried and approved standard sorts. We have them in quantity, true to name, and have enough stock to fill all orders with good plants. We head the list of growers of fine geraniums. Send in your orders early.

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Sweet Scented, Mrs. Pollock, Pansy, 2½-inch, \$4.00 per 100; Mrs. Parker, 2½-inch, \$6.00 per 100; Happy Thought, Silver Leaf, 2½-inch, \$4.00 per 100. Rooted cuttings: Assorted, \$1.50 per 100; mixed, \$1.25; Mars, Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Silver Leaf, Rose scented, Ivy, \$1.50; Mrs. Parker, Freak of Nature, \$4.00; Mme. Sallerol, \$1.25. Cash or C. O. D.

Greene & Underhill, Watertown, N. Y.

Named, our selection, 2½-in., \$2.00 per 100; \$18.00 per 1000. Choice mixed, 2½-in., \$1.75 per 100; \$12.50 per 1000. New geraniums, De Roo Mitling and Double Snow Drop, 2½-in., \$1.20 per doz.; \$10.00 per 100. Happy Thought, 2½-in., \$3.00 per 100. Morris Floral Co., Morris, Ill.

Apple scented geraniums. I have a large stock of this fine, fragrant geranium. Strong, healthy plants, 5 cts. each; \$4.00 per 100.

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Double New Life, 2-inch, \$4.00 per 100. Rose geranium, 2-inch, \$2.00 per 100.

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Mixed good assortment, not labeled, from 2-in. pots, \$2.00 per 100.

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Wanted, 1000 Gen Grant double geraniums, rooted cuttings. State lowest price.

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800 apple geraniums, 2½-in., \$4.00 per 100.

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Grevillea Robusta, 2-in., strong, \$2.50 per 100.

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Grevillea Robusta, 2½-in., \$5.00 per 100.

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Just received from our Holland Nurseries: Rhododendrons, Azaleas, Spiraea Japonica, Lilium speciosum, Paeonies, Bleeding Heart, Pot grown Lilacs, Hydrangeas in sorts, Clematis and H. P. Roses in the best sorts. Prices moderate. P. Ouwkerk, 1123 Summit Ave., Jersey City, N. J.

Hollyhock Seed, fine double white or mixed, large trade packet, 25c. Hardy Pinks, Hollyhock and Sweet William seedling plants, by mail, prepaid, per 100, 50c; per 500, \$2.00. The seedlings will be mixed to suit purchaser in 500 lots. Cash.

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Blota Aurea Nana, a perfect gem, fine, shapely plants, hardy north. 10 to 12 inches high, \$10.00 per 100; \$80.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100.

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Ampelopsis Vetchii, extra fine stock, \$50.00 per 1000. Large stock of other vines. Low prices on quantity. Clematis paniculata and Hamulia, Bignonia radicans, honeysuckles, etc. David G. Yates & Co., Mount Airy Nurseries, Philadelphia, Pa.

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Eglantine, the true fragrant sweet briar, Rosa Rubiginosa, 4-5 ft., \$5.00; 2-3 ft., 3.00; 1-2 ft., 2.00 per 100. Berberis Thunbergii, \$3.00 to \$7.00 per 100.

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Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

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Hardy southern shrubs, plants, bulbs, etc. Send for list. Milford A. Russell, Altifirma Nursery, Highlands, N. C.

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Purple and white, 2-inch, \$2.00 per 100.

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Otaksa, red branched, Thos. Hogg. With 4 or more crowns, \$10.00 per 100; \$90.00 per 1000. With 2 or 3 crowns, \$7.00 per 100; \$60.00 per 1000. Extra good value, satisfaction guaranteed. Jackson & Perkins Co., Newark, N. Y.

Hydrangea Otaksa, strong plants from the open ground, just right for potting up for Easter, at \$5.00, \$10.00 and \$15.00 per 100.

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Pink and white, out of field for 7 and 8-inch pots, \$25.00 per 100. In 4 and 6-inch pots, \$8.00 and \$15.00 per 100.

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Hydrangea paniculata gr. very strong, 7c and \$1.00 each. Fine for lawns, etc. Chas. F. Drawel, 433 5th Ave., Brooklyn, N. Y.

100 Hydrangea Pan., fine specimens, 4 to 5 ft., \$1.50 each. Special price on lot Arthur Mallon, Jr., West Collingswood, N. J.

Hydrangea Otaksa, 2½-in., \$2.00 per 100. Strong plants. Cash please.

J. H. Dann & Son, Westfield, N. Y.

100 Hydrangeas, ready for 5-in. pots. Write for prices. Jos. Dunn, Orr's Mills, N. Y.

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Scarlet Bloom, 2½-in., \$1.20 per doz.; \$10.00 per 100.

Morris Floral Co., Morris, Ill.

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Manettia bicolor, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00. Cash or C. O. D.

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MUSHROOM SPAWN.

Best English Milltrack, just arrived, \$7.00 per 100 lbs. In 500 lb. lots at \$6.50 per 100.

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Myrtle for cemetery and carpet work. I have the largest and best stock in the country. Rooted cuttings, by mail, prepaid, per 100, 60c; per 1000, \$4.50. Large field-grown sods, per 100, \$6.00. Delivered free to any express from New York City. Cash.

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BUSH HILL PARK NURSERY,
ENFIELD, ENGLAND.

We beg to announce to the trade that we have our own collectors in the tropics shipping us Cattleya Trianae, Mendellii, gigas and aurea and Odontoglossum crispum (Pachy type) and will be pleased to book your orders, spring of 1900 delivery. We also have the finest collection of Laelia-Cattleya hybrids—unique types. Catalogue may be had on application. Arnold & Co., Orchidists, 222 St. Marks Sq., Phila.

A limited number left of freshly imported Cattleya labiata, C. speciosissima and C. Gaskelliana. C. Mendellii expected shortly. Cherry wood baskets, moss and peat.

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Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel.

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One year, grown from division, colors named, \$5.00 per 100. No order taken for less than 25 at above prices.

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Paeonies, indispensable for the florist, fine assortment, all colors.

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Paeonies, 14 varieties, assorted, \$7.00 per 100; \$60.00 per 1000. S. E. Hall, Cherry Valley, Ill.

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WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS. Measurements from top of pot to top of tallest leaf.

	Pot	H't.	Char.	Doz.	
	in.	in.	lvs.	Each.	\$
Latania Borbonica,	2				.50
"	3				1.50
"	5	16-20	5-8	4.50	5.00
"	6	18-20	6-7	.75	9.00
"	7	20-24	6-8	1.00	12.00
Cocos Weddellana,	3	14-18	4-6	.25	3.00
Kentia Beldmoreana,	3	5-7	3-4		2.00
"	3	8-10	4-6	.25	3.00
"	3	18-20	5-6	.75	9.00
"	6	18-20	6-7	1.00	12.00
"	6	20-25	6-7	1.50	18.00
"	7	34-38	6-7	2.50	30.00
Kentia Forsteriana,	5	20-24	4-5	.75	9.00
"	5	25-28	4-5	1.00	12.00
"	6	26-30	6-8	1.50	18.00
"	7	36-40	6-6	2.50	30.00
Phoenix Reclinata,	6	14-16	5-8	.50	6.00
"	5	16-18	7-10	.75	9.00
Pandanus Utilis,	3				1.50
"	4	12-14			3.00
"	5	14-16			6.00
Peperomia Agyrea,					1.50
Dracaena terminalis,	4				3.00
"	"	Fragnans,	4	8-10	3.00
"	"	"	6	10-12	.50
"	"	"	6	14-16	.75
Araucaria Excelsa at \$10.00, \$15.00 and \$36.00 per dozen. Cycas Revoluta from 50 cents to \$15.00 each, in any quantity.					

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Latanias, 4-in. pots, 18 in. high, 4 and 5 leaves, \$2.00 per doz.; \$15.00 per 100. 6 in. pots, 20 to 22 in. high, 6 leaves, \$6.00 per doz.; \$45.00 per 100. 3 ft. in height and diameter, \$2.00 per plant, \$20.00 per doz. 3½ to 4 ft. in height and diameter, \$5.00 per plant. Areca Lutescens, 4-in. pots, 22 in. high, 2 and 3 plants to pot, \$4.00 per doz. 6-in. pots, 26 to 30 in. high, 2 and 3 plants to pot, \$12.00 per doz. 9, 10 and 11 in. pots, 2 and 3 plants to pot, with side shoots, 5 to 6½ ft. high, \$5.00, \$7.50 and \$12.50 per plant. Kentias, in several sizes, prices on application. Pandanus Vetchii, 6-in. pots, nicely variegated, \$1.00 per plant. 7-in. pots, nicely variegated, \$1.50 per plant. J. W. Colflesh, 531 and Woodland Ave., Phila., Pa.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

	Pot H't.	Char.	Per	Per
	in.	in.	ivs.	100.
Latania Borbonica,	4	12-15	2	\$15.00
"	4	15-18	2-3	20.00
"	5	18-20	4-5	25.00
Phoenix Canariensis,	4	15-18	4-5	15.00
Seaforthia Elegans,	4	18-20	2	20.00

F. J. Berckmans Company, Augusta, Ga.

Dracaena Sanderlana. 3-in. pots, \$20 a 100. Peperomia Arifolia, 3-in. pots, \$8 per 100. Ficus Elastica, 6-inch pots, 18-inch, \$40.00 per 100; 8-inch pots, 3 to 4 feet, \$1.50 each. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Dracaena Fragrans, 4-inch, fine stock, \$3.00 per dozen. Ficus Elastica, choice stock from 5 and 6-inch pots, \$6.00 to \$9.00 per doz. C. Young & Sons Co., 1406 Olive St., St. Louis, Mo.

Large stock of handsome home grown palms and decorative plants of all the leading varieties at popular prices. Send for price list. Lemuel Ball, Wissinoming, Philadelphia, Pa.

Fine stock of Pandanus utilis, 4 1/2 and 5-in. pots, \$25 and \$35 per 100. Kentia Belmoreana and Latania Borbonica, 4-in., \$25 per 100. L. H. Foster, 45 King St., Dorchester, Mass.

Ficus elastica. Nice, clean, healthy stock, from 5-inch pots, well leaved from pot up, 18 to 24 inches high, \$4.00 a dozen; \$30.00 a 100. McGregor Bros., Springfield, O.

Latania borbonica, 2 ft. high, 6 and 7-in. pots, \$5.00 per doz. Ficus elastica, 2 ft. high, 6-in. pots, \$5.00 per doz. Chas. Hüniger, Evergreen, L. I., N. Y.

Specimen plant of Phoenix tinnis, 6 feet high. Bought from Geo. Such. Price, \$15.00 here. W. T. Bell & Sons, Franklin, Pa.

Palms and Decorative Plants. Largest stock in America. Siebrecht & Son, New Rochelle, N. Y.

Palms and decorative plants. Hardy, perfect stock. Price list on application. C. D. Ball, Holmesburg, Phila., Pa.

Finest stock of Kentias in the west. Send for our list of Palms and Ferns. Ellis & Pollworth, Milwaukee, Wis.

Cocos nutifera, fine, large plants, 25 to 40 cents each. Other tropical plants. Soar Bros., Little River, Fla.

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Schmidt's pansies have no equal; the cream of all pansies, fine, large plants, 50c per 100; \$3.00 per 1000. Bellis, extra fine, Snowball, Longfellow, 50c per 100; \$5.00 per 1000. Forget-me-Not, blue, hardy, 60c per 100; \$4.00 per 1000. J. C. Schmidt, Bristol, Pa.

From Zirngiebel's Giant Pansy seed at same rate as common varieties, \$5.00 per 1000. Securely packed to go any distance. Large transplanted plants for winter blooming, \$2.00 per 100. Denys Zirngiebel, Needham, Mass.

50,000 pansy plants. Finest strain in the market. About 10,000 ready, now commencing to show bud. \$3.00 per 1000. No order taken for less than 500. A. Wenisch, Newell Ave., Williamsbridge, New York City.

The finest pansies in the world. 40,000 of Roemer's giant prize pansies, separate colors or mixed, at 40c per 100; \$3.00 per 1000. Cash. M. E. Kraus, 329 Davenport Ave., New Haven, Conn.

Grown from extra choice seed and not surpassed by any other variety for size, beauty of coloring and freedom of flowers. 50c per 100; \$4.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

The Jennings strain. Plants now ready. All colors, finest mixed, by mail 60c per 100, by express \$4.00 per 1000. E. B. Jennings, L. B. 254, Southport, Conn.

100,000 pansies. Harris' large flowering mixture, 50c per 100 by mail; \$3.50 per 1000 by express. Cash. C. A. Harris & Co., Delanson, N. Y.

Fine, mixed, strong, 1st size, \$4.00 per 1000; 2nd quality, \$2.50 per 1000. Chas. F. Erward, 433 5th Ave., Brooklyn, N. Y.

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Large plants in bud, 75c per 100; \$5.00 per 1000. Morris Floral Co., Morris, Ill.

Pansy Plants, 50c per 100; \$2.75 per 1000. Jos. H. Cunningham, Delaware, O.

Herr's Pansies, the best strain in the world. A. M. Herr, Lancaster, Pa.

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The Queen, 2 1/2-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

If you read these advs. others would read yours.

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CATALOGUES RECEIVED.

Samuel C. Moon, Morrisville, Pa., wholesale trade list for autumn, 1899; R. & J. Farquhar & Co., Boston, Mass., catalogue of bulbs, plants and seeds for fall planting; Griffith & Turner Co., 205 No. Paca street, Baltimore, Md., catalogue of bulbs and seeds; T. R. Watson (Old Colony Nurseries), Plymouth, Mass., price list of hardy ornamental trees, hardy flowering shrubs, evergreens, roses, bulbs, herbaceous plants, fruits, etc., for parks, cemeteries, gardens and all public and private grounds; Pinehurst Nurseries, Otto Katzenstein, Mgr., Pinehurst, N. C., North Carolina woody and herbaceous plants; Phoenix Nursery Co., Bloomington, Ill., fall price list of trees, shrubs, plants, roses, bulbs, greenhouse and bedding plants, etc.

TARIFF DECISION.

Under a ruling of the U. S. General Appraisers at New York, Sept. 22, it is determined that palm leaves dyed and painted and the artificial stem used to mount the leaves so as to give the appearance of a natural plant, are not to be classed as palms, but are dutiable as "manufactures of palm leaf at 30 per cent., under paragraph 149, act of July, 1897."

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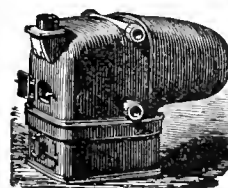
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G. L. GRANT, EDITOR AND MANAGER.

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Kennicott Bros. Co. 497	
Kroeschell Bros. Co. 508	

NASHVILLE, TENN.—The greenhouses of Jacob Geny, two miles out on the Hillsboro turnpike, were destroyed by fire October 4.

GENEVA, N. Y.—The greenhouses of William Schofield, situated half way between this city and Watrous, were destroyed by fire October 2.

ROCKFORD, ILL.—W. B. Reynolds has started in business here and has built two houses, one 22x30 and one 16x30. William Melcher is superintendent.

BUYERS' GUIDE.

For the convenience of our readers in locking up offers of supplies they may wish, we print the following classified list of same offered by our advertisers. To ascertain the page upon which the advertisement appears, consult the adjoining regular index to advertisers. For plants see classified advs.

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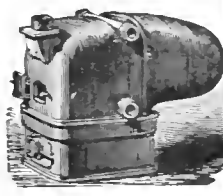
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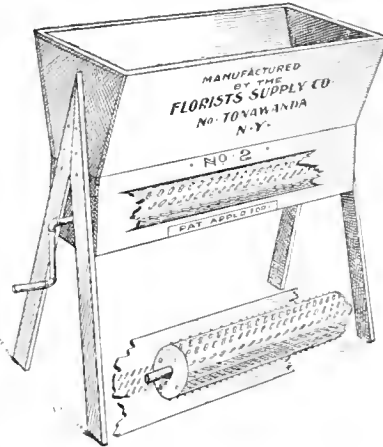
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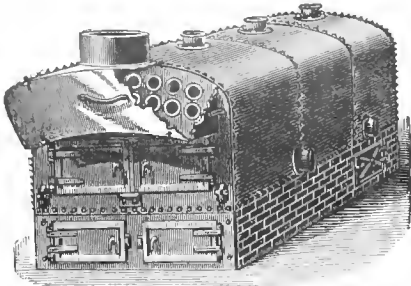
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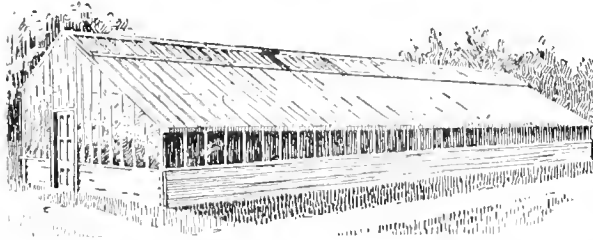
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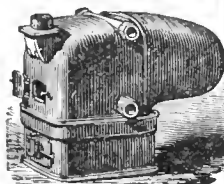
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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. IV.

CHICAGO AND NEW YORK, OCTOBER 19, 1899.

No. 99.

SELAGINELLAS.

Among the large number of species (over 300 in all) of the selaginellas there are comparatively few that are used in the trade, notwithstanding the fact that there are several of the species easily procurable and readily grown into very attractive pot plants. It is true that selaginellas in general

species are very tough and wiry, the leaves small and deep green in color, and it not only forms a very pretty plant in a 4 or 5-inch pot, but is also well adapted for growing into a large exhibition specimen, or to be used among foliage plants in a veranda box, the branches of this plant often reaching a height of eighteen inches or more.

This species has also provided us with one of the best variegated forms found among the selaginellas, namely, *S. Martensii* var., the branchlets of which are variably marked with white. *S. Martensii* var. also roots readily from cuttings, it being necessary, however, to select well-variegated pieces in order to perpetuate the variegation.

The freak of variegation is not confined to *S. Martensii*, for it also appears in the common *S. Kraussiana* var., and also in *S. involvens*, the latter being quite prolific in singular forms.

S. Kraussiana, also known as *S. denticulata*, is perhaps the most familiar example of this interesting family, and is one of the most useful plants we have for carpeting the surface of the soil beneath other plants, or for beautifying otherwise bare spaces beneath the benches of a conservatory.

S. cuspidata is another useful species, a plant of which is illustrated herewith. It will be readily noted that this illustration bears some resemblance to *S. Emiliania*, a variety that has been very largely grown for a few years past for filling table ferneries, and the explanation of this is found in the fact that *S. Emiliania* is simply a form of *S. cuspidata*. Cuttings of this species soon take root in sand or sandy soil, and become compact, tufted little plants in a few months when grown in an ordinary fern house.

S. viticulososa illustrates another form of growth that we find in this diverse family, this species being better adapted for use as a pot plant than to be mingled in a fernery, its branchlets being large and standing up like the fronds of a fern. These branchlets are thrown up from creeping stems, and do not root readily, consequently the propagation of this plant usually depends upon division, or from spores. A good idea of this handsome species may be had from the accompanying photograph.

S. serpens is a singular member of this family that is quite common in



Selaginella Cuspidata.

prefer moisture and shade, and in consequence are somewhat tender in foliage, but this rule does not hold good in all cases, some of the species bearing exposure fully as well as many of the commercial species of ferns.

An example of this is found in *S. Braunii*, a Chinese species that has been long in cultivation, and that is frequently, though incorrectly labelled *S. Willdenovi*. The branches of this

S. Martensii is another well-known and deserving species, the flat branchlets of which are quite effective among the plants in a table fernery. This species is very easy to increase by means of cuttings, these being potted up at once in light sandy soil without the preliminary treatment of the cutting bed, and only require to be kept moist and sheltered from too much sun and air until they take root.

gardens and forms a dense mat of closely rooting branchlets on the surface of the soil. The great peculiarity of this species is found in its changes of color during the day, the foliage being bright green in the morning, but gradually becomes much paler, as though bleached by the light, finally resuming its lively green hue at night.

Of the selaginellas that are especially valuable for private collections or for exhibition purposes a long list might easily be made, and prominent among them should be mentioned such beautiful species as *S. Wallichii*, *S.*

Vogelii, *S. Lyallii*, *S. Willdenovii*, that very strong growing scandent species with the strong metallic tints on its foliage, a species that has been tossed about on the waves of nomenclature, being sometimes *S. caesia arborea*, again *S. laevigata*, and finally *S. Willdenovii*. Also *S. haematodes*, *S. atrovirides*, and *S. rubricaulis*, all of which are worthy of more extended cultivation, though not all are quite so easy to manage as the few we have specially referred to for commercial purposes.

W. H. TAPLIN.



Window Decorations.

This week most of the leading stores are decorated with autumn foliage, principally scarlet oak. Many of the decorations are very, very pretty, particularly when lit up at night time. Some have only the mirrors framed with it, whilst others have it attached to the interior of the window frame. A good effect can be got by having the window framed out with green, then suspend in center a large, well-made wreath of highly colored foliage, with cluster of yellow mums at bottom.

With such a wealth of fine, cheap material at hand, shabby windows are inexcusable. No florists in the world have the chances given to the American florists. The glorious colors of our landscapes give us opportunities to create grand effects in our particular branch of decorative art, and we should take every advantage of them, not only in our orders, but in beautifying our stores. There is no form of advertising can equal a neat and artistic window. People carry photos of your fine work in their memories, and you can never estimate the returns.

Arrange some of your stock in the window in a way that will show your ability. It is not necessary to wire or stem such; you can fix it and still sell from it. A hotch-potch, mixed window seldom looks creditable; it looks as if you had just that lot of flowers to sell and didn't know how to arrange them. We would rather have one lady or gentleman pass our window and admire some finely arranged vase or basket of flowers than to have a dozen go

by and merely see that we kept a florist store, because a thing of beauty is not only a joy forever, but it's a magnet for trade.

Very little made-up work is displayed in American windows of late years, unless in the poorer stores, where we still behold the dried flowers and metal samples of architecture. You pay big rent, you have ability; then try to make your place look different from the peddler's sidewalk stand.

Winter Window Boxes.

Now about winter window boxes and vases. Perhaps you have noticed that exterior plant decorations, or the use of evergreen shrubs in the city during winter is increasing every year, and no matter what part of the city you are in, you can push on the good work. This is the time of the year to do it, and mind you, there should be the same care in planting a vase or box as you would use in putting the shrub out in the garden to live. It will be better for you to avoid imported conifers. You will find stock cheap enough in your nearby nurseries, and instruct them to leave plenty of soil on and keep the roots moist. Use good soil, for if the work is not done right the shrubs soon turn brown and die. They should be solidly planted and kept watered until frost hardens the soil.

Cupressus and one or two of the retinosporas are not hardy in the north, but almost all the other varieties of evergreens will stand our severest weather, and a proper use of them

will give much pleasure in the cold days of winter. For vases, Norway spruce are perhaps used more than anything else, though hemlock, retinosporas and piceas look fine, too. It is better to use only one variety, one specimen, if possible, in each vase, and all need not be alike. In the case of window boxes, you can show your talent in arranging colors, for you know there are several colored conifers admirably suited for this purpose.

Suppose we fix a box. First we put in our pot-grown ivy or *euonymus radicans* (newly dug vines drop their leaves), then we put in the end pieces, which are Irish yews or junipers about 2½ feet high; next comes the front row of small *Retinospora obtusa nana*, then a row of *R. plumosa aurea* or *Biota elegantissima*, and round off the back with *R. lycopodioides* or *R. squarrosa*.

The plants in a window box, except the end pieces, should never be higher than twelve or eighteen inches, and the back should be pretty as well as the front. If all green is wanted, small *Thuja Hoveyii* make up handsome. *Retinospora ericoides* is a lovely wine-colored shrub, but it rusts, and snow knocks it out of shape.

There will be a lot of small beds to fix and formal arrangements look the best; that is, solid grouping with distinct lines of color. Your center or side can be a tall *Thuja pyramidalis*, a juniper or golden arbor vitae. A well-trained *Retinospora filifera* or *R. squarrosa* look beautiful in a vase.

The planting of evergreens for winter decoration is a branch of our business that is not properly pushed. There is money in it, and you will notice that the leading architects make provisions for these exterior decorations, many of which are neglected, we think, because the florist ignores them. We are too prone to devote all our attention to cut flowers and greenhouse stock. The nursery ought to be attended to also. Many times we see conservatories and corners which are too cold for palms go empty and dismal for the sake of some one failing to suggest a collection of evergreens. What with such things as *Sciadopitys verticillata*, *Laurus nobilis*, *cryptomerias*, *podocarpus*, *Ilex crenata*, *euonymus*, and the whole army of Oriental shrubs, you can make a cold hall or house look as bright and as interesting as if filled with tropical gems.

Market Fluctuations.

It's strange how crops shorten up in some cities, and whew! how the prices go sky high! You cannot convince a grower or wholesaler that you dare not raise the price the same as they do sometimes, and have to tide over the shortness with small profits. Last week the Boston florists paid 4 cents for very ordinary carnations, and the week before that there was a small famine of flowers in Chicago. New York had more than was wanted of



Selaginella Viticulosa.

everything and quite some shipping was done.

While we're speaking of shipping, let us tell you that about the best way to ship orchids is to fasten them to the box, bottom and sides if you like, with double headed tacks or wire staples. Use cotton or paper to prevent damage to stem. This keeps the flowers from getting spoiled by rough handling in transit. You should not ship any flowers by express in a pasteboard box, because they invariably get broken and the flowers are ruined. Use clean, new, light wooden boxes, specially made, stencil your name on them or wrap them in stiff paper. Don't pack your flowers with a view to their looking fine at your end; the principal thing is to have them look beautiful when they are unpacked at the other end, and in order to accomplish this it is necessary to dispense with artistic arrangements. A neat, substantial box, nicely marked, is a traveling advertisement for you.

Miscellaneous.

We notice that imported manufactured palms are dutiable at 30 per cent. We would like to see it 130. There is no doubt about it, these painted manufactured palms have done and are doing a vast amount of harm to the American plant trade. The matter is deserving of the attention of every florist. The country is flooded with them, and if you don't ridicule them to your customers and take steps to discourage their importation, you will have cause to regret it. Some will say that the American people have no use for artificial plants. That's true; the best element has none, but here are two facts.

At one time a dealer in these goods exhibited in a Broadway window a certificate of merit for prepared palms given by the horticultural section of the American Institute. That certifi-

cate was signed by the editor of a horticultural paper—a nice way to encourage horticulture. At the present time a flashy florist's store on Broadway is decorated with these preserved palms. Truly we need to educate some in the profession, as well as the general public.

We have before us a vase of the beautiful new red rose Liberty. You will not be able to offer this rose to your customers before next fall, but it's grand and will have a great effect in floral art. It is lighter than the Meteor, is sweet, keeps well, and the foliage and stem are all that is wanted. We don't know anything about its growing and productiveness, but judging it as we see it here now, you will all want it, and there'll be plenty of money in it, too. Red roses are very popular in this country. Liberty is the best of them all.

Take an active part in the flower shows. Let us have the retail part of them properly representative. If you're afraid of being defeated, then show in the non-competitive class. A well made design or a pretty decorative idea exhibited at the show will bring you trade. Never mind the schedule if it fails to appeal to you; show something, but let it be your very best.

We are glad to be able to tell you that a few of the artists of New York are considering plans for the formation of a Society of Floral artists, and it is hoped they will be able to make an interesting display at the convention next August. The society will be exclusive, yet thoroughly representative of the country and the art.

Cosmos is late this year; looks as if it was fed too much.

Be sure to have a stock of white polyanthus and the common yellow primrose for next Easter. They will sell well.

Keep your eye open for a lot of

good flowering shrubs to force this winter. They go well at Christmas.

Caroline Testout is a lovely rose for fine work; there is no pink like it; encourage its cultivation.

We always like the real thing, but it isn't always available. If you cannot get laurel leaves for your wreath, use leucothoe foliage; very few will notice the difference; the wreath illustrated last week was made of it.

Large Boston ferns are bringing good prices. There are several new palms out, but the retailer will not be able to touch them for some time.

Very broad lustered taffeta silk ribbons will be all the go this season. We notice some gauze and fancy stripes being used, but it is left over stock and looks bad compared to the other.

Fancy hamper baskets tied with ribbon bows are shown in the Broadway windows. They look pretty, but come high.

We notice a tendency to discard many beautiful things because they are either cheap or have become plentiful, or are even used by a rival; the mad desire to be different causes many a foolish transaction.

High bows of taffeta ribbon tied near the end of white cut flower boxes makes one window look very Frenchy. Some ladies like the boxes tied with broad ribbon this way; it is only put one way round.

Special colors in tissue paper are being used, just to match whatever flower is in the box. IVERA.

SOME NOTES ON AN EUROPEAN TRIP.

Revisiting the scenes of former horticultural activities after but a few years' absence one does not note many material changes of practice, but assuming that Europe points the way in many matters horticultural it follows as a natural sequence one must see something worth talking about. Our worthy editor assumes this anyway and follows on with a request for some notes on my recent trip.

"Procrastination is the thief of time," was hung conspicuous upon the wall of the village school I first attended and thanks to my procrastination in responding to the editorial request a brother in the craft who has been over much the same ground catches the reader's eye and writes first some things that the present writer intended to write. See Mr. S. S. Bain's remarks in The Review of Sept. 28. Comparisons are said to be odious and indeed they are along the lines referred to and enlarged upon by Mr. Bain in regard to the appearances of the country at large.

It was a jolly party that filled the railway carriage that bore us from Liverpool to London, Americans predominating, and whilst personally I thought the country never looked more smiling, more luxuriously fertile to my eyes, the comments of those who were viewing the scene for the first time were laudatory in the extreme.

They may be summed up completely in one very short sentence. "This English country looks like one great garden," as indeed it does, and is but a natural consequence of long settlement, close population, and intensive cultivation of small areas. The desire to grow something is inherent in the people and the humblest cottager avails himself of every square yard of ground allowed him whilst the owner or tiller of broad acres suffers none to go unproductive.

However, I was not asked to prate about natural beauties that have resulted from art working in harmony, and sympathy, with nature, so cease my dissertations along these lines.

My first visit horticulturally was to the renowned fruit nurseries of Thomas Rivers & Sons at Sawbridge-worth in Hertfordshire, the object of my quest trees of those two superb early nectarines, namely, Cardinal, and Early Rivers, in the raising of which if the late Mr. Rivers had raised naught else he had left us a valuable living memorial of his work, two grand varieties that prolong the season of this delicious fruit at the most desirable end by ripening more than two weeks in advance of any varieties hitherto extant.

I saw much that was intensely interesting though for this country not of sufficient importance to describe in full detail, in the large orchard houses filled with fruit trees in pots, evincing the most magnificent culture of peaches, nectarines, apricots, cherries, plums, apples, pears, etc. In looking round the outdoor fruit quarters too it is worthy of mention that I saw and ate some of the first of the season's ripe plums from the original tree of the variety Early Rivers, which was raised here and is now grown by millions in orchards. The tree, as may be imagined, is one of the cherished denizens of the place and has not lacked care for the label upon it bore the date of its origination, 1834, and still healthy and fruitful in its old age.

A few hours were spent at Waltham Cross, the main object to secure if possible some Tea roses on their own roots of varieties that have been found to do well here in beds outside during summer and fall.

There could be no better place than the old long established nurseries of William Paul & Son at the above mentioned town to refresh one's rose knowledge and generally speaking bring it up to date in rose matters. It was delightful to once more roam over this large nursery where roses in hundreds of varieties are grown in thousands of each, but again this aspect of rose culture is essentially European, and it was with feelings somewhat envious that we surveyed and admired the display, such open a perfection of the Queen of Flowers being denied us by climatic limitations on this side of the water.

Our American rose culture under glass has no parallel in any land, but to see all the variety, and enjoy the

exceeding fulness of rose beauty, you must go to a rose nursery such as this in the month of July. The picture points a moral too for why with all this existent variety is rose culture here confined to so few kinds that you can number them upon the fingers of one hand?

Mr. Paul still cherishes the now more or less despised camellia and he has a large stock of fine specimens 10 to 15 feet in height and in perfect shape, growing in tubs. Some day they will be wanted for so handsome an evergreen flowering plant can hardly be perpetually subjected to disapprobation. As a matter of fact, there is evidence of the camellia's return to popular favor, for large stocks of young plants were seen in places where a few years back you could not find a plant.

Contiguous to Waltham Cross is Broxbourne, where the Rochford Brothers have covered more acres than they know of with range upon range of commercial glass. The best part of a day was spent in the Turford Hall establishment, where the presiding genius is Mr. Thomas Rochford. I do not use the term "presiding genius" inadvisedly, for someone has defined genius as "an infinite capacity for taking pains," and with all his army of assistants about him you find nevertheless that Mr. Rochford is in close touch with all that is going on in his immense aggregation of glass that covers 1,200,000 square feet, and not only in touch, but as he pilots you through the labyrinth of ranges you cannot fail to note how lightly the burden of his immense interests rests upon him.

The general order and neatness that prevailed everywhere, were features here, showing that it pays to be tidy. Even the roads between the different blocks of houses were being sprinkled to keep down dust that otherwise would be blown into the houses, with bad results to the immense crops of grapes, a crop by the way, of some importance here, for we gathered from Mr. Rochford that his annual output of these alone is 80 tons. To attempt to give any detailed account of the stock one would need spend several days there taking notes as the result of a cursory glance in the course of a rapid run round leaves the mind in a state of bewilderment.

Palms and ferns form immense stocks in all kinds and sizes, whilst whole blocks of tomatoes are succeeded by chrysanthemums grown in pots, and these followed by bulbous stock innumerable. Mr. Rochford was building himself a small cold storage place 80 feet by 60 feet at the time, and his need of the same was apparent when one saw the huge stacks of cases of bulbs then arriving. His annual consumption of lily of the valley alone is 6,000,000, and this but one item among the many; for the variety of material that "goes" in the London markets knows no limit but that of adaptability.

Quite recently Mr. Rochford has

turned his attention to orchids as commercial cut flowers, and as with everything he takes in hand so with orchids, in a very short period he has got together an immense stock which entirely fills a block of about 18 houses, each house nearly 150 feet long. *Odontoglossum crispum* tops the list to the number of 100,000 plants, whilst a house of *Dendrobium Phalaenopsis*: *Schroederianum* containing 12,000 plants, all hanging from the roof as thickly as it is possible to hang them, was a remarkable example of good culture.

I asked Mr. Rochford how many names he had on his payroll at that time, which by the way was not the busiest season of the year, and he replied over 200.

After Broxbourne with its acres of glass we take a glance at Woking, and in company with Mr. Anthony Waterer discuss rhododendrons, azaleas and hardy evergreens. Those beautiful golden and silver hollies and many other lovely evergreens which the severity of our climate here denies us seemed even more beautiful upon renewing acquaintance with them after the lapse of a few years. Mr. Waterer knows well the rhododendrons that will withstand the rigors of an American winter, and is well equipped to supply them for nowhere else can such a magnificent and extensive stock be found.

Whilst going the rounds Mr. Waterer points with pride to the original plant of *Rhododendron Catawbiense*, introduced from America, and a noble specimen it is, 10 feet high, even more in diameter, a perfect mass of luxuriant leafage. It is from this species that our hardiest varieties have been obtained.

A trip to St. Albans concluded the itinerary of my English visits. It goes without saying that a visit to F. Sander & Co.'s establishment is always time well spent, for the place is a model of propriety and good keeping. Orchids predominate here but the month of August is about the worst in the whole year for finding much in flower and on this occasion was no exception to the rule. The work of raising seedlings, however, goes on apace, and houses filled entirely with seedling plants were full of promise for the future.

Among the new and rare plants were many of interest and beauty, especially for private collections, but the new all round commercial plant comes rarely. *Dracaena Godeffiana* with its handsome mottled leaves is quite unique and should find many admirers when its beauty and merit are better known. *Pandanus Sanderiana* too we may expect to become as popular as its silvery counterpart, *P. Veitchii*, the white stripe of the last named being yellow in the new variety.

Two classes of plants to which fine additions have been made at St. Albans are begonias and sonerillas. Mr. Sander's aim in begonias was a race that would combine the pretty leafage of the *B. Rex* type with more free

blooming qualities, and by crossing B. Socotrana with some of the Rex varieties he has secured varieties that are a marked advance in the desired direction. The influence of B. Socotrana has been considerable, tending to improve the habit of the plants, somewhat diminish the size of the leaves, whilst the flowers coming during the winter months particularly commend this race of begonias to favor. Some of the best of this race are Winter Queen, Winter Perfection, Winter Beauty, Winter Jewel, Winter Cheer, and Winter Favorite. In common with begonias generally they are not plants that will withstand rough handling, but it would appear as if they should take here when well grown and shown for none could fail to admire them.

Another distinct set of begonias Mr. Sander calls pillar varieties because of their tall growth and adaptability for training up pillars. They combine beautiful foliage with showy bloom, and one can see possibilities in them for winter pot plants. They form a royal set, being named after the Queen and members of the Royal Family, but aside from their names they are of truly regal beauty.

It is possibly useless to commend sonerillas to growers here but one cannot fail to note what vast improvements have been made, and the St. Albans set are jewel plants in the fullest sense, marvels of exquisite leaf coloring.

Caladium Albanense, quite a new plant, I saw in quantity, and this possibly will prove the progenitor of an entirely new series of varieties. Its leaves differ much in shape from those of the varieties we are familiar with, being somewhat sagittate or spear shaped, of a thick texture and strongly borne on stout stalks. In color the main body of the leaf is deep red which fades gradually to a greenish yellow at outer edge. Mr. Sander says it is as durable as a palm, and the leaves last well when used in a cut state, so that he predicts for it much usefulness on that account.

We leave the St. Albans establishment to see what Mr. Sander has been doing in Bruges, and en route traverse Kent, "the garden of England," noting by the way that hops were a magnificent crop this year. After four hours of the "choppy channel" we reach Ostend, thence to quaint old Bruges for the night so as to have a full day on the morrow, for we hear incidentally that the Bruges establishment has grown somewhat the past four years. It has in truth grown prodigious, a veritable plant manufactory, turning out its products in bewildering numbers.

To our right upon entering we see the azalea field, six acres of ground standing thick with plants, a solid sheet of verdure broken only by the essential paths for attending to the plants, and such perfect culture that not a mean or unhealthy plant is visible anywhere. Azaleas are one of the specialties of the Bruges nursery, and

the annual output at present is 100,000 plants. They are grown in the full sun in pure leaf-mould, planted in beds of about five feet in width, with narrow alleys between. The plants are planted out at the end of April, and remain till October, when those sold are lifted and packed for shipment whilst the young stock for growing on is noused in a long range of low houses parallel to the planting ground.

Bays are another specialty, and when you get to the Bay quarter you can see nothing else. They have nearly 30,000 of them in all sizes from infants in the early stages of training up to giants of noble proportions, marvelous examples of skillful culture. The acme of perfection is seen in some grand standards that have perfect heads eight feet horizontal and seven feet perpendicular in diameter.

After the Bays we start on a round of inspection of the hundred or more houses devoted to palms, orchids and a variety of decorative plants, all the indoor stock manifesting the same fine culture.

It required a day to get acquainted with the place, and it was the best spent day of the whole trip, whilst the next best was the following when with Mr. Sander as guide visits were paid to the fine orchid collections of Jules Hye at Ghent, and the Peeters and De-Landre places at Brussels, where we saw the new system of growing orchids in leaf-mould, and as exemplified by the quality of the stock, these growers certainly now have no more use for peat.

The 50,000 odontoglossums seen in the Peeters establishment have left an impression that will ever remain, and this of the growing plants alone. It was hard to realize that such markedly superior results had come about through a radical departure from past practices, and what had hitherto been considered the correct culture, but a progressive state is a healthy state that trends to the advancement of knowledge. A. HERRINGTON.

Madison, N. J.

BUFFALO.

Since the cold, wet spell end of September we have been enjoying most delightful weather. October has kept up her reputation for being the most charming month of the whole year. May has the ecstasy of youth but October has the ripe, rich maturity of age without the destroying frosts of December.

For two weeks, or until the advent of the "mums," flowers, except roses, were very scarce and it was hard to find material for the cheap cemetery bouquets, much more difficult than it was to serve the customer who asks for Beauties, or any other first class rose.

It is too early to say how chrysanthemums are going to sell. They are awfully useful anyway, even if we don't get a fancy price for them, and to those who can fill up their benches

directly with other stock they must be profitable.

Carnations are increasing in quantity and quality every day and have brought a better price this autumn than for a long time.

It looks as if we would be well off for violets this year. They are not yet quite up to winter standard but Mr. Stroh, of Attica, is sending very fine flowers.

We were down at Lockport one fine day lately to witness a son play semi-professional ball. It was on that day which is a day of rest to nearly all but the florists, which people keep as a newly transported Parisian would call dreadfully slow, and an Edinboro Presbyterian "An awfu sinfu day."

We climbed the hill to Mr. Thomas Mansfield's home, where we found that he had plenty of work for the morrow. Mr. Mansfield made several improvements in his place and only needed a week or two of fine weather to be in good order. He had a particularly fine lot of carnations and his chrysanthemums, both in pots and on the benches, were very fine. And a large house of roses were growing in good style with the glass off, but that's a month ago.

A few hundred feet north of Mr. Mansfield's house you stand on the edge of the cliff and from there it suddenly drops almost to the level of Lake Ontario, and looking northward to Ontario you look over one of the greatest apple and peach orchards of the country. Lake Ontario must be 350 feet lower than Lake Erie, and all of it in a few short miles, and 160 feet of it in one leap at Niagara.

Business is most decidedly better than it was a year ago, and there is more confidence all around. The man who keeps the vital statistics always says that an increase of marriages is an indication of prosperity. The other two chief events of our lives are more involuntary, so prosperity must have struck us, for following the example of Mr. Adams, Mr. S. A. Anderson "has been and gone and done it." In more polished English he has entered the holy realms of wedlock. The other party to the contract is, or was, a beautiful daughter of one of our merchants, Miss Tracy. As Mr. Anderson has always been a model son and brother he will doubtless make a model husband and stop home evenings at least for the first year.

W. S. is building three propagating houses for the Pan-American, something that for heat and light will be equal to any houses, but as cheaply as they can be constructed, and they are going up with such rapidity and satisfaction to all concerned that it is likely he will put out his shingle soon, which will read something like this: "Commercial houses built while you wait; butted glass preferred."

Florists don't often go into politics for they are generally too conscientious and industrious, but it is their duty to, and our Wm. F. Kasting is nominated on the Democratic ticket

for select councilman, of which there are nine elected by the whole people. They are a sort of "House of Lords" and a check on the extravagance of the aldermen. The salary is \$1,000 a year, but it's not the salary, it's the honor, and if W. F. will study the interests of the tax payers as well as he has studied the economy of his private business we will vote for him and will ask others to do so regardless of his views on the tariff, pension, war or whiskey.

The government of our municipalities is the darkest spot on our country, and a disgrace to our civilization. The trouble is young America thinks it's the same the world over. It is not, decidedly not. Our cities for outstrip the cities of Europe in corruption and jobbery and commit these depredations under that horrible institution, party politics. With ninety per cent of aldermen and office holders they know nothing about principles or doctrines of party, and their knowledge and patriotism extends only to knowing whether they are in or out of office.

W. S.

NEW YORK.

The Putnam County Chrysanthemum Society is the newest society we have in New York State. Their first show will be held in the Town Hall, Cold Spring-on-Hudson, N. Y., Nov. 14 and 15. John A. Connolly is the secretary.

The trade auction sale held on Dressel's place last week was very successful. Large kentias sold cheap, but all other lines of stock brought big prices. A delegation went from the sale to Ernst Asmus' place to see the new rose Liberty. It is looking extra fine. A new range of houses is being built for the purpose of handling the enormous demand for the new rose.

The New York Gardeners' Society held their third annual "Potting Shed Swarry" at their rooms on Saturday night last. About fifty attended and it was representative enough to be a convention. Pres. Wm. Scott quickly dispensed with business and introduced Patrick O'Mara as master of ceremonies for the night. Auctioneer John P. Cleary presided over the piano, and Robert Angus handled the violin, both gentlemen showing great skill. Wm. S. Summers showed the boys how to dance the Highland Fling, whilst Geo. Smith, Alfred Dimmock and others sang sweetest songs.

There was a long list of toasts on the program and O'Mara as usual knew how to set everyone moving. "The New York Botanical Society" was responded to by the veteran Samuel Henshaw, head gardener to the institution; John Shore spoke for "The Westchester Co. Gardeners' Society;" W. A. Manda, for "The New York Florists' Club;" T. Cockburn, for "The Tarrytown Horticultural Society;" Frank Hamilton, for "The City Gardeners' Club;" Joseph Davis, for "The New Jersey Floricultural Society;" Richard Grigg, for "The Put-

nam Co. Society;" J. W. Withers, "The Horticultural Press; J. I. Donlan, for "Floral Art;" and Alfred Dimmock, for "European Horticulture." It was a pleasure to meet and listen to such a gathering and all felt that though the New York Gardeners' Society may be poor in funds it has done what all other societies have failed to do.

The matter of a grand horticultural show in this city next August was duly discussed and approved of, but the heart note of all the speakers struck the one point that if the Society of American Florists is not remodeled, a new national society that will recognize horticulture in its broadest sense will be organized in the near future.

Ernst Asmus sent a vase of the new rose Liberty, which received the Society's certificate of merit. Honorable mention was given to those who supplied the table flowers, among whom were Robert Angus, Richard Griggs, and Wm. Bartholomae. The society will meet on the third Saturday in November instead of the second, on account of the Tarrytown show.

We congratulate the New York Florists' Club on its deciding to have a horticultural show. Now gentlemen, you asked all the local societies to assist you in bringing the convention here; ask them now to organize a committee to get up a schedule and make the show a success. The preliminary schedule should be out soon that these men may put it before their employees. "Collections" of the different things means trade to seedsmen and plantmen. Make the affair grand and general.

Bowling Oct. 16.

F. Traendly ..	105	109	103
A. Burns ..	145	147	153
W. Burns ..	77	84	79
C. Schenck ..	123	121	132
J. Withers ..	121	146	148
W. Marshall ..	144	153	153
W. Siebrecht ..	155	122	147
J. Lang ..	66	87	...
W. Bartholomae ..	127	156	138

IVERA.

PHILADELPHIA.

Trade has been good the past week exceeding that of the previous week by far. Some of the leading stores report transient trade as having played a very important part in the rush together with a number of wedding decorations and considerable funeral work.

The prices during the week have been as follows: Beauties, \$1 to \$4 per doz.; Brides, Maids, Meteors, Pearls, Gontiers, \$3 to \$5 per 100; Kaiserins, \$4 to \$6; Morgans, \$3 to \$4; Cochet, white and pink, \$4 to \$5; carnations, \$1 to \$2.50 per 100; chrysanthemums, \$2 per doz.; valley \$3 to \$5 per 100; double violets, 75 cents per 100; asparagus, 50 cents; smilax, 15 cents; adiantum, \$1.

Various Items.

Geo. E. Campbell, 3601 Germantown avenue, is ready for the early chrysanthemum show, having in shape six sorts, six of a kind. He does not know where the show is to be held but says that if in New York the man from the

so-called "slow-town" will make some of the up-to-date people hustle for the prize.

Albert Woltemate has just completed an addition to his store. Mr. Woltemate is one of those who is preparing for a good season's business.

Jos. Kift & Son's show window is handsomely decorated with Adiantum rhodophyllum showing the young red foliage, some larger cuneatums and Cocos Weddelliana which are arranged to represent a fort. The work was well done and attracted a great deal of attention.

Godfrey Aschmann, 1012 Ontario street, has returned from a two months' European trip.

Mr. P. F. Hemer, who for the past seven years has been with H. A. Dreer, has resigned his position. Peter's departure is regretted by his many friends.

Mr. Henri Vander Stroeten, Bruges, Belgium, is in the city attending the National Export Exposition. Mr. Vander Stroeten is an orchid grower and in company with Mr. Dregher will visit the principal establishments in this vicinity.

Mr. A. L. Berckmans, Augusta, Ga.; Mr. Thomas Reading, Hahoro, Pa., and Mr. G. W. Fitzer, Allentown, Pa., were recent visitors. R.

CHICAGO.

The Market.

Stock of all kinds is coming in much more freely and prices are correspondingly easier. Good flowers are bringing fair figures, but there are loads of poor grade stuff that is being sold at any old price. The carnation stringency has been most radically removed, and of violets the supply exceeds the demand at present writing, though quality is excellent. There are now plenty of roses and carnations to meet all demands.

Chrysanthemums are appearing freely in the markets and the blooms seem to sell very well.

Smilax is in unusually brisk demand.

The local retailers report business as only fair, and the best sales by the wholesalers are mainly on shipping orders, which hold up very well.

Various Items.

The regular quarterly meeting of the Horticultural Society of Chicago was held at the Sherman House last Saturday afternoon. Twenty-five new members were added to the roll, and the by-laws were changed so that future meetings will be held on Tuesday instead of Saturday. There was considerable discussion of details connected with the coming exhibition. A meeting of the executive committee will be held this Thursday.

The judges for the coming exhibition will be the same as last year, namely: A. Herrington, Madison, N. J.; Prof. J. F. Cowell, Buffalo, N. Y.; Emil Buettner, Chicago.

A regular meeting of the Florists' Club will be held to-morrow (Friday) evening, and as this is the meeting for the annual election of officers, a large attendance is expected. There will also be other matters of importance to receive attention.

The committee that arranged for the floral float in the fall festival parade will make a full report at this meeting. The total cost of the float was \$270.26, in addition to the donated material.

Recent visitors: B. Eschner, of M. Rice & Co., Philadelphia; Henry Smith, Grand Rapids, Mich.; Louis Bauscher, Freeport, Ill.; S. A. Baur, Erie, Pa.

Sweet peas from outside plants are one of the novelties of the season. The plants took on a new lease of life during the recent warm weather and are furnishing another crop of flowers.

Wm. Muir has opened a store at 47th street and Champlain avenue.

T. J. Corbrey is about to open a retail establishment at West Madison street and Albany avenue.

John Mangel has opened a branch store on 47th street and C. F. Klunder is in charge.

Wm. Kirkham has returned from his European trip.

Bowling.

Last Friday evening five members of the bowling club played a match game with a team from the West Madison street Club on the alleys of the latter, the florists winning by 173 pins. Following are the scores of the florists:

Winterson	187	156	181
Deguan	163	135	137
Hanson	187	137	106
Henderson	187	114	122
Asmus	153	215	200

BOSTON.

Various Items.

Boston has only simmered this week so far as flower trade is concerned but has naturally boiled over with patriotism. Dewey did not provoke the trade expected by many as there was nothing done except a magnificent decoration by Galvin at the rooms of the Algonquin Club and some little display at the admiral's rooms at the Touraine among which a grand bunch of two hundred American Beauties from the hands of Houghton & Clark was pre-eminent. It stood over six feet high, was jeweled by a small flag, an admiral's flag and many yards of ribbons. The "Daughters of the Revolution" were the donors.

The weather has been phenomenally summerlike, bringing out blossoms that were not due for two or three weeks with a great quantity of inferior ones, prices on that grade dropping fifty per cent. Chrysanthemums became altogether too plentiful to find a market at any fair figure.

Among the most striking window displays should be noted that of the Calder Floral Co., on Boylston street.

It consists simply of a thorough banking, or backing, of oak twigs now in their richest color and placed as perpendicular and smoothly as possible, in front of which appears a single vase of white chrysanthemums. The effect is good at any time but particularly so by electric light.

Two artists of Chapman Place have sent around invitations to their weddings in the near future; J. M. Cohen and Henry Penn. (Not to each other, however.) B. T.

ST. LOUIS.

The Market.

We are having very unusual weather for this time of the year. After a week of cool weather it has suddenly turned warm again and the effect is severely felt in the cut flower market. Roses are plentiful and only the choice stock bring top prices. Fair stock can be had in job lots and signs of "Roses 25 cents per dozen" are again seen in the windows of the florist.

Chrysanthemums have not yet been seen in this market. Other years we had them from the south long before this. The season has been very dry, but the end of the present week will no doubt find them in this city about as plentiful as roses.

Carnations are not plentiful by any means. Some are very fine, but the bulk of them are still short stemmed. Daybreak, Scott and all white are the best sellers. The demand is also good for reds. Violets are becoming more plentiful each day and are better in size and color. Californias sell well. The small singles are not called for as they were a few weeks ago. Good valley is also in demand at the same price as last week. Smilax is not extra good, but sells well. Prices on stock the past week were as follows: Meteors, Brides, Maids and Carnots, from \$3 to \$5; seconds went as job lots at \$10 per 1,000, Perles and Woottons, \$3 and \$4; Ammann's Perles bring \$5 for the best. Beauties, good long, \$2 and \$3 per dozen, shorts, 50 cents to \$1.50. Carnations, fancy, \$1.50 and \$2; others, \$1; these are short stemmed ones. Violets, California, 40 and 50 cents, small single, 25 cents; small single, 25 cents. Valley, \$4 and \$5; smilax, 15 cents per string; a few white asters, about the last, sold at \$1 per 100.

Club Meeting.

The October meeting of the Florists' Club was slimly attended. President Ammann opened the meeting at 3 p. m., with all the officers in their chairs. Some very important matters came up for discussion. One question was, "Shall we charge 50 cents or 25 cents admission to the show this year?" which was finally settled by making 50 cents the price. The other one was, "That no member shall receive his annual pass to the show unless he has paid his dues for this year."

This, after a long debate, was also passed. The members will have until the next meeting of the club, Nov. 9th, which is a few days before the show begins, in which to pay their dues. The different committees reported progress. The resignation of C. W. Wors as a member was accepted. Before adjournment President Ammann said that he would like to see a large attendance present at the next meeting, so don't forget it, brothers, and come. Nov. 9th is the date, the time is 3 o'clock, and the place is the same old place. We expect you all.

Various Notes.

H. Weber, of H. Weber & Sons, Oakland, Md., was a visitor in town the past week. Mr. Weber expects to show a large number of blooms at our coming show. Mr. Teilmann, of Marion, Ind., will also show some of his fine blooms this year.

The bowling club will to-night (Monday, Oct. 16th) roll its first games on Tate's new regulation alleys, on Fourth street, opposite court house. There are six alleys on the ground floor, and furnished in the latest style, the same as the ones we rolled on in Detroit. The club has decided to roll on these alleys during the winter months. The accommodations are of the best and the members will feel more at home.

Bowling.

The Bowling Club's rolling on the new alleys is as follows:

	1	2	3	4	Tot.	Av.
J. W. Kunz.....	191	146	145	153	575	144
C. A. Kuehn.....	129	186	196	136	543	137
J. J. Beneke.....	123	128	139	138	543	136
F. C. Weber.....	115	111	115	...	371	124
R. E. Tesson.....	130	82	...	...	212	106
F. H. Weber.....	106	...	...	...	196	106
C. Beyer	86	103	112	...	301	100
F. J. Fillmore.....	191	111	86	86	386	96

J. J. B.

OMAHA, NEB.

The annual meeting of the Nebraska and Iowa Florists' Society was held Thursday evening, Oct. 12, in the new hall, 1415 Farnham St. There was a good attendance and a very sociable time was had.

In the election of officers President J. J. Hess and Secretary L. Henderson were reelected. Sam Faulkner was elected Vice-President, and Joe Hadkinson Treasurer. The trustees are G. Swoboda, Paul Paulson and Wm. Ellsworth.

Secretary L. Henderson presented the following report:

"Officers and Members of the Nebraska and Iowa Florists' Society: It affords me pleasure to report to you the things that we have done and accomplished this year just ended, also mingled with the regret over things that we might have done, which we have not done. We have had eleven meetings, one each month with the exception of May and June, which months we had no meeting for lack of a quorum. These meetings have been fairly attended. We have also

had the pleasure of adding one new member to our fold. There seems to have been harmony among the members. Although we have had no made-up programs, and have confined ourselves strictly to business, still while so doing, it seems as if we have kept up the friendly feeling among us.

"We have stood up before the world a united Nebraska and Iowa Florists' Society. We have cherished with united efforts the interest of floriculture. When we look back to the past, from the time when we played with boyish glee at our mother's knee, how years have fast gone by; how we were scattered out to the winds of Heaven, some here and some there. Some have made their homes in one part of the country, others in other parts. We have met and made our homes here in Omaha. We have engaged in the same occupation, one which I consider one of the finest on earth, and in which I think we ought to take more pride, for it is an occupation to be looked up to instead of down upon. Flowers are not alone a luxury, but they are a necessity. They are not alone ornamental, but they are messengers of virtue, happiness and evidence of refinement and civilization.

"What is it that helps more to build up large cities than ornamental horticulture? As it refines the country and the surroundings, it spreads a feeling of something higher and most beautiful. Life's hard experiences soon enough harden our hearts, as it toughens our muscles. But we would be happier, accomplish more and have greater success in our efforts in spreading joy and sunshine to ourselves and fellowmen if we worked still more in harmony in helping each other along in our daily toils, and drank more of the sunshine of Heaven and the beauty of earth by which God has surrounded us.

The following resolution was adopted:

Whereas, It has been the will of Almighty God by the hand of death to take from our midst Mrs. John Edrer:

Resolved, That the members of the Nebraska and Iowa Florists' Society feel a personal grief in her death and a loss to the community.

Resolved, That we tender Mr. Edrer and family our sympathy with them in the sorrow they are called to bear.

Resolved, That these resolutions be spread on the minutes and a copy thereof be transmitted to the family of the deceased.

L. HENDERSON,
Secretary.

TARRYTOWN, N. Y.

We regret to say that Chas. Weise, gardener for W. W. Law, Sing Sing, N. Y., after a severe illness of nearly two months, died in Sing Sing hospital on Friday, the 6th inst. Mr. Weise was born at Preetz, Germany, thirty-eight years ago, where he learned his business, and, as is the custom of his country, served his time in the German army. He came to this country thirteen years ago, and for some time worked with Mr. Meisner, at Flatbush, N. Y., then with Mrs. J. B. Trevors

Yonkers, N. Y. For the past ten years he has been in Mr. Law's service.

When Mr. Law purchased the Briarcliff Farms at Sing Sing, some time ago, they were then in an un reclaimed condition. The place where the beautiful residence and extensive grounds and greenhouses now are was literally covered with rock and scrub. The task of transforming this was an herculean one, and only those who knew the place formerly can appreciate fully the transformation that has taken place under the guiding hand of Mr. Weise.

He was one of the most energetic men we ever met, always hustling and devoted to his profession. He was always approachable and in one mood, sympathetic and obliging, ready with advice when asked, and open of heart and hand to fellow gardeners. He was a leading spirit in the Tarrytown Horticultural Society, where his presence will be greatly missed.

The church on the Briarcliff Farm, where the simple, impressive funeral service was held, was packed to the doors, which showed his popularity. A deputation from the Tarrytown Horticultural Society was amongst those present. There were many floral tributes. He leaves a widow and five young children, for whom the keenest sympathy is felt. JAS. T. SCOTT.

MADISON, N. J.

Club Notes.

Last Wednesday was open night with the members of the Morris County Gardeners' and Florists' Society, who had invited their friends to hear a lecture on the "Gardens, Fields and Flowers of Japan," by Mr. J. R. M. L. Farquhar, of Boston, and a most enjoyable evening was spent by all present.

The regular order of business was suspended, as President Duckham, in introducing the lecturer, remarked that the subject was an extensive one and Mr. Farquhar was prepared to utilize all the time that could be afforded him. The lantern was operated by Mr. James Farquhar, who flashed pictures upon the screen in rapid succession, nearly 200 being used in illustration of the subject. In lucid and glowing terms the lecturer spoke for an hour and a half upon the many aspects of vegetation in the "flowery land." The love of trees and flowers was inherent to the Japanese as a people. Not only did they care for the plants they grew, but they were equally careful to preserve the natural vegetation, and he was much impressed by one of the conditions upon his passport which stated that travelers must refrain from cutting or injuring the trees, shrubs and flowers they saw in passing through the country.

Tokyo is the greatest horticultural center of the country, and he was satisfied Mr. James Veitch did not exaggerate when he made the statement that the nurseries in the vicinity of

Tokyo exceeded the combined establishments of Boskoop, the bulb grounds of Holland, Ghent, and the seed grounds of Erfurt and Quedlingburg. Many of the nurseries made a specialty of one plant alone, as, for example, one would be solely devoted to *Cycas revoluta*, another to morning glories, a third to peonies, and so on. In a maple nursery he saw over eighty distinct varieties. The tree nurseries were most interesting to the traveler—full of specimens of quaint shapes, representing in some cases two or three centuries of careful training, but he questioned the possibility of these ever becoming popular outside of their own land, where a few weeks of neglect would ruin what had taken scores of years to accomplish.

A picture was shown of the most remarkable trained tree in Japan. It is in the form of a sailing junk, in full rig of sails, with a hull forty feet long and fifteen feet wide. The giant cryptomerias at Nikko were alone worthy of a visit to Japan, but wherever vegetation grew the traveler was sure to meet with plants familiar to his eye, so largely does the flora of Japan enter into the permanent adornment of our gardens here. The fields of *Caladium esculentum* and of lotus were striking features, both being largely grown and used as vegetables, whilst the ubiquitous bamboo, encountered everywhere, furnished food for sustenance in its young tender shoots, cooked and eaten like asparagus, clothing for the body as well, and in its matured canes, material for every kind of construction.

In general horticultural practice, he thought the Japanese were far behind us. They excel only in curious, fantastic training, an aspect of horticulture not, in his opinion, destined for great importance here. In fact, though Japan was, and would continue, a valuable source of supply for certain specialties she can advantageously produce, she would never become a serious rival in the American trade. A. H.

ST. JOHN, N. B.

Trade in this section of the country has been at a standstill the last three weeks although showing signs of improvement now. The thermometer registered 22 degrees on the 1st, which put an end to all outdoor stock. Roses and carnations in better demand.

The first mums of the season were on exhibition in the store of Mrs. W. H. Jones on the 9th inst. Midge, Mrs. H. Bergmann and Glory of the Pacific have been the varieties up to this date.

Wm. McLean has recently finished painting the inside of his houses and by the supply of coal on hand is well prepared for the coming winter.

Mrs. W. H. Jones has just built a new carnation house 16x110 and has the same planted with healthy stock. The demand for carnations exceeds the supply by great odds. Good smilax is scarce, but chrysanthemums and

violets are coming in more and more every day. Roses and carnations may receive a rest until the holiday season opens. E. J. S.

CINCINNATI.

The Cincinnati Florists' Society has issued a neatly printed program for the series of monthly exhibitions that will be held in the Jabez Elliott Flower Market beginning Nov. 11 and extending to April 21st. Some very good premiums are offered and brisk competition is looked for. Those interested may obtain copies by addressing Geo. S. Bartlett, Sec'y.

MINNEAPOLIS, MINN.

The Twin City Florists' Bowling Club, at their regular meeting on the 10th, made the following scores:

G. Will	181.	24	34.	Av.
Hoffe	192	163	175	177
E. Nagel	149	135	156	147
J. Monson	141	115	132	139
Ed. Swahn	133	130	153	139
H. Barsch	107	90	91	96

N.

FINE PERLES.—Mr. F. J. Ammann, Edwardsville, Ill., sends us a dozen or so blooms of Perle des Jardins rose that are certainly magnificent. We never saw better. No wonder they call him the "King of the Perle growers."

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Two young strong men, who have had two or more years' experience in greenhouse work as florists; salary \$12 per month and board; will advance in spring if satisfactory; please write all particulars so as not to delay. Poelmann Bros., Morton Grove, Ill.

SITUATION WANTED—Nine years experience, single, age 30, American. Address to care Florists' Review.

WANTED—Two experienced rose growers, must fully understand cutting and syringing roses. Also, wanted one man for firing steam boilers. Address H. Simpson, Edgely, Bucks Co., Pa.

WANTED—Single man to fire steam boiler and make himself useful around greenhouses. Steady place, \$20 with room and board to start, raise if suited. Sober and not afraid of work. J. M. Smely, Aurora, Ill.

WANTED—An A No. 1 American Beauty grower. Only a first-class grower that can show results is wanted. Don't apply unless you are a successful grower and have the credentials. M. Wieland, Evanston, Ill.

SITUATION WANTED—As foreman, capable of taking charge. 10 years' experience growing for the Chicago market. Roses and general stock, or could fill private place, references. Address Wm. Kirkham, Box 447, Maywood, Ill.

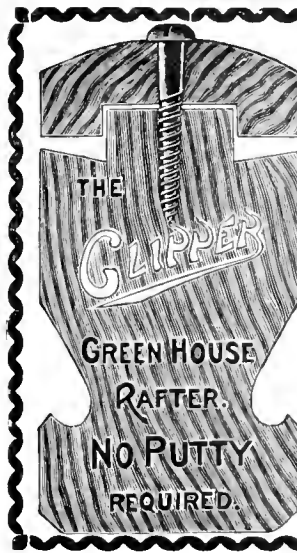
WANTED—Good live partner in well established wholesale and retail nursery, near St. Louis, to superintend grounds or take charge of agents. Death cause of selling one-fourth or half interest, \$3,000 cash, balance to be agreed upon. Address 20, care Florists' Review.

SITUATION WANTED—As assistant on private place by young man, four and a half years experience. Address Assistant, 660 North Broadway, Yonkers, N. Y.

FOR RENT—Six houses, steam heat, fully stocked. \$25 00 per month. A. J. Harms, Agt., Berteau and Western Aves., Chicago.

FOR SALE—A bargain, if taken at once. \$150.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

FOR SALE—Old established florist business, 638 Washington Street, Hoboken, N. J.



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This is no longer an experiment, it has come to stay. There are various ways of making Butted Roofs, but the best way is with the

Clipper Bar.

With this bar you can make a roof that is absolutely free from drip, and glass cannot be torn out by the wind. Butted glass makes a tight roof, a warm house and saves fuel. It lasts longer, looks better and costs less than the old-fashioned roof. But do not think that this is the only bar we sell, for it is not; we furnish what people want and there is nothing in greenhouse material that you cannot get from us, and all of open-air-dried Cypress clear of bright sap, stained sap, knots and all other defects.

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A THOUSAND DOLLAR PRIZE.

The Minnesota State Horticultural Society offers a premium of a thousand dollars for a seedling apple tree "as hardy and prolific as the Duchess," with fruit equal to "the Wealthy in size, quality and appearance, and that will keep as well as the Malinda." Full particulars can be had by addressing the secretary, Mr. A. W. Latham, 207 Kasota Block, Minneapolis, Minn.

E. G. Hill & Co.

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RICHMOND, INDIANA.

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PANSIES.

The Jennings' strain large flowering PLANTS now ready. All colors, finest mixed, by mail, 60c per 100; by express, \$1.00 per 100. SEED of above, \$1.00 per pkt., \$5.00 per oz. Cash with order. E. B. JENNINGS, Southport, Conn. Lock Box 254. GROWER OF THE FINEST PANSIES.

Herr's Pansies.

THE BEST IS WHAT YOU WANT, common Pansies are dear at any price. The "best florists" in the country are my customers, they will tell you there are no other Pansies quite as good as mine. Try them and you will say the same when they come into bloom.

PLANTS NOW AND UNTIL MARCH:
Free by mail at 75c per 100; 250 for \$1.50; 500 for \$2.50. By express, \$1.00 per 1,000.

ALBERT M. HERR, Lancaster, Pa.

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Zirngiebel Giant Pansy.

Seed is \$1.00 for trade pkt., or \$5.00 per oz. Also plants of the above at the same rate as common varieties, \$5.00 per 1,000, securely packed to go any distance. Large transplanted plants, for winter bloom, at \$2.00 per 100.

DENYS ZIRNGIEBEL, NEEDHAM, MASS. Mention The Review when you write.

PANSIES... WORTH RAISING

No more Plants before November 1 Seed as usual.

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C. H. A. AND S. A. F.

To the Editor Florists' Review:—Through press of business I had not seen the remarks of your New York correspondent, "The Rounder," concerning the next convention of the Canadian Horticultural Association until my attention was called to them a few days ago. It was agreed to hold the convention earlier next year simply because September (when it was held this year) was found to be too late for the convenience of the florists and because it was thought the attendance would be larger—nothing more than that entered the minds of those present. The actual date in August was not fixed.

I am sure all our boys whose pockets are sufficiently well lined would be glad to take part in the 1900 convention of the S. A. F. in New York and to join in the social festivities, and the C. H. A. would cordially welcome members of the S. A. F. who can make it convenient to attend its convention at Montreal, and I think I may also say on behalf of every member that the C. H. A. would be most happy at any time to receive the S. A. F. into its fold and thus "be all one."

A. H. EWING, Sec'y C. H. A.

RUBBER.

Editor Florists' Review:—Referring to article on Ficus by Wm. Scott in issue of October 5, I wish to take exception to the statement that florists are mistaken in informing their customers that Ficus elastica furnishes the rubber of commerce.

It is very true that it does not furnish all the supply of that valuable article, but being one of those who have often made the statement in question to my customers, I think I am borne out by Encyclopaedia Britannica, which says under article on India rubber: "Assam rubber is obtained from Ficus elastica." "The imports into Liverpool in 1879 were 7,000 cwts."

The best rubber, known as Para, and which we in this country use, is obtained from Hevea brasiliensis, the genus Hevea being formerly known as Siphonia. Mr. Scott would no doubt be correct in saying that Ficus elastica is not "the" plant which produces the rubber of commerce, and "our" rubber comes from Brazil. But I trust that The Florists' Manual will have a world wide circulation, and not only would the army of florists feel guilty of making false statements but the people of Assam, Asia, might feel slighted (?)

G. S. O

Hartford, Conn., Oct. 9.

NEWARK, N. J.—The New Jersey Floricultural Society held its first meeting of the season Oct. 4 and decided not to give a large exhibition this year, but to continue the plan of having a small display at each of the monthly meetings the same as last season.

40,000 'MUMS....

Between Oct. 10 and Christmas we shall market the entire cut of one of the largest growers about Chicago, 40,000 first-class flowers, A1 in every respect.

...THE VARIETIES...

- PINK—Glory of Pacific, Maud Dean, Mrs. E. G. Hill.
- YELLOW—Yellow Queen, Major Bonnaffon, Golden Wedding.
- WHITE—Fee du Champsaur, Mrs. Jerome Jones, Frank Hardy, W. H. Chadwick, Wanamaker, Mayflower, Ivory.

We are exclusively ROSE GROWERS and can supply the best qualities, including American Beauty, at all times.

We are also in a position to fill orders for the most popular varieties of CARNATIONS.

All orders shipped at market prices within two hours of receipt.

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5,000 Begonia Rex and 5,000 Primroses, EXTRA FINE.

POT PLANTS.

Farquhar Violets, 2½-inch.....	\$3.00 per 100	Primrose, Chinese, 2¼-in., Extra Fine	
Double White Stock, 2-inch.....	3.00 "	stram	\$3.00 per 100-
Forget-Me-Not (Winter Flowering),		Baby Primrose	6.00 "
2½-inch	4.00 "	Manettia bicolor, 3-in	6.00 "
Begonia Rex, assorted, 2¼-inch	4.00 "	GERANIUMS —2¼-in. Sweet Scented..	
2½-inch	6.00 "	Mrs. Pollock, Pansy	4.00 "
Lemon Verbena	\$3.00, \$4.00 and	Mrs. Parker	6.00 "
Impatiens Sultana, 2¼-inch	3.00 "	Happy Thought, 2½-in	4.00 "
		Silver Leaf, 2½-in	4.00 "

ROOTED CUTTINGS.

GERANIUMS —Assorted	\$1.50 per 100	GERANIUMS —Mme. Salleron	\$1.25 per 100-
Mixed	1.25 "	Freak of Nature	4.00 "
Mrs. Happy Thought, 3.00 "		Begonia Rex	2.00 "
Mrs. Pollock	2.00 "	" Incarnata Gigantea	2.00 "
Mrs. Parker	4.00 "	" Flowering	2.00 "
Silver Leaf, Rose Scent-		Impatiens Sultana	2.00 "
ed, Ivy	1.50 "	Manettia bicolor	2.00 "
		Forget-Me-Not (Winter Flowering) ..	2.00 "

Terms Cash or C. O. D.

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This offer only holds good as long as stock is unsold.

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- ROMAN HYACINTHS, fine stock
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Terms net cash with order.

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At our reduced prices you can grow better and cheaper plants in

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Send for our new price lists.

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September delivery and later.

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Send for Price List.

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2000 Wm. Scott 1000 Albertini

Strong Field Carnations
\$3.00 per hundred.

ROSES, Brides and Maids, 2 $\frac{1}{2}$ and 3-in. \$3.00 per hundred.
CUT SMILAX, 8 foot strings, \$15.00 per hundred.

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Fine field-grown plants. Hector, large scarlet, Evelina, very free white, \$5.00 per 100. \$50.00 per 100, 500 plants at 1000 rate.

H. WEBER & SONS, Oakland, Md.

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EXTRA STRONG BEGONIAS

Assorted Varieties, from 2-inch pots, to close at **\$1.75** Per 100

Pansies, Giant Trimardeau Strain	per 100, 50c;	per 1000, \$4.00
Bellis Perennis, Giant Red, Snowball	50c;	4.00
Geranium, Double New Life, 2-inch pots	per 100,	4.00
Heliotrope, Purple and White, 2-inch pots	"	2.00
Ageratum, Princess Pauline, 2-inch	"	2.00
Rose Geranium, 2-inch	"	2.00
Grevillea Robusta, 2-inch pots, strong	"	2.50

15 extra plants for every 100 ordered. Terms: cash or C. O. D.

HARDY HERBACEOUS PLANTS for Fall Planting.

Strong Clumps from 3 $\frac{1}{2}$ -inch pots, unless otherwise offered.

Achillea, "The Pearl"	100	500	Lobelia Cardinalis	100	500
Anemone Japonica (white)	\$1.00	\$18.00	Sweet William	4.00	18.00
Aquilegia, "Columbine"	5.00	23.00	Helianthus Multiflorus Plenus	4.00	18.00
Hardy Pinks, "Her Majesty," etc.	1.00	18.00	Japanese Iris, mixed sorts only	4.00	18.00
Caryopteris Mastacanthus	4.00	18.00	Lychnis Chalcedonica	4.00	18.00
Digitalis, a fine assortment	4.00	18.00	Bellis Perennis "Double Daisies"		
Statice Armeria (Sea Pink)	3.00	14.00	(White and Red)	1.00	4.00
Hibiscus, "Crimson Eye"	4.00	18.00	Astilbe Japonica	6.00	25.00
Myosotis Alpestris	3.00	14.00	Mountain Fleecy	4.00	18.00
Coreopsis Lanceolata	4.00	18.00	Hardy Phlox, 12 very fine varieties, extra strong	4.00	18.00
Gaillardia Grandiflora	4.00	18.00	Funkia Sieboldi, variegated	5.00	23.00
Candytuft Gibraltarica	5.00	23.00	Alyssum Saxatile Compacta	4.00	18.00
Eulalia Japonica	4.00	18.00	Rudbeckia, "Golden Glow"	4.00	18.00
Geum Atrosanguineum	5.00	23.00	Hollyhocks, (Yellow, Pink, Scarlet and White)	4.00	18.00
Lavender	4.00	18.00	(Hollyhocks are one year field-grown plants.)		
Matricaria (Double White)	4.00	18.00	Yucca Filamentosa	4.00	18.00
Delphinium Formosum (Blue)	4.00	18.00			
Scabiosa Caucasicca	5.00	23.00			
Campaula Pyramidalis	4.00	18.00			

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THE FINEST COLLECTION IN AMERICA.

A Set of Selected Double Bedders.

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A Set of Selected Mammoth Fancy Singles.

A Striking Set of Ivy Leaved Varieties.

A Full Line of the Introductions of 1899 in all the above sections.

A Full Line of Selected Standard Bedders.

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Our Carnations are very fine. They have been grown with the greatest care, free from disease, and packed by our improved system of packing by which we can send to all parts of the United States in perfect condition.

MAYOR PINGREE	BUTTERCUP	} \$5.00	C. A. DANA	ARMAZINDY
CRIMSON SPORT	DAYBREAK		STORM KING	JUBILEE
METEOR	CAP KING		ALBERTINI	ELDORADO
PORTIA	ALASKA		SWEET BRIER	IVORY
WM. SCOTT	MRS. FISHER		MCGOWAN	L. L. LAMBORN

PANSY PLANTS. Grown from extra choice seed of our own production and not surpassed in variety, size, beauty of coloring and freedom of flower by any others grown. 50 cents per hundred. \$1.00 per thousand.

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"TIME is money." You can save it by consulting The Review's classified ads. when in need of stock.

CHRYSANTHEMUM SOCIETY OF AMERICA.

The committees judging seedling chrysanthemums will now be in session every Saturday to and including Nov. 25th. Exhibitors should make their entries (for which a fee of two dollars is charged for each variety entered) to the secretary not later than Tuesday of the week they are to be shown.

All exhibits forwarded to the following addresses (express charges prepaid) will receive careful consideration:

Boston, Mass.—A. H. Fewkes, Horticultural Hall, Tremont street.

New York, N. Y.—E. Daillidouze, care New York Cut Flower Co., 119 West Twenty-third street.

Philadelphia, Pa.—A. B. Cartledge, 1514 Chestnut street.

Cincinnati, O.—R. Witterstaetter, care Cincinnati Cut Flower Co., corner Fourth and Walnut streets.

Chicago, Ill.—C. W. Johnson, care Illinois Cut Flower Co., 51 Wabash avenue.

ELMER D. SMITH, Sec'y.

CHRYSANTHEMUM SOCIETY'S SILVER CUP.

The officers of the Chrysanthemum Society of America have decided to award a silver cup (valued at \$20.00) to the seedling which averages the highest number of points. To be eligible in this contest, the seedling must be shown to at least three committees, and from their scoring an average will be made. ELMER D. SMITH, Secretary.

GRAND RAPIDS, MICH.

We are enjoying a streak of most beautiful weather, an ideal Indian summer. Violets are coming out fast and mums, such as Bergmann and Glory of Pacific are in their prime, but will soon be superseded by Ivory and other standard varieties, which are now showing color fast. Roses have been very plentiful, the warm sunny days have brought them out in profusion. Carnations are none too plentiful and white and Daybreak scarce. The demand seems to run to these two varieties.

Daybreak is still the standard light pink carnation, and judging by the sales and continuous demand for it, the variety promises to hold the trade for many years to come, unless its sport, Mme. Chapman, becomes more popular.

Carnations are 25, 35 and 50 cents per doz. according to quality. American Beauties, \$2.50 to \$3.00 per doz.; other roses 75 cents to \$1; mums, \$1 to \$2.

Henry Smith has just started a new greenhouse for carnations, it will be partially finished this fall, as far as the glass he has left over will complete it, and be finished in the spring.

GEO. F. CRABB.

E. H. HUNT

THE "OLD RELIABLE" FOR

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Hunt's Flowers Go Everywhere.

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800,000 feet of Glass. Headquarters for fine AMERICAN BEAUTIES.

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J. A. BUDLONG,

37-39 Randolph St., CHICAGO, ILL.

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WHOLESALE AND COMMISSION Florists. Consignments Solicited.

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WIETOR BROS.

Wholesale Growers of Cut Flowers.

All telegraph and telephone orders given prompt attention.

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Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Florists' Designs. A full line of supplies always on hand. Write for catalogue and prices

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WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

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ELLISON & TESSON,

WHOLESALE SHIPPING

FLORISTS

3134 Olive Street, ST. LOUIS, MO. ...Home Grown Stock...

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Cincinnati Cut Flower Co.

416 Walnut St. Wholesale Florists CINCINNATI, O.

Consignments Solicited. Special Attention Given to Shipping Orders.

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Nymphae Dahlias

Strong Roots, \$3.00 and \$5.00 per 100
Coreopsis Lanceolata, from field, \$2.00 per 100
Carex Japonica Variegata, strong plant for propagating, \$5.00 per 100

W. P. CARRE, Florist, Mantua, N. J.

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REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of WIRE & DESIGNS and Dealers in

..... FLORISTS' & SUPPLIES

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We are now gathering our new

Sphagnum Moss

for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.

Z. K. JEWETT & CO., SPARTA, WIS.

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Kennicott Bros. Company,

WHOLESALE CUT FLOWERS

AND FLORISTS' SUPPLIES

42-44 E. Randolph Street, Chicago, Ill.

Long Distance Telephone,
Express 466.

PRICE LIST, OCT. 16, 1899.

	Per dozen.
Am. Beauties, long	\$2.50 to \$3.50
" medium	1.50 2.00
" short .....	.75 1.25
	Per hundred.
Meteors	\$3.00 to \$5.00
Brides	3.00 5.00
Maids	3.00 5.00
Perles	2.00 4.00
Carnations	1.50 2.00
Violets	1.25
Smilax, fine	15.00
Adiantum .....	.75 1.00
Valley	1.00 5.00
Common Ferns, selected for us, per thousand	2.00 25

Above prices are subject to change without
notice. P. and D. at cost.

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Asparagus Sprengerii,

2½-in. pots	per 100, \$6.00
ASPARAGUS TENUISSIMUS, 2½-in. pots, ..	4.00
CAREA VARIEGATA, ..	5.00
GREVILLEA ROBUSTA, 2½-in. pots, ..	5.00
VIOLETS , extra strong field-grown clumps of PRINCESS OF WALES	per 100, \$8.00
CALIFORNIA	5.00

All of the above plants are in fine condition and
are sure to give satisfaction.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

CABBAGE PLANTS Field grown, 15c
per 100, \$1.00 per
1000; if by mail, add 10c per 100. Write
for prices on large lots for fall planting.

Lettuce. Boston Market, Tennis Ball,
Curled Simpson, Grand Rapids
and other varieties, field grown, 15c per 100;
\$1.00 per 1000. If by mail, add 10c per 100.

Parsley. Strong plants, 35c per 100, \$2.50 per
1000; if by mail, add 20c per 100.
Other Vegetable plants in season. Cash with order.

R. VINCENT, Jr. & SON, White Marsh, Md.
Mention The Review when you write.

Edmund M. Wood & Co. NATICK, MASS.

Sole control of

...LIBERTY ROSE...

for New England States.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES

We have the
LARGEST WHOLESALE
House in Chicago.

Orchids, High-Grade Roses,
Carnations and Violets.

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

....PUT IN YOUR STOCK OF....

Palms and Ferns NOW

We have a fine and large stock in popular sizes. Send for our list.

Use Our Improved Cut Flower Box.

Sample box, with list of sizes and cuts, mailed free.

ELLIS & POLLWORTH,

MILWAUKEE, WIS.

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51 Wabash Ave., Chicago.

W. S. HEFFRON, Mgr.



FANCY

DAGGER

HARDY CUT FERNS

In 1000 lots, 75c per M. Discount on larger orders.
Also dealer in Sphagnum Moss, Bouquet
Green, Christmas Trees, etc., etc.

L. B. BRAGUE, - Hinsdale, Mass.

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GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

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SMITH & SMITH,

Box 337 Sixth Ave. Pittsburg, Pa.
869.

BROKERS IN

Greenhouse Real Estate,
and Pipe, Glass,
Fittings, and other
Greenhouse construction
material.

We have an exceedingly good bargain---
Suburban Greenhouses and City Store-
room. Write for particulars and price.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We
have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.

WE ARE NOW CUTTING

New Brides, Maids and Beauties.

Write !

GEO. A. KUHL, PEKIN, ILL.

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Florists' Review

When Writing Advertisers.

HARTFORD, CONN.

The Connecticut Horticultural Society will hold a chrysanthemum and carnation exhibition in Putnam Phalanx Armory, Hartford, Conn., Nov. 13, 14, 15 and 16. The society has largely increased its carnation schedule, and, judging from the past, know it is decidedly to the advantage of dealers to get the advertisement due to good exhibits of carnations and chrysanthemums at their exhibitions. New varieties, especially, are noticed with interest, many persons relying solely on this exhibition for their ideas of new carnations and chrysanthemums.

In case exhibitors cannot come personally or send a man to stage their exhibits, it will be done for them without charge, by a competent person. Please send, to arrive as early as possible on the morning of November 13, all exhibits for this exhibition, addressed to the Connecticut Horticultural Society. If the society is to stage them, mark "stage." Also please notify Secretary Boykett, Hartford, of the shipment. It will be necessary to send in entries early, in order to secure desirable and prominent positions in the hall.

A membership fee of \$1.00 will be charged for competition in classes for prizes, which entitles the person to all privileges for 1900. Exhibits not for competition, or anything not mentioned in the schedule, will be suitably recognized, and as the judges are well known in their profession, they will, undoubtedly, give general satisfaction.

DUBUQUE, IOWA.

During the week of the carnival Harkett's Floral Nurseries had an extra fine display of palms and ferns in a booth on Main street. The booth was decorated with wild smilax and American Beauty roses were used lavishly and with good effect between the palms, etc. In the floral parade there were some 30 vehicles, several of which were decorated with natural flowers, smilax and palms.

Trade is fair. Outside stuff all gone; killed off by heavy frost Oct. 1.

N. Mettel is putting in a Gibbon's sectional boiler, also adding a 20-foot house for miscellaneous stock.

G. A. H.

WESTVILLE, PA.—The greenhouses of Lewis Duncan were partly destroyed by fire Sept. 30. Incendiarism is suspected.

100,000 Plants Ready to Ship.

Pansy Plants, large plants, in bud	Pr 100, Pr 1000	Primula, Obconica	2 1/2-in.	Pr 100, Pr 1000
Petunias, Dreer's, 15 varieties, mixed	\$.75 \$5.00	" Auriculara	"	\$2.00 \$8.00
2 1/2-in.	2.00 18.00	" Japonica	"	4.00 18.00
Begonias, 15 choice varieties, named	2.00 18.00	Geraniums, named, our selection	2 1/2-in.	2.00 18.00
2 1/2-in.	2.00 18.00	2 1/2-in.	2 1/2-in.	1.75 12.50
Iresines, red and yellow	2.00 18.00	Pelagonium, The Queen	"	2.00
Coleus, 14 varieties, named	2.00 15.00	Happy Thought	2 1/2-in.	3.00
Velvet Plant	2.00 18.00	Alternantheras, 3 varieties, strong	2 1/2-in.	2.00 15.00
Maiden Hair Fern	2 1/2-in., 5.00	Cigar Plant	2 1/2-in.	2.00
A. Plumosus	5-in., 15.00	Jerusalem Cherry	6-in.	10.00
Feverfew, Little Gem	2 1/2-in., 2.00 15.00			
Primula, Chinese, mixed	2.00 18.00			

....NEW PLANTS....

	Pr doz., Pr 100		Pr doz., Pr 100
New Yellow Baby Primrose, 2 1/2-in.	\$1.29 \$10.00	New Geranium, Dble. Snow Drop,	
New Geranium, De Roo Mitting,		2 1/2-in.	\$1.20 \$10.00
2 1/2-in.	1.20 10.00	Lobelia, Scarlet Bloom	2 1/2-in., 1.20 10.00

CASH.

THE MORRIS FLORAL CO., MORRIS, ILL.

Mention the Review when you write.

High-Grade Chrysanthemums Wanted!!

WHILE we will have "Mums" for all, in all grades, we desire to secure a larger supply of strictly gilt-edged stock. Growers assured of a cut of first-class "Mums" will find it to their interest to correspond with.....

E. C. AMLING, WHOLESALE CUT FLOWERS,
51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

PRIMROSES... Per 100
 Chinese, ready for 3-in. pots \$1.75
 Obconica grand. " 1.75
 rosea, ready for 3-in. pots, 1.75
Forbesi, ready for 3-in. pots 2.40
 Pansy Plants, 1000, \$2.75 1.50
 Cash with order.

De Soto, Mo., Oct. 13, 1899.
 Dear Sir: Primulas arrived last night in excellent shape; plants better than I expected, and packing could not possibly be any better. Many thanks.

Yours truly, G. M. THOST.

JOS. H. CUNNINGHAM, Delaware, Ohio.

Mention The Review when you write.

Perry Watson & Co.
CALIFORNIAN SEED HOUSE

- SPECIALTIES -

Onion Seed	Sweet Peas	Lima Beans
Lettuce	Cosmos	Salt Bush
Celery	Hollyhock	Bromus Grass
Carrot	Verbenas	Bermuda "
Salsify	Asters	Johnson "
Parsnip	Mignonette	etc.
etc.	etc.	

ALL CALIFORNIA GROWN. WHOLESALE ONLY.
SACRAMENTO CALIFORNIA

Mention The Review when you write.

Roses, Carnations and Violets.

Bridesmaids, 3-in. stock	\$5.00 per 100
Meteors, 2 1/2-in. pots	4.00 "
Kaiserin, 4-in. pots	8.00 "
Violets in 2 1/2-in. pots	3.00 "
Genetas, 3-in., \$9.00; 4-in.	15.00 "
Field Grown Carnations, now ready, all the leading varieties,	\$5.00 a 100, \$10.00 a 1,000.
Field Grown Violets,	5.00 " 40.00 "

WM. F. KASTING, 481 Washington St., Buffalo, N.Y.
 Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**
 FOR PARTICULARS ADDRESS
 JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

ESTABLISHED 1802

THORBURN'S SEEDS

DUTCH BULBS
 and
LILY OF THE VALLEY PIPS
 For FORCING and OUTDOOR planting.
 Florists and Dealers are invited to send for Trade List, now ready.

J.M. THORBURN & CO.
 (Late of 15 JOHN STREET)
 36 CORTLANDT STREET, NEW YORK

Mention the Review when you write.

S PULVERIZED SHEEP MANURE.

Something new in this line, as it's full strength. Can use it with hose. 75-lb. sack, \$1.00; per ton, \$14.00. Write for samples.

A. MITTING, - MORRIS, ILL.
 Mention The Review when you write.

SAMUEL S. PENNOCK, Wholesale Florist

{ Commencing October 16, will be open from }
{ 12:01 a. m., Mondays to 10 p. m., Saturdays. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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PITTSBURG CUT FLOWER CO., Ltd.
WHOLESALE FLORISTS.

Long Distance
Phone 2157.

CONSIGNMENTS SOLICITED.

No. 705 Penn Avenue,
PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

Mention The Review when you write.

Burpee's Seeds Grow

COLD STORAGE Lily of the Valley, Fall 1899.

NOW IS THE TIME TO ENGAGE FIRST CLASS PIPS IN FINE CONDITION!
Cases are supplied with from 1000 to 1200 pips at \$14.00 per 1000.
Write for special prices for large quantities.

F. W. O. SCHMITZ, IMPORTER AND EXPORTER, JERSEY CITY, N. J.

Mention The Review when you write.

Eglantine.

THE TRUE FRAGRANT SWEET BRIAR.

1,000 Rosa Rubiginosa, 4 to 5 feet, per 100, \$5.00
1,000 " " 2 to 3 " " 3.00
1,000 " " 1 to 2 " " 2.00
10,000 Berberis Thunbergii, per 100, \$3.00 to 7.00

T. R. WATSON, Plymouth, Mass.

Mention the Review when you write.

Send in your order now
for a copy of....



A whole library for Commercial Florists
in one volume.

PRICE \$5.00.

You will surely want this great Reference
Book, now almost completed.

Florists' Publishing Co.

CAXTON BLDG., CHICAGO.

GREEN GALAX

New Crop Now Ready, \$1.00 per 1000.

FINEST BRONZE

From Cold Storage, \$2.00 per 1000
all in 5000 cases.

Address the introducer, HARLAN P. KELSEY,
1106 Tremont Bldg., Boston, Mass.

Mention The Review when you write.

Asparagus Plumosus

Strings 10 feet long. Shipped to any part of the country.
50 cents. Nanus

W. H. ELLIOTT,
BRIGHTON, MASS.

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Cut Flower Exchange,

404 - 412 East 34th St., New York,
NEAR THE FERRY.

Open Every Morning at 8 o'clock for the sale of
CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

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Long's "Handy" Order Sheets

The practical leaders to correct order taking in
hurried hours. Single sample free.

Pad of 100 sheets, mailed for 24 cents in stamps.

Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.

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GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.



Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.

WM. F. KASTING, Wholesale Com-
mission Florist.

451 Washington St., BUFFALO, N. Y.

Also Dealer in Florists' Supplies and Wire
Designs.

Mention The Review when you write.

WM. J. BAKER,

WHOLESALE
CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.

Original Headquarters for CARNATIONS.

Mention the Review when you write.

LATANIA BORBONICA

6-inch pots \$7.50 a dozen.

JOHN W. YOUNG.

Upsal Station,
Penna. R. R.

Germantown, Pa.

Mention The Review when you write.

Choice Plants for Autumn Sales.

JOHN H. LEY,

Good Hope, Washington, D. C.

Asparagus P. Nanus, 5-in. pots doz. \$3.00

Ferns, 30 new and choice sorts, 4-in. pots, 100, 10.00

10 choice sorts, 2-in. pots 4.00

Nephrolepis Washingtoniensis, the finest

new Fern this year, 4-in. pots doz. 3.00

Adiantum Hybridum, new, elegant, 8-in., each 1.00

Cuneatum, extra large, 4-in. pots, 100, 10.00

Crotons, 12 finest sorts, colors fine, 4-in., doz., 1.00

Peperomia Arifolia and Argyrea, 3-in., " 50

Selaginella Africana, fine blue and others,

3-in. pots doz. 50

Ferns, from flats, nice little plants for small

pots, 10 sorts, 100 free by mail 1.25

Careful packing. Cash with order. Plants gratis.

Mention The Review when you write.

Orchids.

Just arrived, in fine condition, Cattleya
Mendell and Laelia Youngbanna, also C. labiata,
C. Speciosissima, C. Gaskelliana and C. Harris-
onii.

CHERRY WOOD BASKETS,
FRESH MOSS AND PEAT.

Lager & Hurrell, Growers and
Importers.... Summit, N. J.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACACIA.

Acacia pinnata, strong plants, 50c, 75c and \$1.00 each.
Boblink & Atkins, Rutherford, N. J.

ACALYPHA.

Acalypha Sanderl, 2 1/2-in. plants, \$12.50 per 100; \$1.40 per 10.
The Conard & Jones Co., West Grove, Pa.

AGERATUM.

Princess Pauline, 2-inch, \$2.00 per 100.
Edw. B. Jackson, Stamford, Conn.

ALTERNANTHERA.

In 3 varieties, strong, 2 1/4-in., \$2.00 per 100; \$15.00 per 1000.
Morris Floral Co., Morris, Ill.

Red and yellow, rooted, per 100, 50c.
E. I. Rawlings, Quakertown, Pa.

ARAUCARIA.

A. excelsa, 2 1/4-inch pots, 6 inches high, 2 tiers, \$16.00 per 100. *A. Ridwilli*, 4-inch pots, 12 inches high, 2 and 3 tiers, \$25.00 per 100; 3-inch pots, 2 tiers, \$15.00 per 100. E. Ludemann, Pacific Nursery, San Francisco, Cal.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. *Asparagus Sprengerii*, 2-inch, 50 cents per doz.; \$4.00 per 100.
Geo. Wittbold, 1508 N. Halsted St., Chicago.

A. Sprengerii (very fine), 2 1/2-in. pots, per doz., 50 cts.; per 100, \$3.00; per 1000, \$25.00.
Seawanhaka Greenhouses, Oyster Bay, N. Y.

Asparagus Sprengerii, 2 1/4-in., \$6.00 per 100. *Asparagus Tenellissimus*, 2 1/4-in., \$4.00 per 100.
N. Smith & Son, Adrian, Mich.

Asparagus Plumosus and *Sprengerii*, 2-inch, \$5.00 per 100.
Geo. M. Emmans, Newton, N. J.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

A. plumosus nanus, 5-in., \$3.00 per doz.
John H. Ley, Good Hope, D. C.

A. plumosus, 5-in., \$15.00 per 100.
Morris Floral Co., Morris, Ill.

A. Sprengerii, 2-in., \$4.00 per 100.
Roney Bros., West Grove, Pa.

Plumosus, 2-in., fine, \$5.00 per 100.
Geo. L. Miller, Newark, O.

AZALEAS.

Our Azaleas are finer this year than ever, they are well budded and in good shape, bound to give satisfaction. The varieties are on the market sorts only.

	Per Doz	100	1000.
9 to 11 in. diam.	\$1.75	\$5.00	\$25.00
10 to 12 in. diam.	1.00	30.00	275.00
12 to 14 in. diam.	5.00	40.00	375.00
		Per Doz	100
14 to 16 in. diam.		\$ 6.50	\$ 59.00
16 to 18 in. diam.		12.00	90.00
18 to 20 in. diam.		15.00	110.00

2 1/2 inch. and up, from \$2.00 to \$4.00 each.
Boblink & Atkins, Rutherford, N. J.

BEGONIAS.

Gloire de Lorraine, the grandest novelty of the day and one of the best selling plants for florists ever offered. Blooms continuously, autumn, winter and spring. Fine, strong plants from 3 1/2-in. pots, per doz., \$4.75; per 100, \$35.00. Flowering plants from 2 1/4-in. pots, per doz., \$2.55; per 100, \$17.50. R. & J. Parquhar & Co., 10 So. Market St., Boston, Mass.

5000 *Begonia Rex*, Assorted, 2 1/4-inch, \$4.00 per 100; Named, \$6.00 per 100. Rooted cuttings: *Rex*, \$2.00 per 100; *Incarnata gigantea* and other flowering sorts, \$2.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Assorted varieties from 2-in. pots. Extra strong, \$1.75 per 100.
Edw. B. Jackson, Stamford, Conn.

B. Rex, strong plants, best variety, \$4.00 per 100. Cash please.
J. H. Dann & Son, Westfield, N. Y.

Begonia Rex, full assortment. Mixed, 3-inch, \$4.00 per 100. Geo. M. Emmans, Newton, N. J.

Choice varieties, named, 2 1/4-in., \$2.00 per 100, \$15.00 per 1000. Morris Floral Co., Morris, Ill.

Begonia Rex, per 100, 5-in. pans, \$10.00.
N. Smith & Son, Adrian, Mich.

Gloire de Lorraine, 2-in., \$1.50 per doz.
Roney Bros., West Grove, Pa.

Alba picta, 2-inch, \$1.50 per 100.
Geo. L. Miller, Newark, O.

BERRIED PLANTS.

Jerusalem cherries, 6-in., \$10.00 per 100.
Morris Floral Co., Morris, Ill.

Solanum Capsicastrum, 6-in., \$1.25 per doz.
Roney Bros., West Grove, Pa.

BOUGAINVILLEAS.

Bougainvillea Sanderlana, strong, from 3-inch pots, 24-30 inches, \$3.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

"The Classified Advs. are a great convenience" is the verdict of the buyers.

BROWALLIA.

Browallia, 2-in., \$2.50 per 100. Best varieties.
Henry Smith, Grand Rapids, Mich.

BULBS.

Lilium Harrisii, 5-7, in good condition, \$25.00 per 1000; \$4.00 per 100. *Lilium Longilobum*, 5-7, \$22.50 per 1000; \$2.50 per 100. *Freesias*, second size, \$4.00 per 1000. Cold storage Lily of the Valley pips, \$14.00 per 1000. Equally low prices on other bulbs until sold. Write for prices.
W. W. Rawson & Co., 12 and 13 Faneuil Hall Sq., Boston, Mass.

Narcissus Paper White grandiflora, extra fine, \$6.75 per 1000. *Roman Hyacinth*, fine stock, \$14.00 per 1000. *Lilium Harrisii*, 5-7, all repacked, \$40.00 per 1000. This offer holds good only so long as stock is unsold. Terms, net cash with order. F. W. O. Schmitz, Importer, Jersey City, N. J.

Cold storage Lily of the Valley pips. Now is the time to engage them. Cases are supplied with from 1000 to 1200 pips at \$14.00 per 1000. Write for special prices in large quantities.
F. W. O. Schmitz, Jersey City, N. J.

I will sell one-half of my Lily of the Valley bed as it stands or will dispose of it in clumps. The flowers from this bed are noted as the finest ever seen in the Boston market. Write to D. Hartford, Bedford, Mass.

Freesia alba, 3/4-inch diameter and up, \$3.00 per 1000; 1/2-inch and up, \$5.00 per 1000. small bulbs. I guarantee all to bloom, as I have tried them. C. Ammann, 7th Ave. & 120th St., New York City.

Lil. longiflorum, 5-7, 100, \$2.50; 6-8, 100, \$4.00; 7-9, 100, \$6.50; 9-10, 100, \$11.00. *Auratum*, *Rubrum*, *Album*, etc. Send for list. H. H. Berger & Co., 15 Barclay St., New York.

Dutch Bulbs and Lily of the Valley pips for forcing and outdoor planting. Trade list now ready. J. M. Thorburn & Co., 36 Cortlandt St., New York City.

Excelsior Pearl Tuberosa Bulbs and Caladium Esculentum Bulbs for Dec. and Jan. delivery. J. F. Croom & Bro., Magnolia, N. C.

Samples of Washington-grown Tulips and Crocuses by mail for 50 cents.
Geo. Gibbs, Orcas, Washington.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Choice *Gladiolus* and *Dahlia*. Price on application. L. H. Read, Grand Rapids, Wis.

Home grown *Tenuifolium Lily* bulbs, \$7.00 per 100. F. H. Burdett, Clifton, N. Y.

CALADIUMS.

Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00. Florists' Pub. Co., Chicago.

CANNAS.

Good mixed, field-grown, strong, \$3.00 per 100. Chas. F. Drawiel, 433 5th Ave., Brooklyn, N. Y.

20,000 named cannas, best. Send list of wants. Benj. Connel, West Grove, Pa.

Canna bulbs, ready this fall, \$7.00 per 1,000. cash. M. T. Thompson, Rio Vista, Va.

200 clumps. Write for prices.
Jos. Dunn, Orr's Mills, N. Y.

CAREX.

Carex japonica var., strong plants from 3-inch pots, \$6.00 per 100.
A. H. Ewing, Berlin, Ont., Canada.

Carex Japonica Variegata, strong plants for propagating, \$5.00 per 100.
W. P. Carre, Mantua, N. J.

Carex variegata, 2 1/2-inch, \$5.00 per 100.
N. Smith & Son, Adrian, Mich.

CARNATIONS.

Our carnations are very fine. They have been grown with the greatest care; free from disease. Packed by our improved system of packing they can be sent to any part of the U. S. Sport, Meteor, Portia, Scott, Butter Cup, Daybreak, Cap. King, Alaska, Fisher, C. A. Dana, Storm King, Albertini, Sweet Brier, McGowan, Armizindy, Jubilee, Eldorado, Ivory and L. L. Lamborn, \$5.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

400 Genesee, 500 Scott, 800 Meteor, 400 Pingree, 300 Victor, 500 Daybreak, 200 Evelyn, 200 Alaska, all good plants, \$5.00 per 100; \$25.00 per 1000. Cash please. Geo. A. Ruckham, 880 Van Dyke Ave., Detroit, Mich.

Support your Carnations with the Model Extension Carnation Support, now regarded as the standard support, and by far the best yet offered. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

Field grown. We have a very large stock including G. H. Crane, Maceo, Glacier and Mrs. Jas. Dean. In good, healthy condition. Send for price list.
F. Dornier & Sons Co., La Fayette, Ind.

Flora Hill, extra large, clean and strong, \$5.00 per 100; \$45.00 per 1000. Triumph, good seconds, \$3.50 per 100; \$30.00 per 1000. Will exchange for good target rifle.
Geo. F. Christie, Clifton Heights, Pa.

Daybreak, Scott, McGowan, Eldorado, Portia, Bismarck, C. A. Dana, Jahn's Scarlet, T. Carleidge, A. Webb, Morelle and Meteor, \$4.00 per 100, cash.
Dana R. Herron, Ocean N. Y.

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Carnation plants all sold except 2000 Daybreak, 400 Meteors and 300 Triumph, which I will sell for \$4.00 per 100, or \$30.00 per 1000, cash. These are all first size plants and clean.
W. A. Wettlin, Hornelssville, N. Y.

Scott, Helen Keller, Kohlnoor, Tidal Wave, Sweet Bilet, Storm King, Outcast, Victor, Daybreak and Meteor, \$4.00 per 100. The above are good No. 1 plants; good shape, no culls.
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Extra fine and large McGowan, Flora Hill, Triumph, New York, Daybreak, Victor, Scott, Cartledge and Bon Ton, \$5.00 per 100; \$40.00 per 1000. Cash with order; satisfaction guaranteed.
Geo. R. Geiger, Nazareth, Pa.

5000 field grown plants. Scott and McGowan, \$4.00 per 100; \$35.00 per 1000. Eldorado, \$5.00 per 100; \$45.00 per 1000. A few hundred fine plants of Rose Queen, \$4.00 per 100.
H. Pritchard, Bartow St., Astoria, Long Island City, N. Y.

1000 McGowan, strong plants, \$3.50 per 100; \$30.00 per 1000. 300 Wm. Scott, strong plants, \$3.00 per 100. Arthur Mallon, Jr., West Colingswood, N. J.

Thrifty field carnations with plenty of roots. Send for prices. All the new and leading varieties.
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Fine field-grown plants. Hector, large scarlet. Evolina, very free white, \$6.00 per 100; \$50.00 per 1000. 500 at 1000 rate.
H. Weber & Sons, Oakland, Md.

3500 Eldorado, Clover, Cook, Scott, McGowan, Kohlnoor, Cartledge, Portia, protected from frost, no rust, \$3.00 per 100.
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Strong, stocky, field-grown plants, in good condition. 400 McGowan 150 Silver Spray, 200 Scott and 100 Meteor, \$2.50 per 100.
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5000 carnations left, in fine shape. Scott, Portia, McGowan, 3c or \$25.00 per 1000. No culls, speak quick.
Benj. Connell, West Grove, Pa.

Field grown. All the leading varieties, \$5.00 per 100; \$40.00 per 1000. Wm. F. Kasting, 431 Washington St., Buffalo, N. Y.

2000 Wm. Scott and 1000 Albertini, strong, field-grown, \$3.00 per 100.
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Field grown plants now ready. Send for price-list.
Wm. Murphy, Sta. F., Cincinnati, O.

We have a fine stock of field grown carnations in all varieties. Send for complete list.
Ellis & Pollworth, Milwaukee, Wis.

Field grown, fine stock, standard varieties, \$5.00 per 100.
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Scott, Portia, Eldorado, \$4.00 per 100, Flora Hill, \$3.00 and \$5.00 per 100.
C. Hagenburger, West Mentor, O.

Best new and standard varieties. Write for catalogue and prices.
W. P. Peacock, Atco, N. J.

Scott, Daybreak, Mangold, Bon Ton, \$5.00 per 100. H. F. Littlefield, Worcester, Mass.

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Chrysanthemums, dwarf plants, in 4 and 5-in. pots, both sizes mixed, \$5.00 per 100. Cash.
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Cinerarias for Christmas flowering. Our superior strain, 2 1/2-in., \$2.00 per 100; 3-in., \$3.00 per 100. Whitton & Sons, Utica, N. Y.

Benary's, Cannell's and Sutton's strains, 2 1/2-in. pots, \$2.00 per 100. Shellroad Greenhouse Co., Grange, Md.

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COLEUS.

Named, 14 varieties, 2 1/4-in., \$2.00 per 100; \$15.00 per 1000.
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South Park Beauty, the best yellow, per 100, 70c.
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Continental Specialties and Novelties. Lists free.
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12 finest sorts, color fine, 4-in., \$1.00 per doz.
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CYCLAMEN.

Cyclamen, select, 3-inch, \$12.00 per 100; 4-inch, \$15.00 per 100; 5-inch, \$25.00; extra select, 5-in., ready for 6-inch, \$4.00 per dozen; 6-inch, \$6.00 per dozen; 7-inch, specimens, \$12.00 per dozen.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Cyclamen persicum giganteum, splendid stock of plants, assorted colors, in 3-inch pots, ready for 4-inch, \$7.00 per 100; \$65.00 per 1000. Emerson C. McFadden, formerly Pitcher & Manda, Short Hills, N. J.

Cyclamen, fine plants, fine strain, mixed colors, 4-inch, ready for a shift, \$10.00 per 100. Cash.
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CYPERUS ALTERNIFOLIUS.

Strong, 3 and 4-in., \$1.00 per doz.
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6000 Nymphae Dahlias, strong roots, \$3.00 and \$5.00 per 100. W. F. Carre, Mantua, N. J.

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Bells Perennials, Giant Red and Snowball, 50c per 100; \$4.00 per 1000. Double Baisies, white and red, \$1.00 per 100.
Edw. B. Jackson, Stamford, Conn.

Snowball and Longfellow, 50c per 100; \$3.00 per 1000. Byer Bros., Chambersburg, Pa.

DRACAENA INDIVISA.

4-inch pots, \$1.50 per dozen. J. Thomann, 312 Goodman St., Rochester, N. Y.

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Ericas for October delivery. Plants set with bud. All sizes of the best commercial sorts at reasonable prices.
H. D. Darlington, Flushing, N. Y.

FERNS.

	Pot.	Doz.	100.
Cyrtomium Falcatum,	3-in.	\$1.00	\$8.00
"	4-in.	2.00	"
"	5-in.	3.00	"
"	6-in.	5.00	"
Blechnum Orientale,	2-in.	.50	4.00
Lomaria Gibba,	4-in.	1.50	12.00
Pteris Serrulata,	2-in.	.50	4.00
Pteris Argyrea,	2-in.	.50	4.00
Pteris Tremula,	2-in.	.50	4.00
Pteris Umbrosa,	6-in.	3.00	20.00
Nephrolepis Exaltata,	4-in.	1.50	12.00
"	5-in.	2.00	"
Nephrolepis Pectinata,	4-in.	1.50	12.00
Nephrolepis Phillipensis,	4-in.	1.50	12.00
"	5-in.	2.00	"
Nephrolepis Bostoniensis,	4-in.	2.00	"
"	5-in.	2.00	"
"	6-in.	5.00	"

Geo. Wittbold, 1708 N. Halsted St., Chicago.

Ferns. 30 new and choice sorts, 4-in., \$10.00 per 100; 19 new and choice sorts, 2-in., \$4.00 per 100. Nephrolepis Washingtonensis, 4-in., \$3.00 per doz. Selaginella Africana, 3-in., 50c per doz. Adiantum hybridum, new, 8-in., \$1.00 each. Ferns from flats, nice little plants for small pots, 10 sorts, 100 free by mail, \$1.25. Adiantum cuneatum, extra large, 4-in., \$10.00 per 100. Careful packing. Cash with order.
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Fern Spores. Complete assortment, 50c per trade pkt. \$5.00 per doz. pkts., all different. Mixed Spores, extra large pkt., sufficient for 3,000 plants, \$1.00 postpaid. Complete directions for growing with every order. Write for wholesale price list of our specialties.
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Boston Ferns. Fine pot grown plants ready for 8 and 10-inch, 75c and \$1.00 each. Excellent bench grown plants ready for 5, 6 and 7-inch pots at 40, 50 and 60 cents each. Now is the time to order and put up.
A. J. Baldwin, Newark, Ohio.

Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rate.
Wm A. Bock, No. Cambridge, Mass.

Ferns. Good variety and nice, bushy stock, 2 1/2-inch, \$3.50 per 100; \$30 per 1000. Packed in pots, 50c per 100 extra. Express paid to New York. H. Weston & Bro., Hempstead, L. I., N. Y.

The Boston Fern. A specialty. Specimen plants, cut from bench, for 7, 8 and 10 in. pots, at \$50, \$75 and \$100 per 100. Cash or ref.
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Adiantum cuneatum, select stock, \$6.00 per 100; \$55.00 per 1000. Ready for shipment at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

Boston Ferns, from bench, per 100, \$5.00 to \$15.00. Selaginella Emilliana, 3-in., fine, 75c per doz.
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1000 Adiantum Farleyense, strong 2-inch, ready for a shift, \$10.00 per 100. J. A. Peterson, 105 E. 4th St., Cincinnati, O.

Ferns. Fine assortment, 2 1/2-in., \$3.00; 3-in., \$6.00 per 100. John Bader, Troy Hill, Allegheny, Pa.

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Maidenhair ferns, 2 1/2-in., \$5.00 per 100.
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Winter flowering, 2 1/2-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100.
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Downing's Gooseberry. Best and most prolific variety grown. Have sold 12 tons of fruit in one season here, 1 year, \$1.50; 2 years, \$2.50 per 100. Special prices for larger lots.
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Gardenia Florida, from 3-inch pots, 8-10 inches, branched, \$10.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

GENISTAS.

3-in., \$9.00; 4-in., \$15.00 per 100.
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Sweet Scented, Mrs. Pollock, Pansy, 2½-inch, \$4.00 per 100; Mrs. Parker, 2½-inch, \$6.00 per 100; Happy Thought, Silver Leaf, 2½-in., \$4.00 per 100. Rooted cuttings: Assorted, \$1.50 per 100; mixed, \$1.25; Mars, Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Silver Leaf, Rose scented, Ivy, \$1.50; Mrs. Parker, Freak of Nature, \$4.00; Mme. Sallerol, \$1.25. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

Geranium Novelties for 1900. The finest collection in America. A set of selected Double Bedders, Single Bedders, Fancy Doubles, Mammoth Fancy Singles and Ivy Leaved varieties. A full line of 1899 introductions in all the above sections, also a full line of selected standard bedders.

The Cottage Gardens, Queens, N. Y.

100,000 Geraniums, rooted cuttings, of the best varieties:

	Per 100.	Per 1000.
Your Selection ..	\$1.50	\$12.00
Our Selection ..	1.25	10.00
Mme. Sallerol ..	1.25	10.00

C. A. Harris & Co., Delanson, N. Y.

Named, our selection, 2½-in., \$2.00 per 100; \$18.00 per 1000. Choice mixed, 2½-in., \$1.75 per 100; \$12.50 per 1000. New geraniums, De Roo Mitting and Double Snow Drop, 2½-in., \$1.20 per doz.; \$10.00 per 100. Happy Thought, 2½-in., \$3.00 per 100. Morris Floral Co., Morris, Ill.

Double New Life, 2-inch, \$4.00 per 100. Rose geranium, 2-inch, \$2.00 per 100. Edw. B. Jackson, Stamford, Conn.

Mixed, good assortment, not labeled, from 2-in. pots, \$2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Wanted, 1000 Gen. Grant double geraniums, rooted cuttings. State lowest price. Jos. Dunn, Orr's Mills, N. Y.

GREVILLEA.

Grevillea Robusta, 2-in., strong, \$2.50 per 100. Edw. B. Jackson, Stamford, Conn.

Grevillea Robusta, 2½-in., \$5.00 per 100. N. Smith & Son, Adrian, Mich.

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For fall planting. Strong clumps from 3¼-in. pots. Per 100. Achillea, "The Pearl," \$4.00. Anemone Japonica (white), \$5.00. Aquilegia, "Columbine," \$4.00. Hardy Pinks, "Her Majesty," etc., \$4.00. Caryopteris Mastacanthus, \$4.00. Digitalis, a fine assortment, \$4.00. Statice Armeria (Sea Pink), \$3.00. Hibiscus, "Crimson Eye" \$4.00. Myosotis Alpestris, \$2.00. Coreopsis Lanceolata, \$4.00. Gallardia Grandiflora, \$4.00. Candytuft Gibraltarica, \$5.00. Eulalia Japonica, \$4.00. Geum Atrosanguineum, \$5.00. Lavender, \$4.00. Matricaria (double white), \$4.00. Delphinium Formosum (blue), \$4.00. Scabiosa Caucasicca, \$5.00. Campanula Pyramidalis, \$4.00. Lobelia Cardinalis, \$4.00. Sweet William, \$4.00. Helianthus Multiflorus Plenus, \$4.00. Japanese Iris, mixed sorts only, \$4.00. Lychnis Chalcedonica, \$4.00. Astilbe Japonica, \$6.00. Mountain Fleecce, \$4.00. Hardy Phlox, 12 very fine varieties, extra strong, \$4.00. Funkia Seaboldi, variegated, \$5.00. Alyssum Saxatile Compacta, \$4.00. Rulbeckia, "Golden Glow," \$1.00. Hollyhocks, one year field-grown plants, yellow, pink, scarlet and white, \$4.00. Yucca Filamentosa, \$4.00. Edw. B. Jackson, Stamford, Conn.

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Hollyhock Seed, fine double white or mixed, large trade packet, 20c. Hardy Pinks, Hollyhock and Sweet William seedling plants, by mail, prepaid, per 100, 50c; per 500, \$2.00. The seedlings will be mixed to suit purchaser in 500 lots. Cash. F. A. Bolles, Lawnwood, Brooklyn, N. Y.

Ampelopsis Vetchii, field grown, heavy, \$50 per 1000. Clematis paniculata, field grown, \$70 per 1000. Shrubs, a general assortment, \$30 to \$50 per 1000. California privet, 2 to 3 ft., \$30 per 1000. Box, dwarf, \$25 to \$30 per 1000. Elizabeth Nursery Co., Elizabeth, N. J.

Blota Aurea Nana, a perfect gem, fine, shapely plants, hardy north, 10 to 12 inches high, \$10.00 per 100; \$80.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100. P. J. Berckmans Company, Augusta, Ga.

Ampelopsis Vetchii, extra fine stock, \$50.00 per 1000. Large stock of other vines. Low prices on quantity. Clematis paniculata and flammula, Bignonia radicans, honeysuckles, etc. David G. Yates & Co., Mount Airy Nurseries, Philadelphia, Pa.

Hardy Herbaceous Perennials. The most complete stock in America. Paeonies, Phlox, Iris, Delphiniums, etc., etc.

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Eglantine, the true fragrant sweet briar, Rosa Rubiginosa, 4-5 ft., \$5.00; 2-3 ft., \$3.00; 1-2 ft., \$2.00 per 100. Berberis Thunbergii, \$3.00 to \$7.00 per 100. T. R. Watson, Plymouth, Mass.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

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Hollyhocks, Chater's, white, pink, red, bluish, yellow. Aug. 1st sown, \$1.00 per 100; \$7.00 per 1000. Byer Bros., Chambersburg, Pa.

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Spirea, A. Waterer, per 100, 3-year, \$12.00; 2-year, \$8.00; 1-year, \$5.00. The Conard & Jones Co., West Grove, Pa.

Azalea Amoena. Hardy shrubs and trees in great variety. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Delytra, or Bleeding Heart, \$6.00 per 100; \$50.00 per 1000. S. E. Hall, Cherry Valley, Ill.

1000 Golden Glow, Rudbeckia. Write for prices. Jos. Dunn, Orr's Mills, N. Y.

Coreopsis Lanceolata, from field, \$2.00 per 100. W. P. Carre, Mantua, N. J.

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Purple and white, 2-inch, \$2.00 per 100. Edw. B. Jackson, Stamford, Conn.

HYDRANGEAS.

Otakas, red branched, Thos. Hogg. With 4 or more crowns, \$10.00 per 100; \$90.00 per 1000. With 2 or 3 crowns, \$7.00 per 100; \$60.00 per 1000. Extra good value, satisfaction guaranteed. Jackson & Perkins Co., Newark, N. Y.

Hydrangea Otaksa, strong plants from the open ground, just right for potting up for Easter, at \$5.00, \$10.00 and \$15.00 per 100.

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Hydrangea paniculata gr., very strong, 75c and \$1.00 each. Fine for lawns, etc. Chas. F. Drawiel, 433 5th Ave., Brooklyn, N. Y.

100 Hydrangea Pan., fine specimens, 4 to 5 ft., \$1.50 each. Special price on lot. Arthur Mallon, Jr., West Collingswood, N. J.

Hydrangea Otaksa, 2½-in., \$3.00 per 100. Strong plants. Cash please. J. H. Dann & Son, Westfield, N. Y.

100 Hydrangeas, ready for 5-in. pots. Write for prices. Jos. Dunn, Orr's Mills, N. Y.

LOBELIA.

Scarlet Bloom, 2½-in., \$1.20 per doz.; \$10.00 per 100. Morris Floral Co., Morris, Ill.

MANETTIA.

Manettia bicolor, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

METROSIDEROS.

Metrosideros, bushy, 50c and 75c; standard plants, from \$1.00 to \$2.00 each. Bobbink & Atkins, Rutherford, N. J.

MUSHROOM SPAWN.

Best English Milltrack, just arrived, \$7.00 per 100 lbs. In 500 lb. lots at \$6.50 per 100. Johnson & Stokes, 219 Market St., Phila., Pa.

MYRTLE.

Myrtle for cemetery and carpet work. I have the largest and best stock in the country. Rooted cuttings, by mail, prepaid, per 100, 60c; per 1000, \$4.50. Large field-grown sods, per 100, \$6.00. Delivered free to any express from New York City. Cash. F. A. Bolles, Lawnwood, Brooklyn, N. Y.

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Orchids have for very many years been a specialty with the undersigned, and the collection is steadily augmented by fresh importations from the collectors of the firm. It is not easy, without seeing it, to form an adequate conception of the stock. Extent is simply immense. Quality fine. Prices moderate. HUGH LOW & CO., BUSH HILL PARK NURSERY, ENFIELD, ENGLAND.

We beg to announce to the trade that we have our own collectors in the tropics shipping us Cattleya Trianae, Mendellii, gigas and aurea and Odontoglossum crispum (Pacho type) and will be pleased to book your orders, spring of 1900 delivery. We also have the finest collection of Laello-Cattleya hybrids—unique types. Catalogue may be had on application. Arnold & Co., Orchidists, 222 St. Marks Sq., Phila.

Just arrived in fine condition, Cattleya Mendellii and Laelia Yonheana; also C. lablata, C. speciosissima, C. Gaskelliana and C. Harrisoniae. Cherry wood baskets, moss and peat. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at \$3.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

One year, grown from division, colors named, \$5.00 per 100. No order taken for less than 25 at above prices. James Frost, Greenville, Darke Co., Ohio.

Paeonies, indispensable for the florist, fine assortment, all colors. F. A. Baller, Bloomington, Ill.

Paeonies, 14 varieties, assorted, \$7.00 per 100; \$60.00 per 1000. S. E. Hall, Cherry Valley, Ill.

PALMS, ETC.

	Pot	H't.	Char.	Per	Per
	in.	in.	ivs.	100.	1000.
Latania Borbonica,	4	12-15	2	\$15.00	\$125
"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
Phoenix Canariensis,	4	15-18	4-5	15.00	
Seaforthia Elegans,	4	18-20	2	20.00	

P. J. Berckmans Company, Augusta, Ga.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS.
Measurements from top of pot to top of tallest leaf.

	Pot Ht.	Char.	in.	lv.	Each.	Doz.	
Latania Borbonica,	2					\$ 1.50	
"	3					1.50	
"	5	16-29	5-8		\$.50	5.00	
"	6	18-22	5-7		.75	3.00	
"	7	20-24	6-8		1.00	12.00	
"	8	28-30	7-8		2.00	24.00	
"	8	28-34	7-8		2.50	30.00	
"	9	30-36	8-9		3.00	36.00	
Cocos Weddeliana,	3	14-18	4-6		.25	2.00	
Kentia Belmoreana,	3	5-7	3-4		.25	2.00	
"	3	8-10	4-5		.30	2.00	
"	5	18-29	5-6		.75	7.20	
"	5	18-22	6-7		1.00	12.00	
"	4	20-25	6-7		1.50	18.00	
"	7	34-38	6-7		2.50	30.00	
"	10				8.00		
Kentia Forsteriana,	5	20-24	4-6		.75	7.20	
"	5	25-28	4-6		1.00	12.00	
"	6	26-30	6-8		1.50	18.00	
"	7	35-49	5-6		2.50	30.00	
"	10				8.00		
Ficus Elastica,	1	12-14			.25	3.00	
"	5	16-18			.50	6.00	
"	6				1.00	12.00	

	Pot.	Ht.	Tiers.	Each	Doz.
Araucaria Excelsa,	3	6-8	2-3	\$.50	\$ 6.00
"	4	10-12	2-3	1.00	10.00
"	5	18-29	3-4	1.25	15.00
"	7	26-38	6-7	2.50	30.00

Dracaena terminalis, 4-inch pots, fine plants, \$3.00 per doz. Dracaena fragrans, fine plants, per doz., 4-inch, \$3.00, 5-inch, \$5.00; 6-inch, \$9.00.
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- Gladiolus.
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- Gloxina (illus.).
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- Grevillea.

THE LETTER H.

Under the letter H in the Florists' Manual Mr. Scott covers fully the following important subjects. The article on Heating is almost a book in itself:

- Hardy Perennials (6 illus.).
- Hardy Shrubs.
- Heating.
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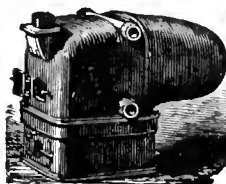
CORN IN NEBRASKA.

Traveling on the Burlington Railroad on the way to Denver, a little town called Atlanta, near Hastings, Nebraska, is pointed out as a point of interest because of the corn cribs built there along the tracks. In all there are twenty-four separate cribs, 12 feet wide and 12 feet high, with a total length of 5,964 feet, or a distance of nearly a mile and a quarter. This year's enormous crop (three hundred million bushels for the state of Nebraska) will test their capacity. Everybody seems prosperous in Nebraska. Nobody complains but the bankers, who find it hard to lend their money. Nobody wants to borrow it.

EASTER.

The Park Floral Co., Denver, Col., prints on the back of its card the dates of Easter for a number of years. Not a bad idea. We print below the dates given on the card: 1900, April 15; 1901, April 7; 1902, March 30; 1903, April 12; 1904, April 3; 1905, April 23; 1906, April 15; 1907, March 31; 1908, April 19; 1909, April 11.

PLEASE send us the news of the trade in your vicinity.



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233 MERCER ST., NEW YORK.
GREENHOUSE BUILDERS
Hot Water Boilers, Pipes, Fittings
Send Four Cents for Catalogue. And Ventilating Apparatus

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago.

334 Dearborn Street.

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Advertising rates: Per inch, \$1.00; 1/2 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

INDEX TO ADVERTISERS.

Table listing advertisers and their page numbers, including American Jadoo Co., Amling, E. C., Baker, W. J., Ball, C. D., Bassett & Washburn, Benthey & Co., Berning, H. G., Brague, L. B., Budlong, J. A., Burpees, W. Atlee & Co., Buyers' Guide, Carre, W. P., Chicago Wrecking Co., Cincinnati Cut Flower Co., Classified Advs., Cottage Gardens, Cunningham, Jos. H., Cut Flower Ex., Dietsch, A. & Co., Dillou, J. L., Dorner, F. & Sons Co., Dreer, H. A., Elliott, W. H., Ellis & Pollworth, Ellison & Tesson, Esler, John G. Secy, Florists' Exchange, Florists' Supply Co., Gibbons, H. W., Gibliu & Co., Greeue & Underhill, Hancock, Geo. & Son, Herr, Albert M., Hill, E. G. & Co., Hitchings & Co., Hunt, E. H., Jackson, E. B., Jennings, E. B., Jewett, Z. K. & Co., Kasting, W. F., Keenan's Seed Store, Kelsey, H. P., Kellogg, Geo. M., Kennicott Bros. Co., Kroeschell Bros. Co., Kuehn, C. A., Kuhl, Geo. A., Lager & Hurrell, Ley, J. H., Lockland Lumber Co., Long D. B., Lord & Burnham Co., Lynch, W. E., McKellar & Winterson, Mitting, A., Model Plant Stake Co., Moninger, J. C. Co., Morris Floral Co., Nevin, T. H. Co., Peacock, W. P., Peunock, S. S., Pittsburg Cut Flower Co., Quaker City Machine Works, Randall, A. L., Reed & Keller, Regan Pt'g House, Reinberg Bros., Rice, M. & Co., Rickscecker, C. H., Roney Bros., Schmitz, F. W. O., Skabcura Dip Co., Smith, N. & Son, Smith & Smith, Soltau, C. & Co., Souib Side Floral Co., Tborbura, J. M. & Co., Tobacco Warehousing Co., Vincent, Jr., R. & Son, Watson, T. R., Weber & Sons, Wietor Bros., Wood, F. M. & Co., Young, John Welsh, Zeese & Co., Zimngel, D.

BUYERS' GUIDE.

For the convenience of our readers in looking up offers of supplies they may wish, we print the following classified list of same offered by our advertisers. To ascertain the page upon which the advertisement appears, consult the adjoining regular index to advertisers. For plants see classified advs.

Aquarium Supplies.

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Brokers.

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Carnation Supports.

Model Plant Stake Co.

Cut Flower Boxes.

Ellis & Pollworth.

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Kasting, W. F.

Cut Flowers—Chicago.

Amling, E. C. Bassett & Washburn. Benthey & Co. Budlong, J. A. Hunt, E. H. Kennicott Bros. Co. Lynch, W. E. McKellar & Winterson. Randall, A. L. Reinberg Bros. Wietor Bros.

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Maplewood Cut Flower Co.

Cut Flowers—Milwaukee.

Ellis & Pollworth.

Cut Flowers—New York.

Cut Flower Exchange.

Cut Flowers—Pekin, Ill.

Kuhl, Geo. A.

Cut Flowers—Philadelphia.

Baker, W. J. Pennock, S. S.

Cut Flowers—Pittsburg.

Pittsburg Cut Flower Co.

Cut Flowers—St. Louis.

Berning, H. G. Ellison & Tesson. Kuehn, C. A.

Decorating Material.

Brague, L. B. Elliott, W. H. Kelsey, H. P. Rickscecker, C. H.

Fertilizers.

Mitting, A.

Florists' Supplies.

Ellis & Pollworth. Kasting, W. F. Kuehn, C. A. McKellar & Winterson. Pittsburg Cut Flower Co. Reed & Keller. Rice, M. & Co.

Glass.

Smith & Smith.

Glazier Points.

Dreer, H. A.

Greenhouse Building.

Gibbons, H. W. Hitchings & Co. Lord & Burnham Co.

Greenhouse Material.

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Esler, J. G. Secy.

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Lockland Lumber Co. Lord & Burnham Co.

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Skabcura Dip Co. Tobacco Warehousing Co.

Jadoo.

American Jadoo Co.

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Long, D. B.

Piping.

Chicago House Wrecking Co. Hitchings & Co. Lord & Burnham Co. Smith & Smith.

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Lord & Burnham Co. Nevin, T. H. Co.

Soil Pulverizer.

Florists' Supply Co.

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Brague, L. B. Hunt, E. H. Jewett, Z. K. & Co. McKellar & Winterson.

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(TRADE MARK.)

To be applied with a bulb. The only Putty made to work this way for green house sash. One gallon, 20 lbs., for \$1.00.

Has been used by florists in this city for years. Try it and you will use no other.

We have been using the T. H. Nevin's "Green House Putty" for some time and are pleased to recommend it to all those who wish a number one article. It has always given us perfect satisfaction. When you use this Green House Putty you will be sure of good results from same. Signed:—JOHN RODGERS, Florist, Green Tree Boro., Pa. HARTMAN BROS., Florists, Allegheny, Pa. FRED. BURKI, Florist, Bellevue, Pa.

T. H. NEVIN CO., CORRODERS OF STRICTLY PURE LEAD. Office and Works, ALLEGHENY, PA.

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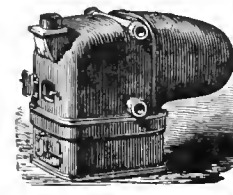
Advertisement for NIKOTEEN disinfectant. Text: 'NIKOTEEN IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE DOES NOT INJURE THE MOST SENSITIVE PLANTS—ENDORSED BY PROMINENT FLORISTS—USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT—200 LBS. OF TOBACCO IN ONE PINT OF NIKOTEEN SOLD BY SEEDSMEN—CIRCULAR FREE—SKABCURA DIP CO. CHICAGO. Kill AND SAVE the BLOOMS Bugs! QUICKLY DOES IT.'

Mention the Review when you write.

PARRY, N. J.—Mr. T. E. Steele, resigned his position with Parry's Pomona Nursery, Parry, N. J., to accept a position with D. Landreth & Sons, of Philadelphia. Mr. Steele is a thorough horticulturist and held his former position for over ten years.

CHESTER, PA.—Shaw Bros. are building an additional greenhouse.

Advertisement for ZEISE & CO. PHOTO-PROCESS ENGRAVING. 300-306 DEARBORN ST. CHICAGO.



Advertisement for HITCHINGS & CO. GREENHOUSE BOILERS. 233 MERCER ST., NEW YORK. PIPES, FITTINGS AND VENTILATING APPARATUS. Send Four Cents for Catalogue.

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WIRE Rose Stakes,

Straight or Looped
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Lancaster, Pa., June 17, 1899.
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Support is all right in every way, and
will no doubt be considered as neces-
sary as good plants with growers when
better known. I consider it the best in
the market, and if your other specialties
are as good they should make another
addition to the money-makers of 1900.
Very respectfully,
ALBERT M. HERR.

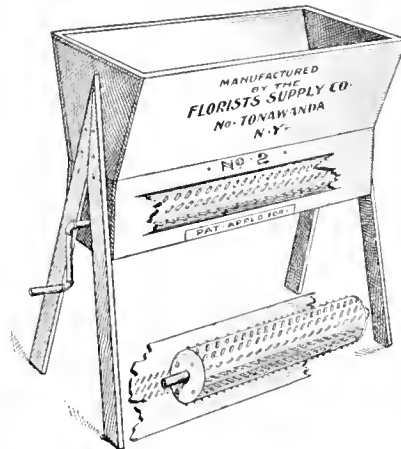
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The Model Plant Stake Co.
226 No. Ninth Street,
BROOKLYN, N. Y.

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THE MODEL PLANT STAKE. For Lilies and All Pot Plants.

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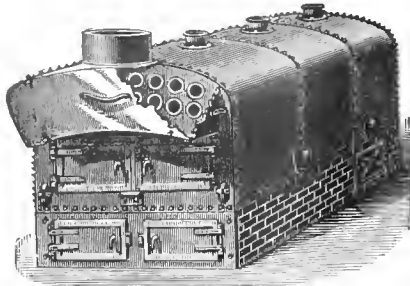
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Greenhouse Boiler,
29 to 59 Erie St., CHICAGO.



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Harmless to bloom and foliage.

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and Trading Company,
LOUISVILLE, KY.

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N^o 2

See the Point The Van Rey per Perfect Glazing Points are the best. No rights or lefts. Box of 100 points 75 cents, postpaid.
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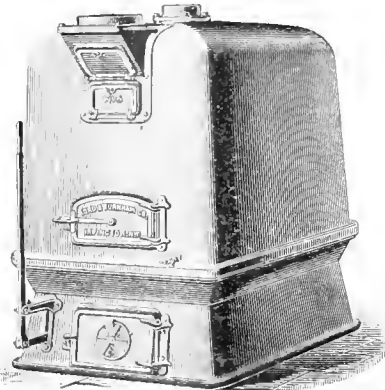
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NOW READY FOR DELIVERY.
Commercial Violet Culture

BY PROF. B. T. GALLOWAY,
Chief, Division of Vegetable Physiology and Pathology, U. S. Department of Agriculture, Washington, D. C.

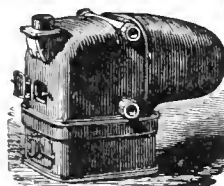
This work is thoroughly practical and discusses fully: Varieties and their Origin; Localities where the Crop is likely to Prove Profitable; Requirements for Success; Construction of Houses and Frames; Heating Houses and Frames; Soils and their Preparation; Manures and Fertilizers; Propagation, Selection, Planting, Watering, Cleaning and Feeding, Picking, Bunching and Marketing; Diseases and their Treatment; Insect Enemies and Methods of Combating them; Cost of Producing the Crop, Profits, etc. Superbly illustrated with upward of 60 plates, plans, diagrams, etc., including Working Drawings of Model Violet Houses; Plans for Complete Heating Systems; Photographs Showing Methods of Handling Soil, Preparing the Beds, Bunching the Flowers, Packing for Shipment, etc. Numerous illustrations showing the character of the more important diseases are also given.

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VENTILATING APPARATUS
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THE WEEKLY
FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. IV.

CHICAGO AND NEW YORK, OCTOBER 26, 1899.

No. 100.

ORDERS BOOKED NOW in order of receipt for rooted cuttings of the famous

Mrs. Thomas W. Lawson

The **\$30,000 Queen of Carnations** For Spring Delivery

COMMENCING FEB. 1, 1900.

TERMS: Strictly cash or C. O. D. from unknown parties.	PRICES: Per dozen.....	\$3.00
	Per 100.....	\$14.00
	Per 1,000.....	\$120.00
	Per 5,000.....	\$500.00
	Per 10,000.....	\$800.00

The quoted prices are for the TRADE ONLY, and all orders must be from dealers. Cuttings will be carefully packed under the supervision and sent direct from the establishment of the originator and grower,

PETER FISHER, Ellis, Mass.

ADDRESS ALL CORRESPONDENCE AND MAKE ALL CHECKS, MONEY OR EXPRESS ORDERS PAYABLE TO

Thos. F. Galvin

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BOSTON, MASS.

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Wholesale Cut Flowers,

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!Chrysanthemums!

FOR ALL. SMALL, LARGE and
EXTRA FANCY.

Prices to Suit, 10 to 30c.

Roses!

CHOICE, MEDIUM and HIGH-GRADE. EXTRA SELECT
BRIDE, BRIDESMAID, METEORS, PERLES, \$3.00 to \$4.00

Wire Work. Garnations!

Our Selection, \$1.00
Good, Medium and
Fancy, \$1.50 to \$2.50

SEE! SEE!

We discount any list; send it
in, we will make a lower price.

We don't care who we step on.

Violets!

Lady Campbell, Farquhar and
M. L. All choice, never
better, \$1.00 to \$1.25

Valley!

THE BEST,

\$4.00 to \$5.00

LEUCOTHOE, 10c per 100 GALAX, Green, 20c per 100;
\$1.50 per 1000

SMILAX, 15c.

HARDY FERNS, \$2.00 per 1000.
25c per 100.

ADIANTUM, 75c to \$1.00.

Am. Beauty, Short, 75c to \$1.00

Am. Beauty, Medium, \$1.50 to \$2.00

Am. Beauty, Choice, \$3.00

Am. Beauty, Fancy, \$3.50 to \$4.00

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Palms and Ferns NOW

We have a fine and large stock in popular sizes. Send for our list.

Use Our Improved **Cut Flower Box.**

Sample box, with list of sizes and cuts, mailed free.

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THE FINEST COLLECTION IN AMERICA.

A Sett of Selected Double Bedders.

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A Striking Sett of Ivy Leaved Varieties.

A Full Line of the Introductions of 1899 in all the above sections.

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MANUAL**
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WILLIAM SCOTT

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PRICE \$5.00.

You will surely want this great Reference
Book, which will be ready for delivery
within a week.

Florists' Publishing Co.

CAXTON BLDG., CHICAGO.



CHRYSANTHEMUMS

CHRYSANTHEMUM SOCIETY OF AMERICA.

The committees judging seedling chrysanthemums will now be in session every Saturday to and including Nov. 25th. Exhibitors should make their entries (for which a fee of two dollars is charged for each variety entered) to the secretary not later than Tuesday of the week they are to be shown.

All exhibits forwarded to the following addresses (express charges prepaid) will receive careful consideration:

Boston, Mass.—A. H. Fewkes, Horticultural Hall, Tremont street.

New York, N. Y.—E. Dailedouze, care New York Cut Flower Co., 119 West Twenty-third street.

Philadelphia, Pa.—A. B. Cartledge, 1514 Chestnut street.

Cincinnati, O.—R. Witterstaetter, care Cincinnati Cut Flower Co., corner Fourth and Walnut streets.

Chicago, Ill.—C. W. Johnson, care Illinois Cut Flower Co., 51 Wabash avenue.

ELMER D. SMITH, Sec'y.

CHRYSANTHEMUM SOCIETY'S SILVER CUP.

The officers of the Chrysanthemum Society of America have decided to award a silver cup (valued at \$20.00) to the seedling which averages the highest number of points. To be eligible in this contest, the seedling must be shown to at least three committees, and from their scoring an average will be made. ELMER D. SMITH, Secretary.

CHRYSANTHEMUM SOCIETY.

Work of the Committees.

BOSTON, MASS., Oct. 14.—Grove P. Rawson, Elmira, N. Y., exhibited "Primo," a white, Japanese variety, scoring commercial scale 87 points.

NEW YORK, Oct. 21.—Hewey A. Molatsch, Brooklyn, N. Y., exhibited Walter Molatsch, a yellow Jap. Inc. variety, scoring commercial scale 89 points.

PHILADELPHIA, Oct. 21.—Above variety by same exhibitor was shown at Philadelphia and scored commercial scale 87, exhibition scale 86 points. Wm. Paul Binder, Rider, Md., exhibit-

ed Georgina McDonald, a reflexed white, which scored commercial scale 82 points, exhibition scale 83 points.

CINCINNATI, Oct. 21.—Nathan Smith & Son, Adrian, Mich., exhibited Monrovia, a yellow Jap. variety, scoring commercial scale 85 points.

CHICAGO, OCT. 21.—Monrovia by above exhibitor at Chicago scored commercial scale 83 points.

ELMER D. SMITH, Sec'y.

CHRYSANTHEMUM NOTES.

Exhibitions and Exhibition Flowers.

Exhibition time is here, and a town that cannot raise some kind of a flower show is certainly behind the times.

Everybody admits that a flower show helps business in the florists' line, and the grower with mums good enough to capture a few first prizes, will also capture the cream of the business in his vicinity. There are many ways of winning prizes, or rather many ways of helping to win prizes, the most important one being to set up your flowers in the freshest possible condition. When the show is in your own immediate vicinity, it is an easy matter to set up a fresh looking lot of flowers, but when you have to travel several hundred miles it becomes a more serious problem.

Exhibition flowers ought to stand in water at least 24 hours before packing to allow the stems to absorb all the water they will hold. If this is done the flowers come out of the box at the end of a long journey fresh and crisp, and little the worse. We always wrap each individual bloom up in waxed paper, tied round the bottom first, and then drawn upwards and tied at the top. The Japanese types like Morel are very easily bruised, if not treated in this manner, but the compact types like Bonnafon, with its heavy foliage, are not crushed nearly so readily. It is a good plan to tie some very damp moss on the end of the stem, and then tie a sheet of wax paper round the moss to retain the moisture.

One or two growers in the east have special boxes made for shipping their flowers standing bolt upright. Flowers so shipped are not bruised in any way, but the box is bulky, and not

very handy to get around with. Flowers packed lying down, if packed carefully, travel good enough for all purposes when each flower is tied up separately in waxed paper.

Another great help in winning prizes is discrimination in entering classes. Enter just such classes as you have a reasonable chance in and don't try to capture the whole show. This applies more to the large exhibitions. Where the show is a local one, and small, the more flowers you set up the better to make as brave a display as possible. I should like to see every town in the country with its mum show. It educates the masses, booms the florists' business, gives the hard-headed (and often close-fisted) florist a line on some newer kinds that have stood the test satisfactorily, and gives the mum crank a chance to make a public nuisance of himself, by recalling a flood of reminiscences from the time of the Salter seedlings down to Calvat's or Smith's or May's new ones of last year.

I sometimes wonder if the varieties of the present day are really an advance on the Elaines and Lady Selbourne and C. Damage and other special favorites of my own era. Of course, really, they must be, since every year new varieties are sent out that "will supersede all others in their respective colors" and yet and yet, I sometimes wonder.

I looked over an old catalogue the other day for the year 1892, and of several hundred varieties there described but one, G. W. Childs, is known today. Peace be to the memory of those departed.

BRIAN BORU.

ROSE NOTES.

We are in the midst of very unseasonable weather with the temperature up to the midsummer notch. There have also been a number of days when the sun was shining brightly early in the morning and when syringing was well under way the sun would disappear and a dark, warm day with wind from the south was the order. During such periods as these the grower has his hands full to keep his stock in health.

When the plants are wet and it turns cloudy, keep on as much air as the at-

mospheric conditions will permit, and some heat from the pipes, even though the temperature inside does rise higher than under normal conditions.

I have seen several places lately where bad results have occurred in the form of mildew and blackspot from the weather we are having.

All roses should be in full growth at this season and if they are not kept a little dry until regular firing can be had they will make a soft growth. If kept so the breaks are likely to get stronger.

Don't neglect the regular fumigating of the houses; do it often and lightly, as there is less danger of discoloration of buds. Be as regular in applying sulphur to the pipes. If you desire more stock than ordinarily at the holidays, some of the buds must be taken off now; it will be advantageous, too, as the mums will have their ining. There will be plenty of routine work in cleaning benches and tying up plants. Keep the walks and under benches clean and throw air slacked lime under the benches. A. O. T.

ters or glass, for you don't want them to be soaked too much. This is an important point, and if the bundles have been dipped and the soil is moist they will not want any more water.

There used to be an idea years ago that valley roots, or rather the pips, must be frozen. You hear nothing of it now and it is not essential, but if frozen in the ground it does no harm, as they are of course the hardiest of hardy plants. Don't attempt to force any of this fall's importation before New Year's. It is cheaper to buy your flowers if you don't have cold storage roots.

Lilies.

Bermuda lilies that are wanted for early forcing will bear a good, strong heat, providing it is light. Few plants are troubled more with the aphids, and if you will dilute the Rose Leaf extract 50 to 1 and squirt a little into the rosette of leaves when the buds are forming you will save much smoking.

The Easter lot of Harrisii and longiflorum that are still in the cold-frames should not be allowed to get too wet from the rains, and be sure and have the means of protecting them in case of a sudden sharp frost. I have had Harrisii much damaged by a severe frost, which spoils their young leaves, which would afterwards be their bottom leaves.

There is lots of time yet to pot Japan longiflorum for Decoration Day. We had a fine lot for that purpose last year, and potted them in November, leaving them in a frame till New Year's, and then kept them in a house that went down to 40 degrees every cold night, and they came in exactly right.

Hollyhocks.

We believe that there is again going to be a big demand for hollyhocks next spring, and for that purpose we sowed seed in August, and the seedlings are now fine plants in 3-inch pots. Nearly every one would tell you to keep them in a cold-frame during winter. That is not the way to produce fine plants that will flower early and finely. Keep them on some cool, light bench where you can look after them. You will get 25 cents each for them next April, and that will pay just as well and better than many other things. I have done this before and proved it a great success. If you don't have these plants they are most difficult to procure. You can read flaming advertisements about "My extra fine field grown double hollyhocks," but when you write for them it is the same old story: frozen out or sold out; and the extra fine was simply the picture and type.

WM. SCOTT.

POND OF HARDY AQUATICS

The accompanying engraving gives a view of one of the ponds of hardy aquatics at Lincoln park, Chicago, as it appeared in September. As will be noted there was a good show of nelumbiums and various nymphaeas. On the left margin in front of the bridge is



Bulbs.

You should not neglect to get in all your forcing bulbs, tulips and narcissus specially. Of course you have an early batch that were boxed weeks ago. Remember that tulips do just as well when the bulbs almost touch. We get 72 bulbs in a box that is 24x12 inches.

We have had such copious rains that watering the beds of flats has not been necessary, but wherever rain has been short it is of the greatest consequence that you give the whole bed a thorough soaking; a good one while you are at it, as it must go through the 2-inch covering of soil and wet the three inches in the flats.

Roman hyacinths will stand a strong forcing if you need them, but the paper white narcissus are best brought along coolly and those wanted for the holidays should be at once put into a light house where it is 50 or 55 degrees at night.

There will be very few hyacinths grown this year. The orders are not half filled, so you had better take care of those you have. Put them in a cold-frame where the pots will have a dry bottom and after the two inches of covering of earth or ashes you should cover with five or six inches of litter, and glass. The extra covering and the sash need not be put on at once, but you need it in very hard weather to keep the pots from cracking and the roots from being too much soaked.

Azaleas.

The azaleas will be arriving and I hope all in good order. Don't forget after trimming the roots if necessary to soak the ball for a few seconds. Whether apparently dry or not, you should do this, as you never can thoroughly wet the roots so well after firmly potting. This practice applies

not only to azaleas but to rhododendrons, metrosideros or any of the hard wooded plants that are now arriving. Be sure not to put any of them into a house that is liable to go up to a high temperature, either with fire or sun. A cool, shaded house, with a daily moistening of the foliage, is what they want.

It's a foolish man that does not change his mind, and we regret very much that we ever advised anyone to throw away their unsold azaleas. We have carried through summer a few hundreds of azaleas, acacias and metrosideros that are equal if not superior in bud and leaf and health to the best that were ever imported. The latter two are, of course, far superior to newly imported plants, and the azaleas will force finely. Varieties that won't force for Christmas when freshly arrived come in quite easily when grown here during summer. Any showing the buds prominently should be put into 60 degrees at night and kept syringed. Deutsche Perle, Simon Mardner, Vervaeneana and several others will come in all right for the holidays.

Lily of the Valley.

When the lily of the valley arrives don't let it lie around unpacked unnecessarily long. It may be very dry, which can't possibly do the roots good. Unpack them and if there is any choice, sort them, the strongest pips to be used first and the smallest pips for the latest forcing. If the roots are dry, soak them a moment and put away in boxes with a little soil between the bunches and an inch over them. If you force many thousands you can put them in trenches, but if only 500 to a thousand a week they are as well in boxes, then you bring in just what you want. Cover the roots with shut-



Pond of Aquatics at Lincoln Park, Chicago.

seen a large clump of *Eulalia zebrina*, and a little to the left of the grasses are a number of plants of *Helianthus orgyalis* in good bloom.

The side of the rustic stone bridge is covered with the wild grapevine. At the right end of the bridge is a very effective clump of a native water reed. The prominent shrub on the right margin of the pond is *Aralia spinosa*. On the margin in the foreground is seen a colony of the native *sagittaria*.

THE COMMISSION BUSINESS.

The cut flower commission business is one of the hardest of all lines of trade.

First there is the weather. When we have a cold snap following a few warm days, stock checks up and the out-of-town buyer thinks he is getting the worst of it on account of the high prices charged. If the weather remains warm he still feels that he has the worst of it and says the commission man sends out old stock, when he ought to know that it was entirely due to the hot weather that the flowers did not carry and keep as well.

Second, he must please the buyer, and to do this he must get the best in the market, which means that he must buy stock if better is to be had than that he has on hand. Here the

commission man stands between two fires. He may have thousands of flowers of the sorts called for, but not enough of a quality fit to ship, and when he goes out to buy he may meet a lot of retail men who will at once assume that it will be of no use to visit his place for stock, "For I saw their buyer in the market looking for stock," though at the same time, as above stated, he may have thousands of these same flowers in fine shape for home use, but not fit for shipping.

Third, the grower must be pleased. If not, you could not run a commission house, for you would not have any flowers to sell. Often a case of this sort comes up. Monday the grower happens in, and at the time trade is "out of sight." He sees his stock sold at a fat price. The next day the weather is warm and on the following day there is double the supply. The retail man is afraid to buy because the stock is soft, so he cuts down his purchases and takes only what he must have. The weather remains the same, stock is still soft and lots of it everywhere, the market goes all to pieces, and it takes a cold snap to check stock and get it back to where it was the Monday your visitor called. He comes again and sees hundreds of pots of old stock on hand, and at once talks of

overproduction, or a thousand and one other causes for such happenings. But if you will look back for any length of time you will see that the same thing happens over and over again. These gluts come and go. But the commission man has to bear the brunt of it, for when it is not the producer, it is the buyer.

Fourth, and possibly as bad as any, in the spring and fall, when any old greenhouse will produce stock, the man that should be a buyer is a shipper, and he wonders how it is that when he buys the commission man always charges him a fat price, though when he ships he gets little or nothing.

That is easily explained. A commission man that is up to date must protect the grower that grows for him and ships regularly. And it is easy to see that if a little fellow (or a big one, for that matter) is sending stock to sell, then there is more from the regular shipper than can be disposed of at a proper figure. And when he gets around to sending orders instead of stock to sell, flowers have become scarce, and the fact that he has become a buyer makes extra demand, and that extra demand is what makes the price.

Strange as this may all seem, it is too true. If the commission man could

always sell all he had at a good price he might tell a different story. The grower laughs in his sleeve when things go his way, and the buyer does likewise when he can dictate the price. But the man that handles the stock must get it thrown into him either way, therefore the opening remark, that it is the hardest of all commercial lines.

CHARLEY'S AUNT.

COMMERCIAL VIOLET CULTURE.

Commercial Violet Culture. By Professor B. T. Galloway, Chief of Division of Vegetable Physiology and Pathology, United States Department of Agriculture, Washington, D. C. 224 pp., small octavo, in flexible covers of royal purple cloth and gold. Publishers A. T. De La Mare Printing and Publishing Co., Ltd., New York. Price \$1.50.

In a general way the needs of the violet, as a commercial flower, have been dealt with in gardening papers as well as in books treating upon the subject of management of greenhouses, but we believe Professor Galloway offers to the reading public the first work fully exhaustive and comprehensive in its nature, devoted solely to the commercial culture of that very popular flower—a treatise on the growing and marketing of violets for profit.

In the preface to his most interesting and instructive book the author remarks that more people have embarked in the business of growing violets and failed than is the case with any other crop, and "for this reason we believe that it is one of the most promising fields for the young, energetic, and intelligent man to enter. Whoever enters it, however, must recognize at the start that there are many difficulties and that to be successful means much labor, patience and determination to overcome all obstacles. . . . Reading will help but without the ability to apply what is learned by reading little progress can be made." He then goes on to state that the information imparted is the result of practical experience in many cases dearly bought.

Without much ado Professor Galloway at once dives into the work in hand, furnishing a list and description of the more important varieties of violets now grown in America with a brief history of each and compares the methods of culture past and present. The very important item of soil is then thoroughly gone into, giving details of handling, mixing, amount to use, etc. Chapter III is one of the most valuable in the entire volume. It treats on the construction of houses and frames, providing a detailed statement in regard to the points to be considered in the erection, heating, ventilating, etc., of what he believes the house best adapted to the needs of the violet—the even span, running north and south. Numerous illustrations from life assist the reader in clearly grasping the context. The approximate cost of a 100-foot house, 12 feet wide and 7 seven feet to ridge, with a 20-inch opening on sides, is also furnished, together with much valuable

information relative to frames and sashes. A chapter on water supply is followed by one on the propagating, selecting, cleaning and watering the plants, planting, feeding, etc. The all-important matters of temperature and ventilation then receive attention, and in tabulated form are presented temperature records of a violet house for five months of the winter period, made for the author by the well-known violet grower, Wm. George Saltford. Then follows a very useful chapter on "Handling and Marketing the Crop," which contains some excellent advice.

The subject of bunching is then very fully gone into as well as that of packing the flowers. A chapter that proves of extraordinary interest is the one devoted to diseases and insect enemies and their treatment. No man has given more attention to these perplexing questions than the author, and the information which he furnishes relative thereto is worth many times the price of the book. Every known disease and insect attacking the violet, and there are quite a number, comes in for its due share of consideration, and is treated in a manner that only one of Professor Galloway's attainments can handle it. The numerous illustrations from living subjects will be found of great assistance to the grower in diagnosing the various troubles.

The final chapter deals with cost and profit. The following are the author's conclusions on this very interesting subject:

"On the whole, it may be said that the income from 10,000 plants grown in houses, and handled properly, should, year in and year out, average \$5,600, while the total expenses should not exceed \$1,500. This means an average yield of 75 flowers per plant and an average price of 75c. per 100 flowers.

"Violets can be grown in frames cheaper than they can in houses. With good care the total cost per plant will not exceed 5c., or 10c. per 100 for the flowers, reckoning that the average yield of the latter is 50 flowers per plant. Such flowers ought to net the grower 50c. per 100, leaving a profit over all expenses of 40c. per 100, or approximately \$4 per sash. Finally, it must be remembered that while these figures are fair averages and are based on actual experience, they cannot be approximated without strict attention to every detail."

The book is elegantly printed, handsomely bound, and contains superb illustrations, embracing 60 plates, plans, diagrams, working drawings of model violet houses, etc., and is one we can confidently recommend as being in the front rank of practical hand books of modern times. It should be in the possession of everybody interested in violets.

SOCIETY OF AMERICAN FLORISTS.

NEW YORK.—The Grand Central Palace has been selected by the committee for the next convention of the Society of American Florists.

CHICAGO.

The Market.

There is a large supply of flowers in the market and an unusually large amount of poor grade stock, especially roses. The plants of many growers seem to have suffered severely from the hot weather, the temperature last Monday reaching 82 degrees, according to the thermometer of the weather bureau, and 90 degrees in the shade by the thermometers of several florists.

As the result of these conditions the commission man has had to do a great deal of sorting to get out a sufficient supply of shipping stock, and he has found life somewhat unpleasant in consequence. Some growers seem to have suffered much less than others from weather conditions, and report stock fully up to the average for the season, but these seem to be exceptional cases.

Chrysanthemums are in fairly good supply, but they are generally late all around. Some report their mums as fully two weeks later than last year. Mums in the market are moving well at fair prices.

Reinberg Bros. grew a few houses of mums this year and are now cutting some excellent blooms. This is their first venture in the chrysanthemum field. Their Meteor roses are producing some unusually fine blooms, and their Triumph carnations are extra good for the season.

Bassett & Washburn report a splendid demand for fancy carnations, especially for G. H. Crane, America, White Cloud, Gold Nugget, Frances Joost and Cerise Queen. They think a good deal of Frances Joost and believe it will prove the very best of the pink carnations.

Kennicott Bros. Co. have completed the changes in their big cold storage room, and it certainly is admirably arranged.

McKellar & Winterson are receiving some large consignments of very fine cattleyas and other orchids. They are also handling wintergreen, which makes up into very pretty wreaths, the foliage being very attractive and the berries holding on well.

Violet sales picked up with the advent of the cool weather last week, but there was a relapse with the change to hot weather again. Quality has held up very well.

Club Meeting.

At the annual meeting of the Florists' Club, held last Friday evening, officers for the ensuing year were elected as follows: James Hartshorne, Pres.; F. F. Bentley, Vice-Pres.; C. W. McKellar, Rec. Sec'y; John Degnan, Fin. Sec'y; Edgar Sanders, Treas. The new trustees are: J. B. Deamud, A. L. Vaughan, Chas. Dickinson, E. F. Winterson, A. Henderson.

The officers-elect were appointed a

committee to arrange for the annual banquet to be held during the chrysanthemum show.

The sum of \$50 was appropriated for a special prize at the coming show.

Four new members were elected

Chrysanthemum Show.

The dates for the annual exhibition, November 7 to 11, are rapidly approaching. A supplement to the premium list has been issued announcing several new classes.

Special premiums offered by Kennicott Bros. & Co. are for "Best 25 blooms, chrysanthemums, Major Bonaffon, \$10.00," and "Best three vases of 50 blooms, carnations, any varie-

the arrival last Sunday of a bouncing baby boy.

Mr. M. F. Kyle has gone to Kalamazoo, Mich., to take a position with the Dunkley Floral Co.

A building permit for a greenhouse to cost \$4,000 has been issued to the officials of the home for incurables, Fifty-sixth street and Ellis avenue.

Recent visitors: C. S. Ford, New York; E. G. Hill, Richmond, Ind.; Julius Roehrs, Jr., Rutherford, N. J.

Bowling.

The annual meeting of the Bowling Club was held last Friday evening and officers for the coming year elected as follows: P. J. Hauswirth, Pres.; M.

even cheaper than the fakir sells them on the street corner we must now class them below the fakir. This state of affairs does not hurt the business half as much as it hurts those who display these cheap signs.

The better class of roses, such as Beauties, with good long stems, sell from 18 to 25 cents each; shorts, from \$5 to \$12.50 per 100. Meteors are not so good; too many culls among them; \$3 to \$5 is the price on them. Kaisers, Brides and Maids, choice stock, bring \$5 and \$6; seconds, \$2 to \$4; Weetons, \$3 and \$6, and Perles, \$2 to \$5.

Carnations are more plentiful than they were, but not any too many and are generally all sold. The demand for white is good. Scott, Daybreak, Eldorado and Portia sell well. Violets have been selling well, especially California. Small single as a rule don't sell when California are on sale. Price during the week was 35 cents for California, 15 and 25 cents for the small ones. There was quite a demand for valley the past week at \$4 and \$5. Smilax also sold well.

Chrysanthemum Show.

The prospects for the coming chrysanthemum show are very flattering. The final programs will be out Tuesday, Oct. 24, and will be mailed at once to the growers. Should any one, who would like a copy, be overlooked, address J. J. Beneke, 1222 Olive street, and their letter will receive prompt attention.

The big posters for the show are out and in the windows of the florists and other stores. They make a fine appearance. The committee will meet again this week and arrange all matters pertaining to the show.

Mr. James Gurney, of Tower Grove Park, and Prof. Wm. Trelease have promised the committee that they will make a fine display of crotons, for exhibition only. A visit to the garden and park found everything looking in fine shape and at their best. The new ageratum, Stella Gurney, and the new salvia, St. Louis, are certainly beauties. These will be handled by H. A. Dreer, Philadelphia, next season.

Various Items.

Our visitor this week was Walter Mott, representing H. A. Dreer, Philadelphia. Walter reports trade in his line good.

Members of the Florists' Club should not forget the next meeting of the club Nov. 9 at 3 p. m. The season passes for the show will be distributed among the members in good standing at this meeting. President Ammann wants all members to attend, as he has something very interesting to tell them. The trustees, also, have promised one if not two essays that will be worth, to any of the members, spending a half day at the meeting. F. W. Pape, the new superintendent of city parks, will make application for membership at this meeting.

The annual Shaw banquet to florists,



Booth of Lewis Ullrich in the Street Carnival at Tiffin, O., Sept. 5 to 8.

ties, \$10.00." The Quaker City Machine Works offer as a second premium in the international competition in chrysanthemums, a \$25.00 set of the Evans Challenge ventilating apparatus. A new class 179B, is for "Best fifty blooms of any variety of carnation, introduction of 1899."

Superintendent Rudd is feeling jubilant over flower show prospects. He says that \$5,000.00 rental for the Auditorium theatre does not trouble him at all. The society has never before had a decent place to hold an exhibition.

This year, with the most magnificent hall in the country and a premium list offering double the money that any other society offers, if the show does not beat all records, he will go to New York and learn how to do it.

Various Items.

Mr. C. A. Samuelson had a large wedding decoration at Dubuque, Iowa, this week.

Mr. O. P. Bassett leaves Saturday for an extended trip through the east.

Mr. Chas. Dickinson is rejoicing over

Barker, Vice-Pres.; A. Henderson, Sec'y and Treas; John Degnan, official scorer. E. F. Winterson was selected as Captain.

ST. LOUIS.

The Market.

Trade is improving steadily. The chrysanthemum is much in evidence, but only the poorer grades are numerous, the real silk-edged quality is yet to come. Glory of Pacific, Bergmann and Kate Brown are the only ones in now, but by the end of the present week the better quality is expected. Those in the market brought from \$4 to \$15 per 100. The public has not yet taken to buying them as they will later on, and the sale on them seems rather slow.

The rose market was overstocked all of last week and the ice boxes of the wholesaler were filled to the top until Saturday. Then they were all sold out at the rate of \$5 per 1,000 and those who bought them had signs in their windows. "Roses, 15 cents per dozen." Of course they were not worth more, if as much, and as this price is

nurserymen and gardeners will take place at Mercantile Club, Saturday night, Nov. 18th.

Bowling.

The Bowling Club rolled again on the new alleys, Monday night, and the scores are a great improvement over last Monday. They were as follows:

	1st.	2d.	3d.	4th.	Tot.	Av.
C. Beyer	128	188	165	176	657	164
C. C. Sanders	171	159	154	134	618	154
C. A. Kuehn	139	157	164	149	609	150
J. W. Kunz	152	147	154	116	569	142
Emil Schray	179	127	128	111	545	133
John Young	145	91	139	148	523	130
F. Fillmore	89	128	87	116	429	105

J. J. B.

DETROIT.

It is some time since Detroit has been heard from, but we are rested up after the good times at the convention and caught up with our work, so will try and come out of our shell again. Business has been very good until the very warm weather came on, which had a tendency to check it. Flowers have been scarce since the frost, but are catching up again now. There are some changes in business locations on the avenue. Mr. J. F. Sullivan has moved into a much better store farther down town and was very glad to leave his old quarters, for the place was badly infested with rats. Mr. H. G. Flammer has also opened up a retail place at 231 Wood, so that we now have four retail places in one block. Mr. A. Ferguson has retired from the retail and will confine himself to the wholesale trade in the future.

The Florists' Club thought the officers did so well last year that they elected them for another year. The members are looking forward to the annual outing, to Mt. Clemens, to visit the establishment of Breitmeyer & Sons. Two weeks ago the writer had the pleasure of welcoming twenty-three members at his home and, strange to say, they found no fault either with him or his stock. The bowling fever is beginning to show symptoms of breaking out again. **RAG.**

FLATBUSH, N. Y.

No, it was not a band of Indians on the warpath out in Arizona, nor yet was that rattling the noise of shooting in the canons of Wyoming, it was only a match game at bowls between the florists of Flatbush and New York. The scene of strife was on the Flatbush alleys the night of Oct. 19th. Yes, it was a hard fought battle; every man had the light of determination in his eye, and the visitors and partisans supplied an abundance of noisy encouragement.

We notice that these same alleys are fast becoming the most interesting bowling ground in this part of the country, for you are sure to find a crowd there whom it is impossible to meet elsewhere. There is no limit to the fun here; it is forced upon you by unboundless dispensers. One of the best things to see is how the pin-boys clear the rails when Raynor gets a ball in his hand, and then again Louis is in-

deed king when he piles strike upon strike, as he did on this occasion. The Flatbushers got even with the New Yorks by winning the three games played. This makes both teams equal. The final series will no doubt be rolled off on some strange alley. The scores were as follows:

FLATBUSIL.

P. Riley	133	137	161
A. Zeller	147	134	178
L. Schmutz	201	126	183
J. Raynor	115	127	144
D. Mellis	135	156	121
E. Dailledouze	158	214	179

889 894 966

NEW YORK.

P. O'Mara	131	142	175
F. Traendly	134	109	108
A. Burns	154	169	122
T. Roehrs	121	129	159
J. Withers	117	116	127
T. Lang	186	153	137

843 818 828

A general set-to occurred after the match games, resulting so, Riley taking all the car fare:

W. Siebrecht	128	Woerner	106
J. Withers	120	P. Riley	164
T. Lang	154	L. Schmutz	158
J. Donlan	136	J. Phillips	138
A. Burns	145	J. Raynor	111
T. Roehrs	138	D. Mellis	163
P. Zeller	108	C. Woeker	123
W. Stewart	95	W. Prosser	112
G. Bennett	85	J. Ruppert	80
		V. Dorval	83

J. I. D.

PITTSBURG.

Plenty of flowers, especially roses and carnations. Even of Beauties there are enough. Mums are in the market. The varieties are Robinson, Henderson, Chalfant, Mrs. E. G. Hill and Simpson. Violets are in oversupply.

C. Blind, at West View, about one and one-half miles outside of Allegheny, has a large house of Brides and Maids that are looking fine, so are his mums which he is now cutting. A large house of carnations is coming in full bloom, and another house, filled with Meteors, is as good as Burki's. He has a bed of Mrs. Fisher which is worth seeing. Mr. Blind has a fine place; ten houses in all, and are heated with steam. **BEAR.**

CATALOGUES RECEIVED.

Meehans' Nurseries, Germantown, Pa., wholesale trade list; E. H. Hunt, 76 Wabash ave., Chicago, wholesale cut flower price list; Herendeen Mfg. Co., Geneva, N. Y., Furman boilers; W. F. Kasting, Buffalo, N. Y., wholesale cut flower price list; H. P. Kelsey, Kawana, N. C., hardy American plants and Carolina mountain flowers; also a circular in regard to ginseng, with full cultural directions; W. L. Rock, Kansas City, Mo., wholesale cut flower price list and price list of flower boxes.

WINCHESTER, VA.—Robert Steele, the well known florist, died Oct. 18, aged 96 years. He was born in Scotland and came to America in 1833. He has since resided here and conducted a large business. Mr. Steele was never married.

DES MOINES, IA.

Business is some better now than at this time last year and good stock short in supply; in fact, young roses are only producing a meager supply. Carnations are looking fairly well, but supply of cut bloom is inadequate to demand.

The Highland Park greenhouses are to be operated this winter, after standing idle a year, and this will give more carnations to the retailer than we had heretofore. Mr. Harter, formerly at the Ames Experimental Station, has rented the place for a term of years. Mr. Fulmer has disposed of his greenhouses and will devote his time to the new store at 408 West Seventh street, which will be his main place of business. **J. T. D. F.**

FLORISTS' HAIL ASSOCIATION.

The growth of the Florists' Hail Association has been steady, as will be seen by the following statement:

Sq. ft. Glass Insured.	Reserve Fund.
1888— 511,951	\$ 491.23
1889— 1,327,240	743.07
1890— 2,132,118	1,322.46
1891— 3,104,582	1,855.84
1892— 4,078,725	2,542.13
1893— 4,830,780	3,107.12
1894— 6,653,695	3,639.55
1895— 7,489,312	4,094.39
1896— 8,003,820	4,621.77
1897— 10,097,209	5,215.26
1898— 10,189,097	5,862.48
1899— 11,209,865	6,649.25

Nearly half a million feet of glass has been insured since the last report, and the reserve fund is now over \$6,800.00.

BALTIMORE.

The chrysanthemum show will be held in the Academy of Music, Nov. 13 to 18. Full information can be had by addressing Geo. Talbot, Secretary, Clifton Park, this city.

SHELBYVILLE, ILL.—Mrs. Martin has purchased E. M. Harwood's greenhouses and business. The greenhouses are being taken down and rebuilt in connection with her own plant. Mr. J. W. Canaga, formerly of St. Louis, is manager of Mrs. Martin's place, which is now the only florist's establishment here. Mr. Frank Shaffer, of Pana, was a recent visitor.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—A young man for greenhouse work at once. State wages. Christ, Winterich, Defiance, Ohio.

WANTED—Young man with some experience in greenhouse work. State wages wanted. Send reference. Goshen Floral Co., 121 E. Lincoln Avenue, Goshen, Ind.

SITUATION WANTED—As foreman, capable of taking charge. 10 years' experience growing for the Chicago market. Roses and general stock, or could fill private place, references. Address Wm. Kirkham, Box 44, Maywood, Ill.

FOR SALE—A bargain, if taken at once. \$150.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

M. RICE & Co., are exclusive Importers and Manufacturers of Florists' Supplies

MOSS WREATHS. IMMORTELLES. CAPE FLOWERS.
 BASKETS. POT COVERS. LACE and PAPER HANDKERCHIEFS.
 WHEAT SHEAVES. METAL DESIGNS. PREPARED PALM LEAVES.
 DOVES. CHENILLE. PEDESTALS.
 GRASSES. PLATEAUX. PALM PLANTS, Etc.

CATALOGUE FOR THE ASKING.

M. RICE & CO., No. 918 Filbert Street, Philadelphia, Pa.

Mention The Review when you write.

The Right Cypress for Greenhouse Material.

Have you heard of Cypress Greenhouse Material that has not been satisfactory? If you have it does not follow that Cypress is not the best lumber to use. There is White Cypress, Yellow Cypress and Red Cypress; there is Cypress that grows on the high lands and Cypress that grows in the swamps.

All of these different kinds are not suitable for greenhouse purposes. Do you know which kind is best and do you know that kind when you see it? If not you would better buy from those that do know and will deliver exactly what they sell. We introduced Cypress for greenhouse construction and pushed it to the front. We know all about it. For fifteen years we have made a specialty of furnishing it, and during this time we have built up a reputation that we can not afford to jeopardize. We send out the best only.

Write for Circulars or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

November Prices, Ready to Ship.

NEW GERANIUM—De Roo Mitting, yellow foliage, double pure scarlet bloom, \$1.20 per dozen, \$10.00 per 100.
NEW GERANIUM—Double Snow Drop, the best dbl. white bedder to date, \$1.20 per dozen, \$10.00 per 100.
NEW YELLOW BABY PRIMROSE—We have the only stock in the United States, \$1.20 per doz., \$10.00 per 100.
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 Also, **FORGET-ME-NOT, COLETS, BEGONIAS, PETUNIAS, VELVET PLANT, FEVEBFEW, etc.**, 2 1/2-in. pots, \$2.00 per 100, \$15.00 per 1000.
One year old ROSES—Mixed, per 100, \$4.00.
PANSY PLANTS—All sizes, write for prices.
HARDY GRASS PINKS—per 100, \$3.00.

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Special Low Offer

For ONE WEEK ONLY.
 To clean up stock.

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 6-inch pots, fair but not first rate stock,
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Just arrived, in fine condition, *Cattleya Mendellii* and *Laella Jongheana*, also *C. labiata*, *C. Speciosissima*, *C. Gaskelliana* and *C. Harrisonii*.

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Wholesale Florists,

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\$10.00 per 100.

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Strong Field Carnations
\$3.00 per hundred.

ROSES, Brides and Maids, 2½ and 3-in. \$3.00 per hundred.
CUT SMILAX, 8 foot strings, \$15.00 per hundred.

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Assorted Varieties, from 2-inch pots, to close at **\$1.75** Per 100

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Bellis Perennis, Giant Red, Snowball..... " 50c; " 4.00
Geranium, Double New Life, 2-inch pots..... " 4.00
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Ageratum, Princess Pauline, 2-inch..... " 2.00
Rose Geranium, 2-inch..... " 2.00
Grevillea Robusta, 2-inch pots, strong..... " 2.50
15 extra plants for every 100 ordered. Terms: cash or C. O. D.

HARDY HERBACEOUS PLANTS for Fall Planting.

Strong Clumps from 3½-inch pots, unless otherwise offered.

	100	500		100	500
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Geum Atrosanguineum.....	5.00	23.00	(Hollyhocks are one year field-grown plants.)		
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Scabiosa Caucasicca.....	5.00	23.00			
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This work is thoroughly practical and discusses fully: Varieties and their Origin; Localities where the Crop is likely to Prove Profitable; Requirements for Success; Construction of Houses and Frames; Heating Houses and Frames; Soils and their Preparation; Manures and Fertilizers; Propagation, Selection, Planting, Watering, Cleaning and Feeding; Picking, Bunching and Marketing; Diseases and their Treatment; Insect Enemies and Methods of Combating them; Cost of Producing the Crop, Profits, etc. Superbly illustrated with upward of 60 plates, plans, diagrams, etc., including Working Drawings of Model Violet Houses; Plans for Complete Heating Systems; Photographs Showing Methods of Handling Soil, Preparing the Beds, Bunching the Flowers, Packing for Shipment, etc. Numerous illustrations showing the character of the more important diseases are also given.

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4 Acres Field-Grown Carnation Plants, 100,000

.....Our Carnations are very fine. They have been grown with the greatest care, free from disease, and packed by our improved system of packing by which we can send to all parts of the United States in perfect condition.

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METEOR	CAP. KING		ALBERTINI	ELOORADO
PORTIA	ALASKA		SWEET BRIER	IVORY
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PANSY PLANTS. Grown from extra choice seed of our own production and not surpassed in variety, size, beauty of coloring and freedom of flower by any others grown.
50 cents per hundred, \$4.00 per thousand.

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Write for catalogue and prices.

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Send for prices.
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- Assume**—Do not answer if cannot fill order.
- Abrogate**—In case you cannot fill order, telegraph at once.
- Anticipate**—Answer at once, stating whether you can or cannot fill order.
- Ambition**—If you can only partially fill order, do so, and reply, stating what.
- Admiral**—Order must be sent on train mentioned only.
- Ambulance**—Want all of order filled or none, and prompt answer back.
- Adjusted**—If cannot send on train mentioned, next one will do.
- Affable**—Send prepaid by baggage master, if no express messenger on train.
- Decorate**—If cannot send all on train mentioned, send all you can, and send balance on next train.
- Admission**—This order is a substitute for my regular order.
- Dancing**—If cannot fill order exactly as specified, you may substitute according to your best judgment.
- Anchor**—This order is an addition to my regular order.
- Durable**—Colored flowers must not be substituted for white.
- Affection**—Fill if possible, even at extra expense.
- Fabricate**—Flowers ordered are to be re-shipped to a distance, therefore buds must be cut specially close.
- Fortunate**—Select extra stock and charge accorded.
- Devotion**—For cheap work, and can use second-class flowers, if at reduced price.
- Flattery**—If price has advanced since last quotation, do not send goods, but telegraph.
- Forgery**—This order countermands all previous orders.
- Formation**—Add these items to the order which you already have, but in case first order is already shipped, cancel this addition.
- Flamingo**—We are in a bad pinch; send us something to help us out, even if of poor quality.
- Flocking**—Have sent mail order; if not yet received, send following at once, and cancel mail order when received.
- Foraging**—This order includes all items previously ordered and wanted for this date.
- Superior**—Can use something especially fine, and am willing to pay accordingly.
- Skip**—If you are out, buy the best you can; we accept risk of getting "plekled" stock.
- Corporal**—If cannot send on night train, morning train will do.

THE CODE BELOW WILL BE USED IN ANSWERING YOU, WHEN NECESSARY.

- Elope**—Cannot fill your order to-day. Stock is scarce. Have tried to buy at other houses for you.
- Lecture**—Our store was closed yesterday when your telegram came. Received it this morning. Will ship by first train to-day, unless countermanded at once.
- Willing**—Cannot ship on train mentioned. Will send on next train possible to-day.
- Eclipse**—Will send part of your order. Balance scarce. Cannot get it at any price to-day.
- Artistic**—Cannot fill order to-day, if you want order filled (same order) to-morrow, wire us at once.
- Favorite**—Stock very poor, none better to be had. Will ship unless countermanded by..... o'clock.
- Fundament**—Stock named in this telegram has been sent, and balance, unless countermanded by telegram, will be sent on.....

THE FLORISTS' MANUAL, by Wm. Scott, is now in the hands of the binder, and copies will be ready for delivery within a week. Send in your order now.

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The following important subjects are very fully covered by Mr. Scott in the Florists' Manual under the letter L:

- Lantana.
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- Lawns (illus.).
- Libonia.
- Lilium (illus.).
- Lily of the valley (illus.).
- Linum.
- Lobelia.
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We close at 6:30 p. m. Sundays and Holidays at noon.

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AMERICAN BEAUTY	
30-35-inch stem..... per doz.	\$3.00 to \$3.50
24 " " " " " "	2.50
20 " " " " " "	2.00
15 " " " " " "	1.50
12 " " " " " "	1.00
Short..... " "	.75
METEOR per 100.	3.00 to \$4.00
BRIDESMAID " "	3.00 to 4.00
BRIDE " "	3.00 to 4.00
LA FRANCE " "	4.00 to 5.00
PERLE " "	3.00 to 4.00
CARNATIONS " "	1.50 to 2.00
MUMS, FANCY per doz.	2.00 to 3.00
" " ordinary..... " "	1.00 to 1.50

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76 Wabash Ave., CHICAGO, ILL.

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Orchids, High-Grade Roses, Carnations and Violets.
Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.
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American Beauties, extras, per doz., \$3.00 to \$4.00	Carnations, best long..... per 100, \$1.00 to \$1.50
" " long " 2.50 to 3.00	Violets " " " .75 to 1.00
" " medium " 1.50 to 2.00	Valley " " " 4.00 to 5.00
Meteors, extras..... per 100, 3.00 to 5.00	MUMS., all leading sorts, extras, per doz., 2.50 to 3.00
" " " " " 3.00 to 4.00	" " " " " fine stock " " " 1.50 to 2.00
Brides and Maids, extras " " 3.00 to 4.00	Smilax " " " " " per 100, 12.00 to 15.00
" " " " " " 3.00 to 4.00	Adiantum " " " " " " " .75
Perles..... " " 2.00 to 3.00	Common Ferns..... per 1000, 1.50

Above prices subject to change without notice.
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 FANCY DAGGER
HARDY CUT FERNS
 In 1000 lots, 75c per M. Discount on larger orders.
 Also dealer in **Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.**
L. B. BRAGUE, - Hinsdale, Mass.
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Special Sale of Primroses
 I am overstocked with Primroses and have to make room as soon as possible for other plants.
 The 2 1/2-in. are fit for 4-in. pots and the 3 1/2-in. are ready for 5 in. pots.
 All warranted A No. 1 stock.

	Per 100.	Per 1000.
Primula—Chinese Mixed, 2 1/2-in.,	\$1.50	\$12.00
" " Obconica, 2 1/2-in.,	1.50	12.00
" " Chinese, 3 1/2-in.,	3.00	25.00
" " Obconica, 3 1/2-in.,	4.00	30.00

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SMITH & SMITH,
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BROKERS IN
Greenhouse Real Estate, and Pipe, Glass, Fittings, and other Greenhouse construction material.
 We have an excellent good bargain--- Suburban Greenhouses and City Store-room. Write for particulars and price.
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Asparagus Sprengerii,
 2 1/2-in. pots..... per 100, \$6.00
ASPARAGUS TENUISSIMUS, 2 1/2-in. pots, " 4.00
CAREX VARIEGATA, " " 5.00
GREVILLEA ROBUSTA, 2 1/2-in. pots, " 5.00
VIOLETS, extra strong field-grown clumps of PRINCESS OF WALES..... per 100, \$8.00
CALIFORNIA " " " 5.00
 All of the above plants are in fine condition and are sure to give satisfaction.
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CABBAGE PLANTS Field grown, 15c per 100, \$1.00 per 1000; if by mail, add 10c per 100. Write for prices on large lots for fall planting.
Lettuce. Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, field grown, 15c per 100; \$1.00 per 1000. If by mail, add 10c per 100.
Parsley. Strong plants, \$1.50 per 1000. \$12.50 per 10,000.
 Other Vegetable plants in season. Cash with order.
R. VINCENT, Jr. & SON, White Marsh, Md.
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CYCLAMEN and PRIMROSES
....FOR CHRISTMAS.
 Cyclamen, in 4 colors, 4 and 5-in. pots, \$12.00, \$18.00 and \$25.00 per 100. Chinese Primroses, ready for 4 and 5-in. pots, \$5.00 per 100. Aracaria Excelsa, extra fine plants, 4-5 tiers, \$1.00 each. Cyperus, Umbrella plants, 4-5-in. pots, \$10.00 per 100.
 Cash with order, please.
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New Brides, Maids and Beauties.
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 Manufacturers of **WIRE & DESIGNS** and Dealers in
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Eglantine.
THE TRUE FRAGRANT SWEET BRIAR.
 1,000 Rosa Rubiginosa, 4 to 5 feet, per 100, \$5.00
 1,000 " " 2 to 3 " " 3.00
 1,000 " " 1 to 2 " " 2.00
 10,000 Berberis Thunbergii, per 100, \$3.00 to 7.00
T. R. WATSON, Plymouth, Mass.
 Mention The Review when you write.
 Always mention the Florists' Review when writing advertisers.

NEW ORLEANS.

In a lengthy interview, printed in the New Orleans Picayune of Oct. 17, Mr. Harry Papworth tells of what he saw on his recent northern trip, and expresses the conviction that in a few years the south will produce practically all the flowers and plants now brought from the north. Further, that the south will in the future supply the north with many plants, such as palms.

He says: "If every florist in New Orleans were to engage in growing palms they could not supply the demand in New York, Philadelphia, Boston and other cities." He announces his intention of going extensively into the business of growing palms, etc., for sending to the northern cities.

DENVER, COLO.

The Denver florists organized a bowling club on the 14th inst. with a membership of fourteen. Most of them tried their skill on the 18th with the following results:

	1st.	2d.	3d.	Av.
Charles Mauff	230	157	212	200
J. N. Jakobsen	188	196	169	185
John Berry	210	151	171	177
A. E. Mauff	172	175	175	174
John Ferris	196	149	168	168
George Brenkert	184	155	158	166
C. J. Thiess	156	109	229	162
Charles Webb	176	145	153	158
George Zimmer	179	156	125	157
Charles Franz	169	112	137	136
Robert Kurth	144	127	142	134
O. Freiburg	130	99	111	

J. B.

MINNEAPOLIS, MINN.

The Twin City bowlers made the following scores at the last meeting on the 17th:

	1st.	2d.	3d.	4th.	Av.
E. Nagel	162	134	133	131	140
G. Malmquist	136	132	171	162	153
J. Hartman	105	108	141	...	118
H. Barsch	129	124	98	97	112
G. Will	146	134	188	162	158
Hoppe	135	155	140	135	141
J. Monson	134	164	154	119	143

G. Will is getting the lead. It will be hard for any of the others to catch up with him in the average for the season.

N.

TARIFF DECISION.

By a decision of the U. S. General Appraisers at New York, Oct. 12, sunflower seed is held to be exempt under paragraph 656, act of 1897, as flower seed, and not dutiable as "other seed," under paragraph 254.

GALVESTON, TEXAS.—Mr. S. J. Mitchell, of Houston, has been selected to act as judge at the chrysanthemum show to be held here November 14 and 15. He will use the scale of points adopted by the Chrysanthemum Society of America.

THE FLORISTS' MANUAL, by William Scott, contains 207 articles all on plants or subjects of special value to the commercial florist.

40,000 'MUMS....

Between Oct. 10 and Christmas we shall market the entire cut of one of the largest growers about Chicago, 40,000 first-class flowers, All in every respect.

...THE VARIETIES...

- PINK**—Glory of Pacific, Maud Dean, Mrs. E. G. Hill.
YELLOW—Yellow Queen, Major Bonaffon, Golden Wedding.
WHITE—Fee du Champsaur, Mrs. Jerome Jones, Frank Hardy, W. H. Chadwick, Wanamaker, Mayflower, Ivory.

We are exclusively ROSE GROWERS and can supply the best qualities, including American Beauty, at all times.

We are also in a position to fill orders for the most popular varieties of CARNATIONS.

All orders shipped at market prices within two hours of receipt.

J. A. BUDLONG, 37-39 Randolph Street, Chicago.

Mention The Review when you write.

5,000 Begonia Rex and 5,000 Primroses, EXTRA FINE.

POT PLANTS.

Farquhar Violets, 2½-inch.....	\$3.00 per 100	Primrose, Chinese, 2¼-in., Extra Fine strain.....	\$3.00 per 100
Double White Stock, 2-inch.....	3.00 "	Baby Primrose.....	6.00 "
Forget-Me-Not (Winter Flowering), 2½-inch.....	4.00 "	Manettia bicolor, 3-in.....	6.00 "
Begonia Rex, assorted, 2¼-inch.....	4.00 "	GERANIUMS —2¼-in. Sweet Scented..	
named.....	6.00 "	Mrs. Pollock, Pansy..	4.00 "
Lemon Verbena.....	\$3.00, \$4.00 and 6.00 "	Mrs. Parker.....	6.00 "
Impatiens Sultana, 2¼-inch.....	3.00 "	Happy Thought, 2¼-in.....	4.00 "
		Silver Leaf, 2¼-in.....	4.00 "

ROOTED CUTTINGS.

GERANIUMS —Assorted.....	\$1.50 per 100	GERANIUMS —Mme. Sallerot.....	\$1.25 per 100
Mixed.....	1.25 "	Freak of Nature.....	4.00 "
Mrs. Happy Thought.....	3.00 "	Begonia Rex.....	2.00 "
Mrs. Pollock.....	2.00 "	" Incarnata Gigantea.....	2.00 "
Mrs. Parker.....	4.00 "	" Flowering.....	2.00 "
Silver Leaf, Rose Scented, Ivy.....	1.50 "	Impatiens Sultana.....	2.00 "
		Manettia bicolor.....	2.00 "
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Having made arrangements with R. Scott & Son to handle their entire stock of Cut Flowers this season, we will be able, after November 15th, to offer our customers a choice selection of cut blooms of this superb Rose -- LIBERTY. No live, up-to-date florist should be without this valuable acquisition.

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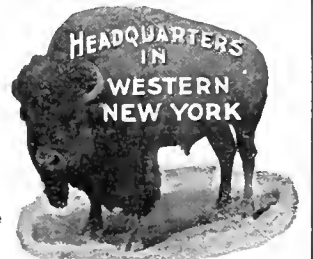
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Acacia Paradoxa, well budded, 50c, 75c and \$1.00 each.
Boblink & Atkins, Rutherford, N. J.

ACALYPHA.

Acalypha Sanderi, 2½-in. plants, \$12.50 per 100; \$1.40 per 10.
The Conard & Jones Co., West Grove, Pa.

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Princess Pauline, 2-inch, \$2.00 per 100.
Edw. B. Jackson, Stamford, Conn.

Ageratum, rooted cuttings, 50c per 100.
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ALTERNANTHERA.

Red and yellow, rooted, per 100, 50c; per 1000, \$4.00. E. I. Rawlings, Quakertown, Pa.

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A. excelsa, 2¼-inch pots, 6 inches high, 2 tiers, \$10.00 per 100. A. Bidwilli, 4-inch pots, 12 inches high, 2 and 3 tiers, \$25.00 per 100; 3-inch pots, 2 tiers, \$15.00 per 100. E. Ludemann, Pacific Nursery, San Francisco, Cal.

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ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengeri, 2-inch, 50 cents per doz.; \$4.00 per 100.
Geo. Wittbold, 1708 N. Halsted St., Chicago.

A. Sprengeri (very fine), 2½-in. pots, per doz., 50 cts; per 100, \$3.00; per 1000, \$25.00. Seawanhaka Greenhouses, Oyster Bay, N. Y.

Asparagus Plumosus and Sprengeri, 2-inch, \$5.00 per 100.
Geo. M. Emmans, Newton, N. J.

Asparagus Sprengeri, 2½-in., \$6.00 per 100. Asparagus Tenuissimus, 2½-in., \$4.00 per 100.
N. Smith & Son, Adrian, Mich.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

A. plumosus nanus, 5-in., \$3.00 per doz.
John H. Ley, Good Hope, D. C.

Sprengeri, 3¼-in., 5c, 4-in., 10c, both fine.
Benj. Connell, West Grove, Pa.

Plumosus, 2-in., fine, \$5.00 per 100.
Geo. L. Miller, Newark, O.

AZALEAS.

Azalea indica just arrived, 9-11, per doz., \$3.50; per 100, \$25.00. 10-12, per doz., \$4.00; per 100, \$30.00. 12-14, per doz., \$5.00; per 100, \$40.00. Large plants, \$1.00, \$1.50 and \$2.50 each.
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Lily of the Valley, highest grade. All 3 years old. From cold storage—for present delivery, \$12.00 per 1000 pips; case of 2500, \$28.50. Hamburg pips, best grade, \$9.75 per 1000 pips; case of 2500, \$23.50. Berlin pips, best adapted for early forcing, \$10.75 per 1000 pips; case of 2500, \$25.75. D. Landreth & Sons, 1001 Market St., Philadelphia, Pa.

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Freesia alba, ¾-inch diameter and up, \$3.00 per 1000; ½-inch and up, \$5.00 per 1000. Small bulbs, I guarantee all to bloom, as I have tried them. C. Ammann, 7th Ave. & 120th St., New York City.

Lil. longiflorum, 5-7, 100, \$2.50; 6-8, 100, \$4.00; 7-9, 100, \$6.50; 9-10, 100, \$11.00. Auratum, Rubrum, Album, etc. Send for list. H. H. Berger & Co., 47 Barclay St., New York.

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Home grown Tenuifolium Lily bulbs, \$7.00 per 100.
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Dutch Bulbs in any quantity.
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Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100.
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Flamingo canna. A nice stock of fine, large bulbs of this scarce dwarf crimson variety, fine for indoor culture, \$5.50 per 100, or 16 for \$1.00. Cash with order.
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20,000 named cannas, best. Send list of wants.
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Carex japonica var., strong plants from 3-inch pots, \$6.00 per 100.
A. H. Ewing, Berlin, Ont., Canada.

Carex Japonica Variegata, strong plants for propagating, \$5.00 per 100.
W. P. Carre, Mantua, N. J.

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Our carnations are very fine. They have been grown with the greatest care; free from disease. Packed by our improved system of packing they can be sent to any part of the U. S. in perfect condition. Mayor Pingree, Crimson Sport, Meteor, Portia, Scott, Butter Cup, Daybreak, Cap. King, Alaska, Fisher, C. A. Dana, Storm King, Albertini, Sweet Brier, McGowan, Armzindy, Jubilee, Eldorado, Ivory and L. L. Lamborn, \$5.00 per 100.
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Scott, Helen Keller, Kohlnoor, Tidal Wave, Sweet Brier, Storm King, Outcast, Victor, Daybreak and Meteor, \$4.00 per 100. The above are good No. 1 plants; good shape, no culls.
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Surplus of field-grown carnations all under shelter, in a cool house, ready for shipping. Maceo, Glacier, \$10.00 per 100. Duhme, Day-break, Victor, Argyle, Evanston, Pingree, Mary Wood, Armazindy, \$5.00 per 100.
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Scott, Portia, Eldorado, \$4.00 per 100. Flora Hill, \$3.00 and \$5.00 per 100.
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Coleus, rooted cuttings, 50c per 100.
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Cyclamen, select, 3-inch, \$12.00 per 100; 4-inch, \$15.00 per 100; 5-inch, \$25.00; extra select, 5-in., ready for 6-inch, \$4.00 per dozen; 6-inch, \$6.00 per dozen; 7-inch, specimens, \$12.00 per dozen.

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Cyclamen persicum gigantum, splendid stock of plants, assorted colors, in 3-inch pots, ready for 4-inch, \$7.00 per 100; \$65.00 per 1000. Emerson C. McFadden, formerly Pitcher & Manda, Short Hills, N. J.

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Cyclamen, 4 colors, 4 and 5-in., \$12.00, \$18.00 and \$25.00 per 100. H. Book, Worcester, Mass.

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Cyperus, umbrella plant, 4-5-in., \$10.00 per 100.
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Strong, 3 and 4-in., \$1.00 per doz.
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5000 Nymphaea Dahlias, strong roots, \$3.00 and \$5.00 per 100. W. P. Carre, Mantua, N. J.

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Bells Perennis, Giant Red and Snowball, 50c per 100; \$4.00 per 1000. Double Daisies, white and red, \$1.00 per 100.
Edw. B. Jackson, Stamford, Conn.

Snowball and Longfellow, 50c per 100; \$3.00 per 1000. Byer Bros., Chambersburg, Pa.

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4-inch pots, \$1.50 per dozen. J. Thomann, 312 Goodman St., Rochester, N. Y.

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Ericas for October delivery. Plants set with bud. All sizes of the best commercial sorts at reasonable prices.
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Cyrtomium Falcatum,	3-in.	\$1.00	\$ 8.00
"	4-in.	2.00
"	5-in.	3.00
"	6-in.	5.00
Blechnum Orientale,	2-in.	.50	4.00
Lomaria Glibba,	4-in.	1.50	12.00
Pteris Serrulata,	2-in.	.50	4.00
Pteris Argylea,	2-in.	.50	4.00
Pteris Tremula,	2-in.	.50	4.00
Pteris Umbrosa,	6-in.	3.00	20.00
Nephrolepis Exaltata,	4-in.	1.50	12.00
"	5-in.	2.00	....
Nephrolepis Pectinata,	4-in.	1.50	12.00
Nephrolepis Phillipensis,	4-in.	1.50	12.00
"	5-in.	2.00
Nephrolepis Bostoniensis,	4-in.	2.00
"	5-in.	3.00
"	6-in.	5.00

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Ferns, 30 new and choice sorts, 4-in., \$10.00 per 100; 10 new and choice sorts, 2-in., \$4.00 per 100. Nephrolepis Washingtoniensis, 4-in., \$3.00 per doz. Selaginella Africana, 3-in., 50c per doz. Adiantum hybridum, new, 8-in., \$1.00 each. Ferns from flats, nice little plants for small pots, 10 sorts, 100 free by mail, \$1.25. Adiantum cuneatum, extra large, 4-in., \$10.00 per 100. Careful packing. Cash with order.
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Boston Ferns. Fine pot grown plants ready for 8 and 10-inch, 75c and \$1.00 each. Excellent bench grown plants ready for 5, 6 and 7-inch pots at 40, 50 and 60 cents each. Now is the time to order and pot up.
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Ferns. Good variety and nice, bushy stock. 2 1/2-inch, \$3.50 per 100; \$30 per 1000. Packed in pots, 50c per 100 extra. Express paid to New York. H. Weston & Bro., Hempstead, L. I., N. Y.

Boston Ferns, N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$10.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rate.
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The Boston Fern. A specialty. Specimen plants, cut from bench, for 7, 8 and 10 in. pots, at \$50, \$75 and \$100 per 100. Cash or ref.
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1000 Adiantum Farleyense, strong 2-inch, ready for a shift, \$10.00 per 100. J. A. Peterson, 105 E. 4th St., Cincinnati, O.

Ferns. Fine assortment. 2 1/2-in., \$3.00; 3-in., \$6.00 per 100. John Bader, Troy Hill, Allegheny, Pa.

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Gardenia Florida, from 3-inch pots, 8-10 inches, branched, \$10.00 per 100.
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3-in., \$9.00; 4-in., \$15.00 per 100.
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Sweet Scented, Mrs. Pollock, Pansy, 2½-inch, \$4.00 per 100; Mrs. Parker, 2½-inch, \$6.00 per 100; Happy Thought, Silver Leaf, 2½-in., \$4.00 per 100. Rooted cuttings: Assorted, \$1.60 per 100; mixed, \$1.25; Mars, Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Silver Leaf, Rose scented, Ivy, \$1.50; Mrs. Parker, Freak of Nature, \$4.00; Mme. Sallerol, \$1.25. Cash or C. O. D.
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Geranium Novelties for 1900. The finest collection in America. A set of selected Double Bedders, Single Bedders, Fancy Doubles, Mammoth Fancy Singles and Ivy Leaved varieties. A full line of 1899 introductions in all the above sections, also a full line of selected standard bedders.

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100,000 Geraniums, rooted cuttings, of the best varieties:

	Per 100.	Per 1000.
Your Selection ..	\$1.50	\$12.00
Our Selection ..	1.25	10.00
Mme. Sallerol ..	1.25	10.00

C. A. Harris & Co., Delanson, N. Y.

New geraniums, De Roo Mitling, yellow foliage, double, pure scarlet bloom and Double Snowdrop, the best double white bedder to date, \$1.20 per doz.; \$10.00 per 100.
Morris Floral Co., Morris, Ill.

Apple scented geraniums. I have a large stock of this fine, fragrant geranium. Strong, healthy plants, 5 cts. each; \$4.00 per 100.
W. J. Hesser, Plattsmouth, Neb.

Rooted cuttings, Double Grant, \$1.25 per 100, \$10.00 per 1000.
Otis P. Searles, L. B. 1688, Nashua, N. H.

Double New Life, 2-inch, \$4.00 per 100. Rose geranium, 2-inch, \$2.00 per 100.
Edw. B. Jackson, Stamford, Conn.

Mixed, good assortment, not labeled, from 2-in. pots, \$2.00 per 100.
E. I. Rawlings, Quakertown, Pa.

GREVILLEA.

Grevillea Robusta, 2-in., strong, \$2.50 per 100.
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Grevillea Robusta, 2½-in., \$5.00 per 100.
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HARDY PLANTS.

For fall planting. Strong clumps from 3½-in. pots. Per 100. Achillea, "The Pearl," \$4.00. Anemone Japonica (white), \$5.00. Aquilegia, "Columbine," \$4.00. Hardy Pinks, "Her Majesty," etc., \$4.00. Caryopteris Mastacanthis, \$4.00. Digitalis, a fine assortment, \$4.00. Statice Armeria (Sea Pink), \$3.00. Hibiscus, "Crimson Eye," \$4.00. Myosotis Alpestris, \$3.00. Coreopsis Lanceolata, \$4.00. Gallardia Grandiflora, \$4.00. Candytuft Gibraltarica, \$5.00. Eulalia Japonica, \$4.00. Geum Atrosanguineum, \$5.00. Lavender, \$4.00. Matricaria (double white), \$4.00. Delphinium Formosum (blue), \$4.00. Scabiosa Caucasica, \$5.00. Campanula Pyramidalis, \$4.00. Lobelia Cardinalis, \$4.00. Sweet William, \$4.00. Helianthus Multiflorus Plenus, \$4.00. Japanese Iris, mixed sorts only, \$4.00. Lychnis Chalcidonica, \$4.00. Astilbe Japonica, \$6.00. Mountain Picea, \$4.00. Hardy Phlox, 12 very fine varieties, extra strong, \$4.00. Funkia Scaboidi, variegated, \$5.00. Alyssum Saxatile Compacta, \$4.00. Rudbeckia, "Golden Glow," \$4.00. Hollyhocks, one year field-grown plants, yellow, pink, scarlet and white, \$4.00. Yucca Filamentosa, \$4.00. Edw. B. Jackson, Stamford, Conn.

Just received from our Holland Nurseries: Rhododendrons, Azaleas, Spiraea Japonica, Lilium speciosum, Paeonies, Bleeding Heart, Pot grown Lilacs, Hydrangeas in sorts, Clematis and H. P. Roses in the best sorts. Prices moderate. P. Ouwkerker, 1123 Summit Ave., Jersey City, N. J.

Ampelopsis Veitchii, field grown, heavy, \$50 per 1000. Clematis paniculata, field grown, \$70 per 1000. Shrubs, a general assortment, \$30 to \$50 per 1000. California privet, 2 to 3 ft., \$30 per 1000. Box, dwarf, \$25 to \$30 per 1000. Elizabeth Nursery Co., Elizabeth, N. J.

Hollyhock Seed, fine double white or mixed, large trade packet, 20c. Hardy Pinks, Hollyhock and Sweet William seedling plants, by mail, prepaid, per 100, 50c; per 500, \$2.00. The seedlings will be mixed to suit purchaser in 500 lots. Cash.
F. A. Bolles, Lawnwood, Brooklyn, N. Y.

Blota Aurea Nana, a perfect gem, fine, shapely plants, bardy north, 10 to 12 inches high, \$10.00 per 100; \$50.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

Ampelopsis Veitchii, extra fine stock, \$50.00 per 1000. Large stock of other vines. Low prices on quantity. Clematis paniculata and flammula, Bignonia radicans, honeysuckles, etc. David G. Yates & Co., Mount Airy Nurseries, Philadelphia, Pa.

Hardy Herbaceous Perennials. The most complete stock in America. Paeonies, Phlox, Iris, Delphiniums, etc., etc.
Jacob W. Manning, The Reading Nursery, Reading, Mass.

Eglantine, the true fragrant sweet briar, Rosa Rubiginosa, 4-5 ft., \$5.00; 2-3 ft., \$3.00; 1-2 ft., \$2.00 per 100. Berberis Thunbergii, \$3.00 to \$7.00 per 100.
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Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

Magnolias, for spring delivery. Japanese Maples, deliverable now or in spring. Send for prices.
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Deutzia Lemoinell, 6-inch pots, \$3.50 per doz.; same, field grown, \$2.50 per dozen.
J. Thomann, 312 Goodman St., Rochester, N. Y.

Hollyhocks, Chater's, white, pink, red, blush, yellow. Aug. 1st sown, \$1.00 per 100; \$7.00 per 1000.
Byer Bros., Chambersburg, Pa.

F. & F. Nurseries, Springfield, New Jersey. Wholesale growers. Trees and Plants in full assortment. Trade catalogue free.

Achillea Ptarmica—The Pearl—fine for cut flowers, \$5.00 per 100. Chas. F. Drawiel, 433 5th Ave., Brooklyn, N. Y.

Splrea, A. Waterer, per 100, 3-year, \$12.00; 2-year, \$8.00; 1-year, \$5.00. The Conard & Jones Co., West Grove, Pa.

Azalea Amoena, Hardy shrubs and trees in great variety. Send for price list.
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Rhododendrons for forcing, 50c each; \$5.00 per doz. Well budded plants.
Bobbink & Atkins, Rutherford, N. J.

1000 Golden Glow, Rudbeckia. Write for prices.
Jos. Dunn, Orr's Mills, N. Y.

Coreopsis Lanceolata, from field, \$2.00 per 100.
W. P. Carre, Mantua, N. J.

Hardy Grass Pinks, \$3.00 per 100.
Morris Floral Co., Morris, Ill.

HELIOTROPE.

Purple and white, 2-inch, \$2.00 per 100.
Edw. B. Jackson, Stamford, Conn.

Heliotrope, rooted cuttings, the best, 75c per 100.
F. R. Thornton, Macomb, Ill.

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Otaks, red branched, Thos. Hogg. With 4 or more crowns, \$10.00 per 100; \$90.00 per 1000. With 2 or 3 crowns, \$7.00 per 100; \$60.00 per 1000. Extra good value, satisfaction guaranteed. Jackson & Perkins Co., Newark, N. Y.

Hydrangea Otaks, strong plants from the open ground, just right for potting up for Easter, at \$5.00, \$10.00 and \$15.00 per 100.

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Hydrangea paniculata gr., very strong, 75c and \$1.00 each. Fine for lawns, etc. Chas. F. Drawiel, 433 5th Ave., Brooklyn, N. Y.

Hydrangea Otaks, 2½-in., \$3.00 per 100. Strong plants. Cash please.
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IVY.

Ivies. From 4 to 8 runners, \$9.00 per 100. Cash.
L. Hoebel, Fort Lee, N. J.

MANETTIA.

Manettia bicolor, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

MUSHROOM SPAWN.

Best English Milltrack, just arrived, \$7.00 per 100 lbs. In 500 lb. lots at \$6.50 per 100.
Johnson & Stokes, 219 Market St., Phila., Pa.

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Myrtle for cemetery and carpet work. I have the largest and best stock in the country. Rooted cuttings, by mail, prepaid, per 100, 60c; per 1000, \$4.50. Large field-grown sods, per 100, \$6.00. Delivered free to any express from New York City. Cash.
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Orchids have for very many years been a specialty with the undersigned, and the collection is steadily augmented by fresh importations from the collectors of the firm. It is not easy, without seeing it, to form an adequate conception of the stock. Extent is simply immense. Quality fine. Prices moderate.
HUGH LOW & CO., BUSH HILL PARK NURSERY, ENFIELD, ENGLAND.

We beg to announce to the trade that we have our own collectors in the tropics shipping us Cattleya Trianae, Mendellii, gigas and aurea and Odontoglossum crispum (Pacho type) and will be pleased to book your orders, spring of 1900 delivery. We also have the finest collection of Laello-Cattleya hybrids—unique types. Catalogue may be had on application. Arnold & Co., Orchidists, 222 St. Marks Sq., Phila.

Just arrived in fine condition, Cattleya Mendellii and Laelia Jongheana; also C. labiata, C. speciosissima, C. Gaskelliana and C. Harrisoniae. Cherry wood baskets, moss and peat.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel.
W. Mathews, Utica, N. Y.

PÆONIES.

One year, grown from division, colors named, \$5.00 per 100. No order taken for less than 25 at above prices.
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Paeonies, indispensable for the florist, fine assortment, all colors.
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Latanias, 4-in. pots, 18 in. high, 4 and 5 leaves, \$2.00 per doz.; \$15.00 per 100. 6 in. pots, 20 to 22 in. high, 6 leaves, \$6.00 per doz.; \$45.00 per 100. 3 ft. in height and diameter, \$2.00 per plant, \$22.00 per doz. 3½ to 4 ft. in height and diameter, \$5.00 per plant. Areca Lutescens, 4-in. pots, 22 in. high, 2 and 3 plants to pot, \$4.00 per doz. 6-in. pots, 26 to 30 in. high, 2 and 3 plants to pot, \$12.00 per doz. 9, 10 and 11 in. pots, 2 and 3 plants to pot, with side shoots, 5 to 6½ ft. high, \$5.00, \$7.50 and \$12.00 per plant. Kentias, in several sizes, prices on application. Pandanus Veitchii, 6-in. pots, nicely variegated, \$1.00 per plant. 7-in. pots, nicely variegated, \$1.50 per plant. J. W. Colflesh, 53d and Woodland Ave., Phila., Pa.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS. Measurements from top of pot to top of tallest leaf.

	Pot H't Char.		Each.	Doz.	
	in.	in.				lvs.
Latania Borbonica,	2				\$.50
"	3				1.50
"	5	16-20	5-8		\$.50
"	6	18-22	5-7		.75
"	7	20-24	6-8	1.00	12.00
"	8	28-30	7-8	2.00	24.00
"	8	28-34	7-8	2.50	30.00
"	9	30-36	8-9	3.00	36.00
Coos Weddelliana,	3	14-18	4-6	.25	2.00
Kentia Belmoreana,	3	6-7	3-4	.25	2.00
"	3	8-10	4-5		3.00
"	5	18-20	5-6	.75	7.20
"	5	18-22	6-7	1.00	12.00
"	6	20-25	6-7	1.50	18.00
"	7	34-38	6-7	2.50	30.00
"	10			8.00	
Kentia Forsteriana,	5	20-24	4-6	1.75	7.20
"	5	25-28	4-6	1.09	12.00
"	6	26-30	6-8	1.50	18.00
"	7	36-40	5-6	2.50	30.00
"	10			8.00	
Ficus Elastica,	4	12-14		.25	3.00
"	5	16-18		.50	5.00
"	6			1.00	12.00

	Pot H't. Tiers.		Each	Doz	
	in.	lvs.			
Araucaria Excelsa,	3	6-8	2-3	\$.50	\$ 6.00
"	4	10-12	2-3	1.00	10.00
"	5	18-20	3-4	1.25	15.00
"	7	36-38	6-7	2.50	30.00

Dracaena terminalis, 4-inch pots, fine plants, \$3.00 per doz. Dracaena fragrans, fine plants, per doz., 4-inch, \$3.00; 5-inch, \$5.00; 6-inch, \$9.00.

Peperomia Argyreia, per doz., 2-inch, 75 cts; 3-inch, \$1.50; 4-inch, fine plants, \$2.00.

Geo. Wittbold, 1708 N. Halsted St., Chicago.

	Pot H't. Char.		Per 100.	Per 1000.	
	in.	lvs.			
Latania Borbonica,	4	12-15	2	\$15.00	\$125
"	4	15-18	2-3	28.00	150
"	5	18-20	4-5	25.00	
Phoenix Canariensis,	4	15-18	4-5	15.00	
Seaforthia Elegans,	4	18-20	2	20.00	

P. J. Berckmans Company, Augusta, Ga.

Fresh crop 1899 seed, guaranteed, Kentia Belmoreana or Forsteriana, 100 s, 60c; 1000 s, \$4.25, including delivery. Sample doz., 20 cts. H. H. Berger & Co., 47 Barclay St., New York.

Large stock of handsome home grown palms and decorative plants of all the leading varieties at popular prices. Send for price list. Lemuel Ball, Wissinoming, Philadelphia, Pa.

Ficus elastica. Nice, clean, healthy stock, from 5-inch pots, well leaved from pot up, 13 to 24 inches high, \$4.00 a dozen; \$30.00 a 100. McGregor Bros., Springfield, O.

Special low offer, for one week only, to clean up stock. Latania Borbonica, 6-in., fair but not first rate plants at \$6.00 a doz.; \$49.00 a 100. J. W. Young, Germantown, Pa.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

Pandanus utilis, 7-inch pots, 2 1/2 feet from pot, \$1.50 each. Cash. Otis F. Searles, L. B. 1688, Nashua, N. H.

Palms and decorative plants. Hardy, perfect stock. Price list on application. C. D. Ball, Holmesburg, Phila., Pa.

Aspidistra, extra fine plants. Variegated, 10c per leaf, green, 6c per leaf. Bobbink & Atkins, Rutherford, N. J.

Finest stock of Kentias in the west. Send for our list of Palms and Ferns. Ellis & Pollworth, Milwaukee, Wis.

Peperomia argyrea and arifolia, 3-in., 50c per doz. John H. Ley, Good Hope, D. C.

Araucaria Excelsa, extra fine plants, 4-5 tiers, \$1.00 each. H. Book, Worcester, Mass.

If you read these advs. others would read yours.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Fine field-grown plants of the famous Diamond strain of large flowered pansies. An endless variety of rich and odd colors, shades and markings. All colors, mixed, 60 cents per 100 by mail, postpaid; \$1.00 per 1000 by express. Seed, \$1.00 per 1/2 oz.; \$5.50 per oz. Cash with order. L. W. Goodell, Dwight, Mass.

Schmidt's pansies have no equal, the cream of all pansies, fine, large plants, 50c per 100; \$3.00 per 1000. Bellis, extra fine; Snowball, Longfellow, 50c per 100; \$3.00 per 1000. Forget-me-Not, blue, hardy, 60c per 100; \$4.00 per 1000. J. C. Schmidt, Bristol, Pa.

50,000 pansy plants. Finest strain in the market. About 10,000 ready, now commencing to show bud. \$3.00 per 1000. No order taken for less than 500. A. Wenisch, Newell Ave., Williamsbridge, New York City.

XX Giant Pansy Seed. The best of Mammoth varieties; no finer ever offered; all the seed plants critically selected. Packet, 3500 seeds, \$1.00; half packet, 50 cents. John F. Rupp, Shiremanstown, Pa.

From Zirmiebel's Giant Pansy seed at same rate as common varieties, \$5.00 per 1000. Securely packed to go any distance. Large transplanted plants for winter blooming, \$2.00 per 100. Denys Zirmiebel, Nvedham, Mass.

Grown from extra choice seed and not surpassed by any other variety for size, beauty of coloring and freedom of flowers. 50c per 100; \$4.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

The Jennings strain. Plants now ready. All colors, finest mixed, by mail 60c per 100, by express \$1.00 per 1000. E. B. Jennings, L. B. 254, Southport, Conn.

Fine, mixed, strong, 1st size, \$4.00 per 1000; 2nd quality, \$2.50 per 1000. Chas. F. Drawiel, 433 5th Ave., Brooklyn, N. Y.

Pansy plants from seed bed. Choice strain of Trimardeau Pansy Plants, \$2.50 per 1000. Young's, 1406 Olive St., St. Louis, Mo.

Pansy plants, fine mixed, 40 cts per 100; \$3.00 per 1000. Cash. Otis F. Searles, L. B. 1688, Nashua, N. H.

Giant Trimardeau strain, 50c per 100; \$4.00 per 1000. Edw. B. Jackson, Stamford, Conn.

Pansy Plants, 50c per 100; \$2.75 per 1000. Jos. H. Cunningham, Delaware, O.

Large flowering strain, 40c per 100; \$2.50 per 1000. Byer Bros., Chambersburg, Pa.

Herr's Pansies, the best strain in the world. A. M. Herr, Lancaster, Pa.

Pansy plants, all sizes, write for prices. Morris Floral Co., Morris, Ill.

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A fine lot of plants from 2 1/2-inch pots. Mme. Thibaut, Mrs. R. Sandiford, Mme. V. Ibert, Lord Sallsbury, Kingston Beauty, Mabel, etc., 60 cts. per doz.; \$4.00 per 100. Collection of ten different varieties, two of each, all labeled, postpaid, for \$1.00. Cash with order. Mrs. Thos. Lawrence, Ogdensburg, N. Y.

The Queen, 2 1/2-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

If you read these advs. others would read yours.

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Double fringed, fine assortment, 2-in., per 100, \$2.50. E. I. Rawlings, Quakertown, Pa.

2 1/2-in. pots, \$2.00 per 100; \$15.00 per 1000. Morris Floral Co., Morris, Ill.

Send in your order now for a copy of the Florists' Manual.

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Chinese Primroses. Ready for 3-inch pots. Well known as the finest large flowering fringed varieties grown. Special prices, Single and Double, \$2.00 per 100; \$17.00 per 1000; 250 at 1000 rate.

XXX strong and fine, out of 3 1/2-inch pots, choicest varieties, \$4.00 per 100.

Extras added liberally to help pay express-charge. Primula Obconica Rosea—The finest of all the Obconicas, \$2.00 per 100. John F. Rupp, Shiremanstown, Pa.

Extra fine grown Primula Chinenlis, 4-inch, \$10.00 per 100; 5-inch, \$2.00 per dozen; \$15.00 per 100. Baby primrose, 4-inch, \$2.00 per dozen; \$15.00 per 100; 3-inch, \$12.00 per 100. Primula floribunda (new), 4-inch, \$15.00 per 100; 3-inch, \$10.00 per 100. Primula obconica grandiflora, 4-inch, \$12.00 per 100; 5-inch, \$3.00 per dozen. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

New yellow Baby Primrose, we have the only stock in the U. S., \$1.20 per doz.; \$10.00 per 100. Chinese and Obconica, from flats, \$1.00 per 100; \$8.00 per 1000, from 2 1/2-in. pots, \$1.50 per 100; \$12.00 per 1000, 3 1/2-in. pots, \$4.00 per 100; \$25.00 per 1000. 10 per cent discount on 5000 or more. Morris Floral Co., Morris, Ill.

I am overstocked with Primroses and must have room for other plants. The 2 1/2-in. are fit for 4-in. and the 3 1/2-in. are ready for 5-in. All warranted A No. 1 stock. Chinese, mixed, and Obconica, 2 1/2-in., \$1.50 per 100; \$12.00 per 1000. Chinese and Obconica, 3 1/2-in., \$4.00 per 100; \$30.00 per 1000. A. Mitting, Morris, Ill.

Chinese. Finest strain on the market. Roller's Superb and Benary's extra prize varieties, 2-inch pots, \$1.75 per 100; \$16.00 per 1000; fine, strong stock, transplanted in flats, ready for 2 1/2-inch pots, \$1.25 per 100; \$10.00 per 1000. 250 at 1000 rate. E. Fryer, Berriman St. and New Lots Ave., Brooklyn, N. Y.

Ready for 3-in., per 100, Chinese, \$1.75; Obconica grandiflora, \$1.75; Obconica grandiflora rosea, \$1.75; Forbesii, \$2.00. Cash with order. Jos. H. Cunningham, Delaware, Ohio.

Chinese Primroses, ready for 4-inch pots, \$2.00 per 100; Obconicas, \$2.50 per 100; Baby Primroses, \$5.00 per 100. All fine plants, Cash. M. & S. Dysinger, Albion, Mich.

Chinese Primrose, extra fine strain, 2 1/2-in., \$3.00 per 100. Baby Primrose, \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

Chinese Primroses, extra fine, 3-inch, \$4.00 per 100. Geo. M. Emmans, Newton, N. J.

Chinese, ready for 4 and 5-in., \$5.00 per 100. H. Book, Worcester, Mass.

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The following from 3-inch pots, \$4.00 per 100; Carnot, Meteor, Mermet, Niphetos, Bride, Bon Silene, Perle, Wootton, Kaiserin, Duchess of Albany, Sunset, Bridesmaid, La France, Gontier. Wood Bros., Fishkill, N. Y.

Hybrid Perpetual roses, \$80 per 1000. Hybrid Tea Roses, field grown, \$70 per 1000. Yellow, white and pink Ramblers, \$6.00 per 100. Elizabeth Nursery Co., Elizabeth, N. J.

Wire Rose Stakes. Straight or looped and pointed. Samples and prices on application. The Model Plant Stake Co., 229 No. 9th St., Brooklyn, N. Y.

American Beauty, Bridesmaid, Perle, Bride, Sunset, Meteor, Morgan, Testout, Mermet, La France, 3, 3 1/2 and 4-inch. A. S. McBean, Lakewood, N. J.

Bridesmaids, 3-in., \$5.00; Meteors, 2 1/2-in., \$4.00; Kaiserins; 4-in., \$5.00 per 100. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

Hardy Roses. 100 varieties; strong, field-grown plants, one and two years. Write for prices. W. & T. Smith Co., Geneva, N. Y.

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CLASSIFIED ADVERTISEMENTS—CONTINUED.

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Liberty Rose. We have sole control for the New England states.
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Field-grown roses, \$1.00 per doz., \$5.00 per 100. 80 varieties. Plants 1½ to 3 ft. high.
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¾-inch Brides, \$4.00 per 100. Cash with order.
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Hardy roses in great variety.
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Brides and Maids, 2½ and 3-in., \$3.00 per 100.
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Manetti stocks for fall delivery.
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1-year-old plants, mixed, \$4.00 per 100.
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Pansy Seed, Hunt's Unrivaled. This mixture is made up by the most careful selection from all the best varieties grown and is the standard mixture for florists who wish to realize the greatest returns from either blooms or plants. We have sold this mixture with increasing sales for the past ten years, a sufficient proof of its high quality. Oz., \$8.00; ½ oz., \$1.00; trade pkt., 25 cts.
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Our Specialties: Sweet peas, cosmos, hollyhock, verbena, aster, mignonette, etc.; onion, lettuce, celery, carrot, salsify, parsnip, lima beans, salt bush, bromus grass, Bermuda grass, Johnson grass, etc. All California grown. Wholesale only.
Perry Watson & Co., Sacramento, Cal.

The Jennings Pansy. All large flowering and of the most brilliant colors. Sure to give satisfaction. \$1.00 per pkt.; \$5.00 per oz.
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Sweet Pea and other California grown Flower Seeds ready. H. H. Berger & Co., 47 Barclay St., New York.

Wholesale price list for florists and market gardeners.
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Special seeds for the florist and gardener. Send for wholesale catalogue.
Johnson & Stokes, Philadelphia, Pa.

Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.
C. Soltan & Co.,
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Zirngel's Giant Pansy seed, \$1.00 per trade pkt., or \$5.00 per oz.
Denys Zirngel, Needham, Mass.

Cabbage and Cauliflower seed specialist.
Francis Brill, Hempstead, L. I., N. Y.

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String your Smilax with Meyer Green Silk-line. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Extra strong plants, 3-in., \$2.00 per 100; \$18.00 per 1000. Cash with order.
A. F. Amling, Maywood, Ill.

Cut smilax, 8 foot strings, \$15.00 per 100.
South Side Floral Co., Springfield, Ill.

500 field-grown, \$1.50 per 100.
Roney Bros., West Grove, Pa.

SPIREA.

Blue Spirea, 2-in., \$2.00 per 100.
Roney Bros., West Grove, Pa.

"The Classified Advs. are a great convenience" is the verdict of the buyers.

Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00. Florists' Pub. Co., Chicago.

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Cabbage plants, field grown, 15c per 100; \$1.00 per 1000; if by mail add 10c per 100. Write for prices on large lots for fall planting. Lettuce, Boston Market, Tennis Ball, Curled Simpson and other varieties, field-grown, 15c per 100; \$1.00 per 1000, if by mail add 10c per 100. Parsley, strong plants, \$1.50 per 1000; \$12.50 per 10,000. Cash with order.
R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Maj. Var. Field-grown clumps, fit for 4 to 6-in. pots, \$6.00 per 100; clumps for 3½ to 4-in. pots, \$4.00 per 100. Layers, fine for 2½ to 3-in. pots, \$1.50 per 100.
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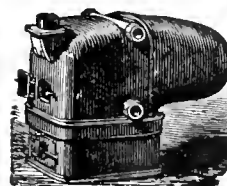
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Following are the subjects covered by Mr. Scott under the letter P in the Florists' Manual:

- Packing Flowers.
- Packing Plants (6 illus.).
- Paeonia (illus.).
- Palms (13 illus.).
- Pandanus (5 illus.).
- Panicum.
- Pansy.
- Pelargonium.
- Peperomia (illus.).
- Perilla.
- Petunia.
- Phlox.
- Pinks.
- Poinsettia.
- Potting.
- Primula (2 illus.).

WACO, TEXAS.—Mr. James Morton, Clarksville, Tenn., has been selected to act as judge of the fourth annual chrysanthemum show of the Texas State Floral Society, to be held in the new auditorium in this city next month. The auditorium has a seating capacity of 7,000. Miss Bella Beer is corresponding secretary of the society.

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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago.

334 Dearborn Street.

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- Giblin & Co.
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- Lord & Burnham Co.

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- Smith & Smith.

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Model Plant Stake Co.

Cut Flower Boxes.

- Ellis & Pollworth.

Cut Flowers—Buffalo.

- Kasting, W. F.

Cut Flowers—Chicago.

- Amling, E. C.
- Bassett & Washburn.
- Bentley & Co.
- Budlong, J. A.
- Hunt, E. H.
- Keenlcott Bros. Co.
- Lynch, W. E.
- McKellar & Winterson.
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- Reinberg Bros.
- Wietor Bros.

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- Cincinnati Cut Flower Co.

Cut Flowers—Kansas City.

- Maplewood Cut Flower Co.

Cut Flowers—Milwaukee.

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Cut Flowers—New York.

- Cut Flower Exchange.

Cut Flowers—Pekin, Ill.

- Kuhl, Geo. A.

Cut Flowers—Philadelphia

- Baker, W. J.
- Peacock, S. S.

Cut Flowers—Pittsburg.

- Pittsburg Cut Flower Co.

Cut Flowers—St. Louis.

- Berning, H. G.
- Ellison & Tesson.
- Kuehn, C. A.

Decorating Material.

- Brague, L. B.
- Elliott, W. H.
- Kelsey, H. P.
- Ricksecker, C. H.

Florists' Supplies.

- Ellis & Pollworth.
- Kasting, W. F.
- Kuehn, C. A.
- McKellar & Winterson.
- Pittsburg Cut Flower Co.
- Reed & Keller.
- Rice, M. & Co.

Glass.

- Smith & Smith.

Glazier Points.

- Dreer, H. A.

Greenhouse Building.

- Gibbons, H. W.
- Hitchings & Co.
- Lord & Burnham Co.

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- Dietsch, A. & Co.
- Lockland Lumber Co.
- Moninger, John C. Co.
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- Skabcura Dip Co.
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- American Jadoo Co.

Order Sheets.

- Long, D. B.

Piping.

- Chicago House Wrecking Co.
- Hitchings & Co.
- Lord & Burnham Co.
- Smith & Smith.

Putty.

- Lord & Burnham Co.
- Nevin, T. H. Co.

Soil Pulverizer.

- Florists' Supply Co.

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- Brague, L. B.
- Hunt, E. H.
- Jewett, Z. K. & Co.
- McKellar & Winterson.

Ventilating Apparatus.

- Hitchings & Co.
- Lord & Burnham Co.
- Quaker City Mch. Wks.

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- Erringer, J. W.

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- Chicago House Wrecking Co.

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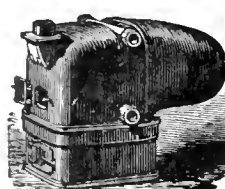
We have been using the T. H. Nevin's "Green House Putty" for some time and are pleased to recommend it to all those who wish a number one article. It has always given us perfect satisfaction. When you use this Green House Putty you will be sure of good results from same. Signed:— JOHN RODGERS, Florist, Green Tree Boro., Pa. HARTMAN BROS., Florists, Allegheny, Pa. FRED. BURKI, Florist, Bellevue, Pa.

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Feb. 18, 1897.

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Yours truly,
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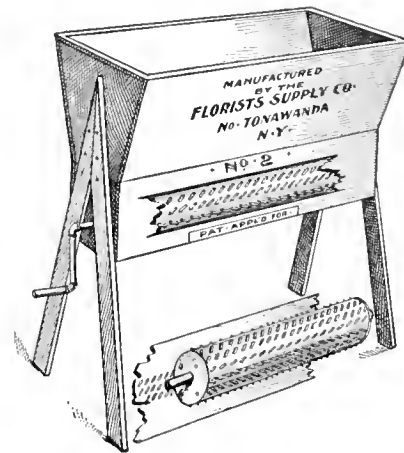
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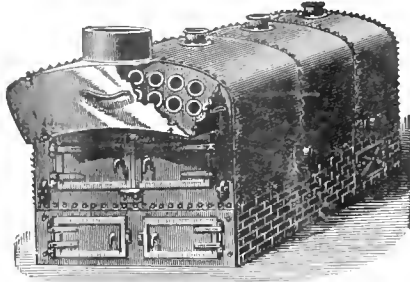
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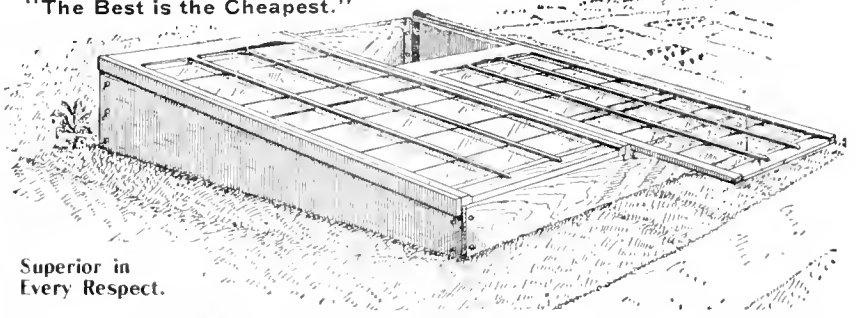
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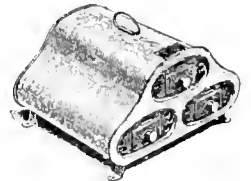
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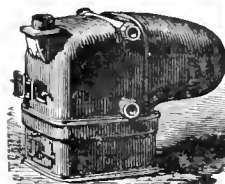
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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. IV.

CHICAGO AND NEW YORK, NOVEMBER 2, 1899.

No. 101.

ORDERS BOOKED NOW in order of receipt for rooted cuttings of the famous

Mrs. Thomas W. Lawson

The
\$30,000
Queen of

Carnations

For
Spring
Delivery

COMMENCING FEB. 1, 1900.

TERMS: Strictly cash or C. O. D. from unknown parties.	PRICES: Per dozen	\$3.00
	Per 100	\$14.00
	Per 1,000	\$120.00
	Per 5,000	\$500.00
	Per 10,000	\$800.00

The quoted prices are for the TRADE ONLY, and all orders must be from dealers. Cuttings will be carefully packed under the supervision and sent direct from the establishment of the originator and grower,

PETER FISHER, Ellis, Mass.

ADDRESS ALL CORRESPONDENCE AND MAKE ALL CHECKS, MONEY OR EXPRESS ORDERS PAYABLE TO

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Grand New Pink Carnation

THE MARQUIS

100,000 Already Sold.

HAS RECEIVED FIVE FIRST-CLASS CERTIFICATES.....

including that of the American Carnation Society, and the **Silver Cup** at Philadelphia for best Pink, also **Silver Medal** of the Massachusetts Horticultural Society at Boston. It is, without doubt, the finest Pink Carnation ever introduced, and has been so pronounced by experts.

ITS COLOR

is distinctive, being unlike that of any other Carnation. It is a **TRUE PINK**, with no trace of purple or magenta. It is an exquisite shade, soft and rich, and possesses a peculiar glow which makes it very attractive. It is equally beautiful by artificial light or daylight.

ITS FORM

is exceptionally perfect. It is very full and double and unusually well rounded and built up in the center. Its petals are beautifully serrated and quilled, giving it a unique and very graceful form. Its calyx is strong and ample and does not burst.

ITS SIZE

is phenomenal — $3\frac{1}{2}$ to 4 inches in diameter under ordinary culture and often exceeds that.

ITS STEMS

are strong and average 2 to 3 feet in length.

ITS FRAGRANCE

is delightful.

ITS KEEPING QUALITIES

are excellent. Cut flowers will keep from one to two weeks. Flowers shipped from Syracuse to Chicago have kept finely for eight days after their receipt.

IT IS VERY PROLIFIC,

at least as free as the freest of the standard varieties and far freer than any other large variety. It makes no "grass." Every growth produces a flower. It is an absolutely continuous bloomer.

ITS HABIT

is strong, vigorous and healthy free from rust or other diseases.

IT PROPAGATES READILY.

The loss in propagating is practically nothing.

IT LIFTS EASILY

and, owing to the mass of fibrous roots it makes, receives no perceptible check.

In a word, its **COLOR, FORM, SIZE, FRAGRANCE, STEM** and **HABIT** are ideal.

Strong rooted Cuttings, March to April, 1900, \$10.00 per 100, \$75.00 per 1000.

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CHRYSANTHEMUMS

CHRYSANTHEMUM SHOWS.

- Nov. 13** BROCKTON, MASS.—Brockton Gardeners' and Florists' Club, Walter E. Baker, Secretary.
- Nov. 7-8** MADISON, N. J.—Morris County Gardeners' and Florists' Club, C. H. Atkins, Secretary.
- Nov. 7-10** BOSTON.—Massachusetts Horticultural Society, Robt. Manning, Secretary, Horticultural Hall.
- Nov. 7-11** CHICAGO.—Horticultural Society of Chicago, W. N. Rudd, Assistant Secretary, Room 1002, 185 Dearborn Street.
- Nov. 7-11** PHILADELPHIA.—Pennsylvania Horticultural Society, David Rust, Secretary, Horticultural Hall.
- Nov. 8-9** MONTREAL, QUE.—Montreal Gardeners' and Florists' Club, Fred Bennett, Secretary, 136 Peel Street.
- Nov. 8-9** WORCESTER, MASS.—Worcester County Horticultural Society, A. A. Hixon, Secretary, 18 Front Street.
- Nov. 8-10** Poughkeepsie, N. Y.—Dutchess County Horticultural Society, W. G. Gomersall, Secretary, Fishkill-on-Hudson, N. Y.
- Nov. 9-10** PROVIDENCE, R. I.—Rhode Island Horticultural Society, C. W. Smith, Secretary, 61 Westminster Street.
- Nov. 10-11** TARRYTOWN, N. Y.—Tarrytown Horticultural Society, Jas. T. Scott, Secretary.
- Nov. 10-11** ANDOVER, MASS.—Andover Gardeners' and Florists' Club.
- Nov. 13-16** HARTFORD, CONN.—Connecticut Horticultural Society, C. H. Boykett, Secretary.
- Nov. 13-18** BALTIMORE, MD.—Baltimore Gardeners' and Florists' Club, Geo. Talbot, Secretary, Clifton Park.
- Nov. 14-15** ELMIRA, N. Y.—Elmira Horticultural Society, R. K. Stockdale, Secretary.
- Nov. 14-16** NEWPORT, R. I.—Newport Horticultural Society, Alex. McLellan, Secretary, Ruggles Avenue.
- Nov. 14-16** MILLBROOK, N. Y.—Millbrook Horticultural Society, J. O. Pingrey, Secretary.
- Nov. 14-18** ST. LOUIS.—St. Louis Florists' Club, J. J. Bencke, Mgr., 1222 Olive Street.
- Nov. 15** ORANGE, N. J.—New Jersey Floricultural Society, J. B. Davis, Secretary.
- Nov. 15-17** WACO, TEX.—Texas State Floral Society, Miss Bella Beer, Cor. Secretary.
- Nov. 15-18** TORONTO, ONT.—Toronto Gardeners' and Florists' Association, D. Robertson, Secretary, Reservoir Park.

CHRYSANTHEMUM SOCIETY OF AMERICA.

The committees judging seedling chrysanthemums will now be in session every Saturday to and including Nov. 25th. Exhibitors should make their entries (for which a fee of two dollars is charged for each variety entered) to the secretary not later than Tuesday of the week they are to be shown.

All exhibits forwarded to the following addresses (express charges pre-

paid) will receive careful consideration:

Boston, Mass.—A. H. Fewkes, Horticultural Hall, Tremont street.

New York, N. Y.—E. Dailledonze, care New York Cut Flower Co., 119 West Twenty-third street.

Philadelphia, Pa.—A. B. Cartledge, 1514 Chestnut street.

Cincinnati, O.—R. Witterstaetter, care Cincinnati Cut Flower Co., corner Fourth and Walnut streets.

Chicago, Ill.—C. W. Johnson, care Illinois Cut Flower Co., 51 Wabash avenue.

ELMER D. SMITH, Sec'y.

CHRYSANTHEMUM SOCIETY'S SILVER CUP.

The officers of the Chrysanthemum Society of America have decided to award a silver cup (valued at \$20.00) to the seedling which averages the highest number of points. To be eligible in this contest, the seedling must be shown to at least three committees, and from their scoring an average will be made.

ELMER D. SMITH,
Secretary.

ROSE NOTES.

It may be well to consider the cutting, storing and packing of the roses, as they are now coming in in considerable numbers, and if properly grown should be of good quality.

There is nothing connected with rose growing that is of more importance than a thorough knowledge and experience in cutting the crop (yet in many instances it is very carelessly done), for not only does the value of the present crop depend on this important operation but the vigor of the plants, the quality and quantity of future bloom depends largely on previous cutting.

It is very easy for the practical grower to know just when and where a bloom should be severed from the plant, but it is difficult to describe on paper. A rule that is often given and generally good is, when the bud has opened to the extent that a lead pencil might be stuck into it, but one must be governed by conditions of weather and the market to be supplied.

If the stock is for home trade they may be allowed to become more mature than if they are to be shipped direct to consumer. If sent to a com-

mission house where they will be unpacked and probably reshipped to some distant point the buds must be cut quite close, just as the first petals begin to unfold.

As to the length to cut the stem, it must depend on the size and condition of the plant. If it has good strong ripe wood and plenty of it three eyes from where it breaks from main stock will be plenty to leave, but if it is a plant of wiry, weak growth a shorter stem must be cut. In many cases where the blooms are inferior or off color they had better be cut off short and the foliage left to increase the strength of the plant. In some cases where the plant has considerable strong wood and a bloom forms on the weak wood it is well to cut it down severely, taking foliage with the bud. Many times this will encourage stronger breaks on the remainder of the plant.

The blooms should in no case be left lying for any length of time in the greenhouses while cutting progresses, but the stems should be sprinkled and then placed in a cool place. As soon as cutting is finished, or if someone were sorting while cutting progressed, the roses should be graded with regard to the length of stem and also as to quality of bloom. As soon as graded plunge into jars of fresh water of suitable height so the stems and foliage will be two-thirds their length in water. Never use the same water for two cuttings.

At all times the greatest care must be taken not to bruise or tear the petals or tear the foliage, always holding stems straight while carrying. Lay them straight on table, and never lay out-blooms in great heaps as it is next to impossible to disengage them without injury, nor is it so well to use large vessels and put great bunches in them; above all don't crowd a bunch tightly into a jar.

I should have said at the outset that cutting should be done early in the morning before the sun has much power and again in the evening. If the day is bright and warm it may be necessary to look over them about noon.

A. O. T.

OUR Thanksgiving Number, to be issued Nov. 16, will contain full reports of the chrysanthemum shows.

MISCELLANEOUS SEASONABLE HINTS.

Herbaceous Plants.

This is an excellent time to transplant or start a bed of herbaceous plants. Few of them but what lift and divide now with perfect ease and safety: Paeonias, phlox, delphiniums, helianthus or any of the useful genera. Pyrethrums are an exception; they are better left undisturbed and propagated from the young growths in May, grown in pots during summer and planted out in September. They are the most useful hardy border plant we have, their flowers selling in the spring as well as carnations. With all herbaceous plants you can't very well overdo it with deep soil and manure. And don't crowd them for room; any of them should be far enough apart between the rows so that in spring you can run the horse cultivator between them.

The crowns of nearly all these plants are on, or a little above, the surface, but when planting you should put them two inches beneath the surface. The frosts of winter will bring the roots up, and even higher than you wish. Two or three inches of stable litter over the surface will be of benefit, not so much as manure but to keep the surface from continually freezing and thawing.

Crimson Rambler Roses.

The Rambler roses that have been grown in pots all summer and are wanted to flower at Easter should not be laid on their sides and allowed to get rather dry. If kept up and we get warm spells and rains they will not ripen their wood, but they must not be allowed to shrivel from dryness; and there is no better place for them than outside where they should be till danger of extremely cold weather, when they can be laid on their side in a cold frame.

Some growers prefer to force the plants that are lifted from the open ground. These have the strongest canes, but can hardly be in as good shape for forcing as the pot grown plants. Let a good sharp frost ripen the wood before you lift them, and when potting shorten back the shoots. Quantity of flowers is what you want, so you must not cut them too far back, but a third of the length of the cane should at least be cut off. Pot solidly and place in a cold-frame after a thorough watering.

You need not tie the canes to any stakes till you bring them in to the

greenhouse, or they would take up too much room. Neither is it any benefit to these plants after potting to be exposed to a hard frost; a little won't hurt, but too much in their crippled state is not good. From the experience of others, and my own, I found that the Crimson Rambler when lifted and forced the same winter takes a long while to come into flower. They must be started slowly and for the first month given little heat, so thirteen or fourteen weeks in the greenhouse is not too much to do them well.

Deutzias.

Last year a hard-working son put a lot of deutzias and Azalea mollis in a frame with their tops fully exposed to the wintry blast, and a zero one came along end of November and much injured the tops, and that meant ruin to them. The answer to the complaint was, "They are hardy." That's true if grown naturally, quite hardy, but not when they have been two or three weeks in the hold of a vessel where the temperature was perhaps 70 degrees. They are quite tender then. They need not be potted at once, and to put them in the greenhouse would be absurd. Put them in deep boxes with some soil around the roots and cover with glass in a frame. And newly imported lilacs want the same treatment. You can always bring in a box with a dozen plants, but if in the ground it may freeze hard.

Boston Fern.

We find an ever increasing use and demand for the Boston fern (N. E. B.). It is the easiest possible plant to increase, and it has proved itself one of the best house plants ever introduced. In baskets, window boxes, pots or pans, in a store window or a well kept conservatory, it's all the same to the "Boston brake." We did not lift all our bench plants at once for want of room, but as we lift and pot there are any amount of young plants from the stolons and after adding some bone-meal to the benches we replant the young stuff. Nothing will pay you better, for it is useful in the spring as in the fall. If you want the bench for some other purpose then pot every bit of the young plants in 2 or 3-inch pots. There is no size of this plant but what is useful.

Carnations.

There is no excuse for not having

your carnations all neatly tied by this time. And after seeing a house of Scotts last week supported with the Model wire support no one can think of any other support being equal to it. As once said before, and perhaps by others, it's about perfect, and some other wire designs are very completely imperfect.

Carnations when doing well rot very near the surface and before winter sets in they should get a slight stirring. A perfect weeding and then a good sprinkle of bone-meal and then half an inch of sifted decayed manure, and that will do them till next April.

When watering don't let the hose run at a 35-lb. pressure or you will wash the mulching in every direction and make the surface baked. Let the watering be done through a flat but coarse rose attached to end of hose, or some other means by which the water will fall on the surface without packing it down. And wet the foliage as little as possible. Possibly the disappearance of the rust has been greatly assisted by the discontinuance of the spraying which a dozen years ago was thought so essential to carnations.

WM. SCOTT.

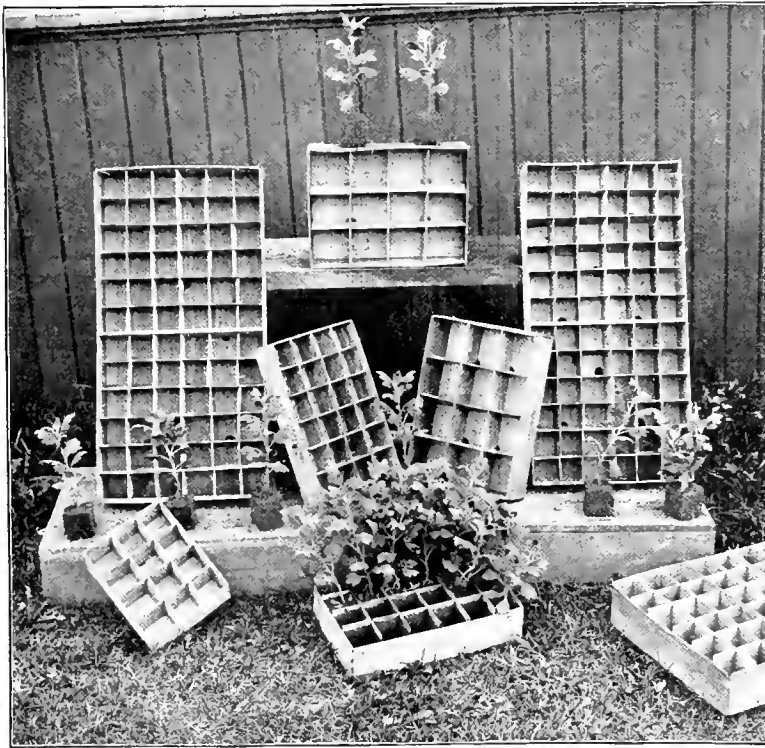
A VARIEGATED CANNA.

A canna with handsomely variegated foliage, very dwarf in habit, and with flowers very similar to those of Florence Vaughan, and fully equal in size, is a novelty over which Manager A. Mitting, of the Morris Floral Company, Morris, Ill., is naturally very jubilant. The variegation is yellow and green, the marking very similar to that of the leaves of Phrynium variegatum. The seedling plant has just bloomed and the flowers have proved to be all that could be desired.

Other interesting novelties to be seen at the establishment of the Morris Floral Company are the new golden foliaged geranium DeRoo Mitting, which has double scarlet flowers; the "Yellow Baby Primrose," which makes an excellent companion to the pink one; and the Double Snow Drop geranium, with double flowers of the purest white.

The present establishment of the company, which was built about two years ago, consists of 20,000 feet of glass most conveniently arranged and devoted almost wholly to the shipping trade. Mr. Mitting, the manager, holds that, contrary to general belief, there is some money in small plants even at the low prices now made, but the stock must be managed right. He calculates to empty his houses completely six times during the year.

He carries a great variety of stock and has many of his stock plants planted out on the benches, finding that they produce cuttings more rapidly and freely than plants in pots. He finds there is a good demand for any plant of use to the florist and notes an especially good call at present for named geraniums, mainly double flowered sorts, pelargoniums, hydrangeas



The Growers' Sectional Plant Box.

[Patented by A. H. Ewing and H. McNaughton, Berlin, Ont.]

and fuchsias. In geraniums the best call is for S. A. Nutt, Beaute Poitevine, A. Riccard, Le Countable and Harmine. In fuchsias Phenomenal holds first place in demand. The coleus seems to be regaining its popularity and quite a number of varieties are carried.

Carnations.

Carnations are an important specialty and large numbers of rooted cuttings are grown. He has selected the following sorts to propagate in quantity this season: Mary Wood, white; Argyle, pink; G. H. Crane, scarlet; Melba, light pink; Maud Adams, pink; Gold Nugget, yellow; Sandusky and Mrs. Bradt, variegated; and he still retains Daybreak for shell pink.

He has discarded both White Cloud and Flora Hill in favor of Mary Wood. White Cloud makes too much grass and is not as productive as Wood. Flora Hill makes less grass than White Cloud and is more productive but not equal to Wood. The only drawback to Wood is that it comes with a pink tinge during dark days in winter but not enough to be an injury.

America has also been dropped. He likes Crane better. It is a fuller flower and a deeper scarlet and so far has been more productive. Crane has the best habit of any carnation he has had. It is the Bradt type carried a few degrees further, and that is what we want—more flowers and less grass and more plants to the square foot on the benches, and flower stems so strong that they need little support.

Evelina is the best summer bloomer he has ever had, away ahead of Fisher, but of no value whatever for winter blooming. He takes cuttings from plants outside after the first frost but doesn't bench a single plant for winter work.

John Young he finds one of the finest whites but too shy a bloomer.

He found Mrs. Joost a good pink carnation but with him Argyle is superior. And with Argyle in the field he finds no place for Triumph, which with him fades somewhat in dark weather and is more grassy in habit.

Pingree he found to be an excellent carnation but not free enough to be profitable. Gold Nugget is much more productive.

He is very much taken with Sandusky and thinks the flower a prettier one than Bradt. So far he has found it a free bloomer but has not yet had it a full season.

GROWERS' SECTIONAL PLANT BOX (PATENTED).

The accompanying engraving shows the plant box in four sizes, in one of which chrysanthemums have been grown, some of the plants having been taken out and stood around to show the root ball. The large boxes were specially designed for carnations from the cutting bed, for which purpose they have proved to be more handy and far cheaper than planting in the bench or potting.

They have all the advantages of

pots and none of the disadvantages, such as drying out, time taken in potting and handling, etc., and being made of veneer they practically take up no bench space. There is no cutting out necessary as when the plants are in benches or ordinary flats, they are simply carried to the field, the band torn off (or it may be left on and the box used for other purposes), the partitions pulled out and each plant is separate with its own ball of earth and roots uninjured. This box holds 72 plants (2-inch sections) and is made very cheaply—about 7 or 8 cents.

Of course they can be used with just as much advantage for other plants as for carnations. I used them for chrysanthemums last spring and I may mention that when planting them on the benches it was a treat not to have to pick up and pack pots. The plants did remarkably well both in the boxes and after planting. The box with 3-inch sections I used for geraniums and was enabled to sell good bedding plants at a very low figure. The small box with twelve 2-inch sections is the box par excellence for marketing annuals, tomatoes, celery, etc., for small consumers. Other sizes are made suitable for various plants and varieties and for the requirements of various growers.

The more this box is used the more useful it will be found, the more good points will appear, and the more the grower will find that he can grow in it, and all the sizes are so cheap that he will find his annual pot bill reduced to a minimum. They should be a godsend to growers, general florists, market gardeners, catalogue men and park men. The boxes in the photo were all hand made, the machine made boxes are better in many ways.

The box has been patented by Messrs. A. H. Ewing and H. McNaughton, Berlin, Ont.

THE AMERICAN CARNATION SOCIETY.

This society is getting ready to issue its premium list for the show to be held in conjunction with the meeting Feb. 15th and 16th, at Buffalo, N. Y. Any member of the florist trade desiring to offer special premiums for this show can have the opportunity to do so if they write the secretary at once for information.

All members of the society will receive this list and anyone not a member can obtain it by writing to the secretary. A good round sum is offered in money premiums and there are already a nice lot of special prizes and no doubt more to come, so that it will be an interesting booklet for carnation growers.

The Lawson medal will be an object of great interest at this meeting and the indications are that it will supersede all of the preceding ones.

ALBERT M. HERR, Secretary,
Lancaster, Pa.

"GLUT IN CHICAGO."

An expression often heard: "I need the money," "Oversupply," "Glut," all in one, at least so it seems just at present. Mums on the market not half done; and every one knows that a mum not fully developed on the plant is not a good keeper, but WILTS RIGHT DOWN. There is no hurry for this stock, unless you are one of those that need the money. But, on the other hand, if you let them grow they would improve and become perfect; and every one knows, or should know, that it is the amount of poor stock that is sent to market that causes the glut.

Withal, we expect a glut each fall and every spring, and the extra hot spell we had, followed by two and a half days of rain, caused this glut to come sooner than expected. But stand firm, for it looks as if it was all for the best, for the hot weather has forced out the greater part of the buds and a little cold weather will bring things back to where they ought to be.

Another good thing about this glut is that it has advanced the mums and every grower, even though he grows mums, wishes they were over, "done and gone," as it were. Every year we find fault and the commission man is the first of all to find it, for he has to work like a slave, everybody kicking, buyer and seller alike. But let us get a cold snap and the commission man will put up a sign: "Never mind the high prices; we need the money, or at least our shippers do."

Remember these picnics are only for the fakir, for the store man is better off when he has to hustle to get stock. And at the same time, if it were not for the fakir, in place of two or three gluts a season we would have one continuous glut, a thing to know. The fakir is the first to force up prices, for just as soon as stock becomes a little scarce you see them around thicker than hops, forcing up the figures on one another. And the store man must then buy a full supply for fear that the stand man, or fakir, as he is called, will clean up the market, and to avoid being put in a hole he will buy anything that is good and take no chance. On the other hand, when every commission house is loaded, the store man, stand man, fakir, all alike, hammer prices down, down, and spring the chestnut: "It is our turn; we need the money."

CHARLEY'S AUNT.

NEW YORK.**Window Displays.**

There is only one Broadway and its fascinations from Twenty-third street to Forty-second are enhanced by the brilliant windows of the florists, which during the past week have attracted crowds constantly by unique effects in autumn foliage, orchids and chrysanthemums.

At Fleischman's, Small's and Thor-

ley's there is constant competition and these floral artists are springing something new every week from orchid baskets surmounted with tiny lamps to immense white mums whose heads are encircled by lace effects in paper.

Everywhere the novel and beautiful in window effects are being studied, and the smallest florist begins to realize that an unattractive window means a "one-horse business."

The Weather.

Everybody is bemoaning the continuance of summer. Nearly all kinds of flowers are a drug and prices are away down. It is hard to realize down here that folks are perishing in snow drifts around Denver. It's so warm some of the florists are still wearing straw hats.

But there's a cool time coming. The retailers all say they expect a better season than any since 1892.

The Rose Society.

The American Rose Society is a healthy infant and has already cut its eye teeth. At the meeting here last week a good deal of interest was manifested, and plans were laid for a grand exhibition next February at the Eden Musee in this city, which will be national in its character.

Prizes and medals to the amount of several thousand dollars will be offered, and already a large sum, in cups and money, has been subscribed. President Barry, of Rochester, was unable to attend on account of illness in his family.

Street Fakirs.

No one living outside of New York realizes the significance of the term! On every prominent street, in front of every big store, at the entrance of every elevated station, these pests of modern "liberty" are found. Impertinent, obtrusive, persistent, their only value the cleaning up of the wholesalers' surplus, their real mission the bringing of the business into disrepute and the destruction of legitimate trade. Fortunately, indeed, are the florists in the cities and smaller towns who have not this gigantic imposition to combat. Paying no rentals, eating what no respectable florist would feed his dogs, small wonder the curse continues and grows and "flourishes like a green bay tree."

Speaking of bay trees, the fakirs are now selling palms and araucarias all over the city from wagons, penetrating even the sacred precincts of Fifth avenue and Murray Hill.

Various Items.

Mr. Fred Smythe, for many years in the employ of Siebrecht & Son, has formed a partnership with Albert Wadley, of the old firm of Siebrecht & Wadley. Their store on Fifth avenue near Forty-second street is very neat and attractive, but will soon be too

small for the business which the new firm expects to do.

Messrs. Wadley and Smythe are both young men in years but very old in experience. They intend to open a branch in Newport in the spring.

The Rosary is comfortably settled in its new store on Fifth avenue and already feels the benefit of the change from cramped quarters. With ample room, proximity to the great hotels and a millionaire clientele, Mr. Troy is wearing a cheerful countenance with his new suit that it is an inspiration to behold. A.

NEW YORK BOWLERS.

The "O'Mara prize," a very handsome new ball and case, to be awarded the member throwing the greatest number of pins during the games of October, was awarded to Alexander S. Burns, of Woodside, L. I., and if any man deserved it, he does, for he has never yet missed a meeting, and has done everything possible to make the New York team what it ought to be. When Captain Traendley handed Mr. Burns his well deserved prize, every member present thought that for once merit reaped its reward.

The alleys last night, October 30, were not overcrowded, and yet they were kept quite warm. Enthusiasm is always high on bowling alleys, and we often wonder why the ladies cannot be invited once in a while to try what they can do. It's often better than theaters. The scores last night were:

	1st.	2d.	3d.
A. Burns	159	156	120
W. Siebrecht	167	118	157
T. Lang	159	164	172
C. Schenck	169	149	170
W. Marshall	129	127	129
F. Traendley	143	169	143
J. Withers	122	142	146
J. Donlan	119	136	121
A. Shaw	124	118	100

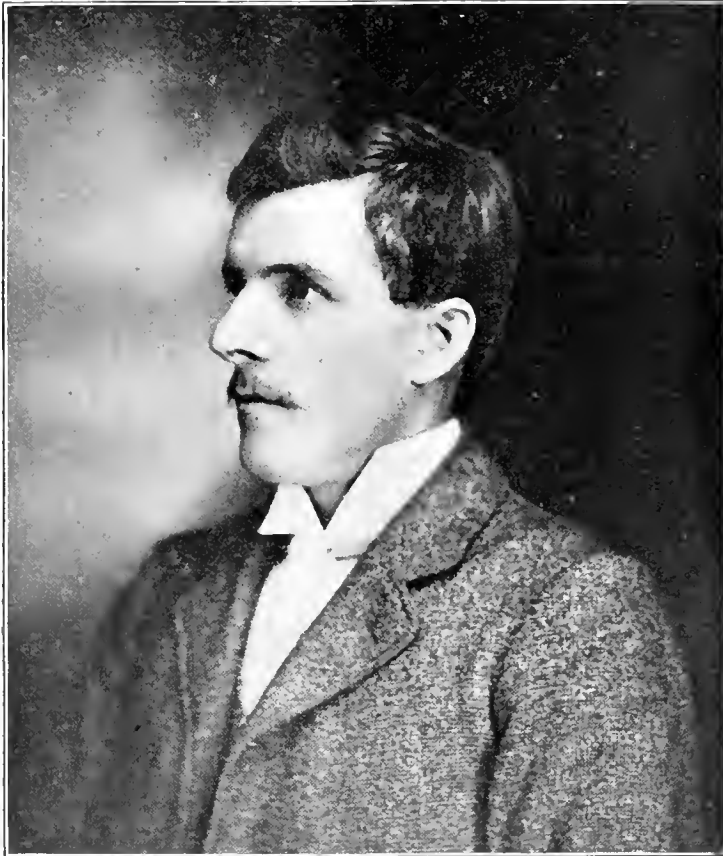
The third series of games between the New York and Flatbush teams will take place on the alleys, corner of Sands and Washington streets, Brooklyn, Saturday, November 4, commencing at 7:30 p. m. These are strange alleys to both teams and it promises to be a hard battle.

The Flatbush team had a tussle with a team of the Brooklyn Royal Arcanum on Friday, October 27, but were defeated. The chances are they will get square with the New Yorks on the next encounter.

We don't know how matters will go on here by next convention time, but we think you will need a sporting editor. Philadelphia is going in for boxing and shooting, New York for bowling and bicycling, Boston for aesthetics and calisthenics, Hoboken is yet silent, but Coney Island won't be in it. J. I. D.

MENOMINEE, MICH. — L. Zechetto is building a new greenhouse.

SEND YOUR ADV. now for our Thanksgiving Number to be issued Nov. 16.



James Hartshorne, President Chicago Florists' Club.

CHICAGO.

The Market.

There is a firmer tone in the market. Demand is improving and quality is also somewhat better. The cooler weather is bearing fruit. And while there is no material change in quotations, prices are firmer.

Chrysanthemums are moving fairly well, but not as they should at the season. Retailers report that customers don't seem to want mums in any quantity until the chrysanthemum show opens. This is getting to be more noticeable every year. Some very good orders for fancy mums have been already placed for delivery when the show opens. Many of the flowers seen at the wholesalers are very imperfectly developed and would have been much better had they been left on the plant for another week.

Violets are going much better than last week, and white violets are selling much more freely than usual.

Lily of the valley has, however, been in the dumps and it seems to have been about the only flower that didn't come up in demand.

Hardy ferns were never so good as this year. The enormous amount of these now used is shown by the fact that one Chicago commission house (Kennicott Bros. Co.) alone sold 250,-

000 last month; and every wholesaler handles them largely.

We hear of a combination of the fern gatherers and dealers, with the object of controlling the market on this important item, but we hear also of some pretty large stocks that won't be controlled by any combine. The outcome will be looked for with interest.

The Exhibition.

The annual chrysanthemum show and fall exhibition of the Horticultural Society of Chicago opens next Tuesday in the great Auditorium Theatre. It will certainly be a magnificent spectacle, and we question whether such a splendid setting was ever before given an exhibition of plants and flowers.

The International competition in chrysanthemum cut blooms ought to bring out a large display. Though there has been a fine show of flowers in previous years many of the state prizes (\$6 each) have not been entered for, and there is an easy thing for those who do enter from many of the states, to say nothing of the possibility of winning the sweepstakes prize of \$50.

Club Banquet.

The annual banquet of the Florists' Club will be given next Thursday ev-

ening, Nov. 9. The committee in charge of the affair consists of Messrs. James Hartshorne, Edgar Sanders, C. W. McKellar, A. L. Vaughan, J. B. Deamud. E. F. Winterson is chairman of committee on decoration and will select his associates. Another committee will see that trade visitors are taken care of, and any such that are in the city at the time are requested to make themselves known to any of the following: James Hartshorne, F. F. Bentley, C. W. McKellar, John Degnan, Edgar Sanders, E. F. Winterson, A. L. Vaughan.

The Sherman House has been practically decided upon as the place for the banquet, and the tickets will be \$2.00.

A regular meeting of the club will be held tomorrow (Friday) evening, when the new officers will be duly installed and other important matters of business attended to.

Bowling.

Arrangements have been made for a match game with the Milwaukee bowlers, the games to be played at Anson's alleys next Wednesday evening, Nov. 8, starting at 8 o'clock. A hot series is expected and as there will be many other visitors in the city at the time there will doubtless be a large audience.

There were some warm scores made at the alleys last Friday night, Geo. Asmus breaking the record with a score of 278, John Degnan rolling up an aggregation of 262, and Ed Winterson accumulating 210. Following are the scores:

Winterson	115	168	150	155	210	158	163	134
Degnan ..	117	178	149	152	178	138	262	155
Asmus ..	129	161	142	180	171	278	177	166
Hunt ..	138	142	143	132	191	145	147	135
Coulson ..	157	192	160	183	185	166	164	

Mr. O. Coulson is a Buffalo boy.

Recent visitors: Louis M. Noe, Madison, N. J.; I. L. Pillsbury, Galesburg, Ill.; Fred Dörner, Jr., La Fayette, Ind.; S. A. Baur, Erie, Pa.

ST. LOUIS.

Business during the past week was only fair, with lots of room for improvement. Chrysanthemums are everywhere and all kinds of stock is plentiful, and small roses begin to suffer from the chrysanthemum, although the market is not affected on Beauties. Good Beauties are scarce and in demand. Chrysanthemums have greatly improved in quality and some fine specimen blooms are now received. A lot of southern mums are received daily and come in bad condition. Most of them are sold for express charges. Some of the fine specimen blooms sent in by our local growers brought as high as \$3 per dozen; others go from \$2 to \$10 per 100, while the small stuff is sold from 50 cents to \$1 per 100. These are bought mostly for funeral work and take the place of carnations.

Roses and carnations suffer alike from the chrysanthemum. Good select roses bring \$5; while others are sold from \$1 to \$3 and much cheaper

in 1,000 lots. Carnations are beginning to come in more freely and threaten to become a glut ere the week is ended. Fancy stock brings \$2, but the bulk is sold at \$1. Violets, California and small single, are piling up more every day and lots of them went to the dump pile last week.

A few chrysanthemum pot plants are in the market and sell at \$3 and \$5 per dozen. They are poorly grown, but it is likely that the best are sold at the greenhouses and do not come into the open market.

Various Notes.

Fred. C. Weber furnished one of the largest weddings of the year last week. The decorations at the house and church were very elaborate.

Wm. Schray has some of the finest specimen plants seen yet, and his cut blooms are also in fine condition. These are guarded with an eagle eye by young Julius, who has charge of them. He does not say much about them, but wait and see them at the show.

George Windler, who made such a remarkably fine exhibition last year, will also be on hand this year with some fine specimen plants.

Julius Koenig, Jr., Andrew Meyer, C. Young & Sons Co., Michel Plant & Bulb Co. and the Beyer Bros. are making great preparations to exhibit some fine plants and cut blooms at the show.

Frank Fillmore, "Bob" Tesson and Fred Ammann will be the local fighters for the rose prizes. All their stock is in fine shape and all the local growers claim that the date of the show is right this year and that all blooms will be in fine shape by that time, so as to enable them to enter in all classes and make this year's show the largest ever held.

Mr. W. H. Kruse has opened a floral store at 2848 Arsenal street. Mr. Kruse was formerly with Wm. Schray.

Don't forget the meeting of the club next Thursday, Nov. 9th. You must attend this meeting as matters of great importance will come up that interest every member of the club and you will want your season's pass to the show. So don't fail to come and lend a helping hand in making our show a grand success. You can do it if you will only come and attend this meeting.

Bowling.

The Florists' Bowling Club ended the October series Monday night by rolling nineteen games. Charlie Kuehn wins the medal with an average of 150, he taking part in all the nineteen games. Carl Beyer wins the lucky medal by making the highest single score of 188.

The November series begins next Monday night and a handsome prize will be given to the member making the highest average during the month. The donor of this prize says the member who wishes to win this prize must take part in all the games rolled during the month. The member who

makes the highest single score will also be given a prize.

Seven members rolled on the new alleys Monday and wound up the October series with the following scores:

	1.	2.	3.	4.	Tot.	Av.
C. A. Kuehn	145	151	169	169	634	157
J. J. Bencke	150	145	173	137	605	151
J. W. Kunz	118	159	141	157	575	144
F. C. Weber	96	122	142	142	502	126
Emil Schray	104	124	119	155	502	126
John Young	129	121	115	113	478	120
F. J. Fillmore	98	132	103	132	465	116
						J. J. B.

BUFFALO.

Business is just so so. It started in a month ago with great promise, but is hardly keeping up its form. We won't complain, because the prospect ahead is excellent and the season of gaiety is not yet here.

Flowers are very plentiful of all kinds. While carnations look poor when we think of those we get later yet they are all right and in abundance. The chrysanthemum goes slowly, but we forget that there is a great quantity of them comes flopping on the market all in a rush. There is no flower that would sell in such quantities if brought in in such abundance, and we make matters worse by rushing them before they are even fit to cut. I never yet remember that we had too many mums when the first of December came, and many flowers would keep till that date that are cut and sold at a sacrifice.

We have had a few callers of late that I failed to mention and I trust that their feelings will not be hurt on that account. Mr. Reukauf, of Philadelphia, and young Mr. Roehrs, of Carlton Hill, with some splendid flowers of *Cattleya labiata*. Orchids must be plentiful in that neighborhood. Mr. Greenlaw, of Boston, and several others. Mr. Mott has not been here in over three weeks, but is expected soon.

The city has been the recipient of a handsome gift from one of her public-spirited citizens. Instead of "one of" it would be nearer the truth to say "the most public-spirited." J. J. Albright, a man of great means, has presented to the Botanic Gardens his fine, iron constructed palm house, with its entire contents, and that includes, besides some very fine specimen palms of the better known kinds, several immense cycads of great value. You can imagine with what pleasure Prof. Cowell is carting them home to his spacious palm houses at South Park. They are just what he wanted.

With the exception of a very homely bust of Mozart, from the German singing societies, a monkey or two from Manila, and a dog with two tails, this is the first substantial donation our large park system has ever received from private philanthropy. What a difference between us and the Smoky City, where they roll out iron and glass in various forms and then roll out hundreds of thousands of dollars for libraries and other buildings.

DENVER, COLO.

Bowling was resumed on the 25th ult. The alleys were crowded and bowling was rather difficult, which to some extent accounts for the light scores made, which are as follows:

	1st.	2d.	3d.	Av.
Charles Mauff	176	186	177	180
J. N. Jakobsen	170	159	202	177
P. C. Gallup	154	147	207	169
C. J. Theiss	215	120	170	168
Robert Kurth	151	124	199	158
George Brenkert	195	176	183	155
John Berry	136	147	178	154
A. E. Mauff	155	149	157	151
George Zimmer	123	133	128	145
A. M. Lewis	146	131	143	140
Charles Franz	150	115	153	139
William A. Doyle	159	146	122	139
John Ferris	138	90	118	115
J. A. Valentine		124	103	113
Ernest Flohr	118	102	115	112
Olle Freeburg	71	125	93	98
William L. Lingenbrink	61	82	142	95
				J. B.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—As foreman, capable of taking charge. 10 years' experience growing for the Chicago market. Roses and general stock, or could fill private place, references. Address Wm. Kirkham, Box 441, Maywood, Ill.

FOR SALE—A bargain, if taken at once. \$150.00 Store and Greenhouses located on Jackson Blvd. Cannot attend to it. Apply to owner, 14 Colorado Ave. Chicago, Ill.

WANTED—One or two young men with a few years' experience in greenhouse work; no night firing; state wages expected and reference. E. Haentze, Fond du Lac, Wis.

WANTED—A florist for general greenhouse work, must be sober, steady and reliable; wages \$25.00 per month with board and room. Send references and state experience. I. L. Pillsbury, Galesburg, Ill.

WANTED—Two young men for rose and carnation houses. F. Burki, Bellevue, Pa.

Wanted at once.

A thoroughly reliable man, single, of good habits, and an up-to-date Carnation grower and rapid propagator.

None but a hustler need answer this, stating experience, wages expected, etc.

Address **PETER FISHER, ELLIS, MASS.**

Situation Wanted

By a thoroughly practical Gardener and Florist, most successful propagator and grower; capable of making a specialty of anything in the trade; qualified to take the management of laying out new place, the formation of lawns, roads, etc. Good references.

Address A. A., care of Florists' Review.

Wanted.

MANAGER, to make arrangements for and take full charge of the **TRADE EXHIBIT** at the New York Convention of the Society of American Florists, to be held at the Grand Central Palace, in August, 1900. One thoroughly competent who understands the business.

Apply by letter only, with full particulars.

For further information address,

JOHN YOUNG, Secretary,
New York Florists' Club,

51 West 28th St., New York City

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Write for Circulars or Estimates.

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NOW READY FOR DELIVERY.

Commercial Violet Culture

By Prof. B. T. GALLOWAY,

Chief, Division of Vegetable Physiology and Pathology, U. S. Department of Agriculture, Washington, D. C.

This work is thoroughly practical and discusses fully: Varieties and their Origin; Localities where the Crop is likely to Prove Profitable; Requirements for Success; Construction of Houses and Frames; Heating Houses and Frames; Soils and their Preparation; Manures and Fertilizers; Propagation, Selection, Planting, Watering, Cleaning and Feeding; Picking, Bunching and Marketing; Diseases and their Treatment; Insect Enemies and Methods of Combating them; Cost of Producing the Crop, Profits, etc. Superbly illustrated with upward of 60 plates, plans, diagrams, etc., including Working Drawings of Model Violet Houses; Plans for Complete Heating Systems; Photographs Showing Methods of Handling Soil, Preparing the Beds, Bunching the Flowers, Packing for Shipment, etc. Numerous illustrations showing the character of the more important diseases are also given.

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Orchids.

Just arrived, in fine condition *Cattleya Mendellii* and *Laelia Jongheana*, also *C. labiata*, *C. speciosissima*, *C. Gaskelliana* and *C. Harris-onii*.

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NEW GERANIUM—De Roo Mitting, yellow foliage, double pure scarlet bloom, \$1.20 per dozen, \$10.00 per 100.

NEW GERANIUM—Double Snow Drop, the best dbl. white bedder to date, \$1.20 per dozen, \$10.00 per 100.

NEW YELLOW BABY PRIMROSE—We have the only stock in the United States, \$1.20 per doz., \$10.00 per 100.

PRIMROSES—to close out—Chinese and Obconica, from flats, \$1.00 per 100, \$8.00 per 1000; from 2½-in. pots, ready for 4-in. pots, \$1.50 per 100, \$12.00 per 1000; from 3½-in. pots, \$4.00 per 100, \$25.00 per 1000; 10 per cent. discount on 5000 lots and over.

Also, **FORGET-ME-NOT, COLEUS, BEGONIAS, PETUNIAS, VELVET PLANT, FEVERFEW, etc.,** 2½-in. pots, \$2.00 per 100, \$15.00 per 1000.

One year old **ROSES**—Mixed, per 100, \$4.00.

PANSY PLANTS—All sizes, write for prices.

HARDY GRASS PINKS—per 100, \$3.00.

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Herr's Pansies.

THE BEST IS WHAT YOU WANT, common Pansies are dear at any price. The "best florists" in the country are my customers, they will tell you there are no other Pansies quite as good as mine. Try them and you will say the same when they come into bloom.

PLANTS NOW AND UNTIL MARCH:

Free by mail at 75c per 100; 250 for \$1.50; 500 for \$2.50. By express, \$4.00 per 1,000.

ALBERT M. HERR,
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Zirngiebel Giant Pansy.

Seed is \$1.00 for trade pkt., or \$5.00 per oz.

Also plants of the above at the same rate as common varieties, \$5.00 per 1,000, securely packed to go any distance. Large transplanted plants, for winter bloom, at \$2.00 per 100.

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MILWAUKEE.

The Market.

The warm and bright weather has brought in stock of all kinds faster than it could be disposed of. Roses suffered mostly and the advent of the mums made the market still more demoralized, and prices were anything but firm.

Beauties are somewhat discolored and must now give way to the Queen of Autumn. Carnations and violets are also coming in more freely, but prices still remain firm, as supply is not much over demand. Some fine cosmos are also in the market. Much of the rose stock is mildewed and goes at a low figure; good shipping stock is short of supply. Prices range from \$1 per 100 to \$5 per 100; carnations average up about \$1 per 100; violets, 50 cents to \$1; mums, ordinary to fancy, \$1 to \$2.50 per dozen; smilax is scarce and readily brings 18 cents per string.

Bowling.

Many of the boys have been howling on the quiet and at the meeting last Friday night some cup winning scores were made. These games are but preliminary games for the match with Chicago during the mum show. Unless strange alleys turn the tables, Chicago will have to do some bowling to keep from being "also other bowlers." The following are the scores:

	1st.	2d.	3d.	Av.
C. C. Pollworth	158	172	191	173
F. Holton	117	142	149	136
H. V. Hunkel	168	184	209	187
William Edlefsen	129	132	151	137
N. Zweifel	137	143	147	142
W. A. Kennedy	108	127	145	127

Otto Sylvester, who is also on the Milwaukee team, writes in from Oconomowoc of having made a 236 score last week. Ben. Gregory is also in line and his bowling is as good as his original step. GEO. W.

TORONTO.

The tenth annual chrysanthemum show of the Toronto Gardeners' and Florists' Association will be held in the Horticultural Pavilion Nov. 15 to 18, inclusive. Premium lists and further information can be had by addressing D. Robertson, Sec'y, Reservoir Park, Toronto, Ont.

Choice Plants for Autumn Sales.

JOHN H. LEY,

Good Hope, Washington, D. C.

Asparagus P. Nanus, 5-in. pots	doz., \$3.00
Ferns, 30 new and choice sorts, 4-in. pots, 100,	10.00
10 choice sorts, 2-in. pots	4.00
Nephrolepis Washingtoniensis, the finest new Fern this year, 4-in. pots	doz., 3.00
Adiantum Hybridum, new, elegant, 8-in., each	1.00
Cuneatum, extra large, 4-in. pots, 100,	10.00
Crotons, 12 finest sorts, colors fine, 4-in., doz.,	1.00
Peperomia Arifolia and Argyreia, 3-in.,	.50
Selaginella Africana, fine blue and others, 3-in. pots	doz., .50
Ferns, from flats, nice little plants for small pots, 10 sorts, 100 free by mail	1.25

Careful packing. Cash with order. Plants gratis.

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Carnations our Specialty.

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VIOLETS, VALLEY, ROSES.

Beauties

The choicest stocks on this market. Prices right at all times.

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Palms and Ferns NOW

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Sample box, with list of sizes and cuts, mailed free.

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Onion Seed	Sweet Peas	Lima Beans
Lettuce	Cosmos	Salt Bush
Celery	Hollyhock	Bromus Grass
Carrot	Verbena	Bermuda "
Salsify	Asters	Johnson "
Parsnip	Mignonette	etc.
etc.	etc.	

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Roses, Carnations and Violets.

Bridesmaids, 3-in. stock	\$5.00 per 100.
Meteors, 2 1/2-in. pots	4.00 "
Kaiserin, 4-in. pots	8.00 "
Violets in 2 1/2-in. pots	3.00 "
Genistas, 8-in., \$9.00; 4-in.	15.00 "
Field Grown Carnations, now ready, all the leading varieties,	\$5.00 a 100, \$40.00 a 1,000.
Field Grown Violets, 5.00 "	40.00 "

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Heliotropes, 75c per 100 Ageratum, 50c per 100 Coleus, 50c per 100 Every Cutting a selected cutting. Every Cutting guaranteed. Ready now.

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For the want of room to store, we offer the following Hydrangeas in good, shapely, field-grown plants, suitable for 6-inch pots, at special low prices :

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| Otaksa , 3 to 4 leads, | } \$2.00
per doz. | |
| Otaksa Monstrosa , 3 to 4 leads, | | } \$15.00
per 100 |
| Thomas Hogg , 4 to 6 leads, | | |

Violet LA FRANCE....

We have still a good supply of strong, field-grown plants of this the best of all single varieties, and to close out we offer strong clumps :

\$1.25 per doz.; \$10.00 per 100; \$90.00 per 1000.

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La France Violet.

CARNATIONS.....

After Chrysanthemums are thrown out many florists plant Carnations. We have a few thousand plants heeled in cold frames suitable for this purpose. They are first class plants.

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| MACEO. | GLACIER. | \$10.00 per 100. |
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| MARY WOOD. | ARMAZINDY. | \$5.00 per 100. |

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BEST NEW AND STANDARD VARIETIES. Write for catalogue and prices.

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Send for prices. All the NEW and LEADING varieties.

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| BEGONIA, Assorted, 2-inch pots..... | \$1.75 per hundred. |
| HELIOTROPE, Purple, White, 2-inch | 2.00 " |
| GERANIUM, Double New Life, " | 4.00 " |
| GREVILLIA ROBUSTA, " | 2.50 " |
| CHINESE PRIMROSE, 3 1/2-inch | 4.00 " |
| CINERARIAS, 3 1/2-inch | 4.00 " |

A fine assortment of HARDY HERBACEOUS PLANTS in prime condition for immediate planting. Cash, please.

Edward B. Jackson, Stamford, Conn.

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Burpee's Seeds Grow

CARNATIONS.....

Fine field-grown plants. Hector, large scarlet, Evelina, very free white, \$6.00 per 100. \$50.00 per 100, 500 plants at 1000 rate.

H. WEBER & SONS, Oakland, Md.

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Edmund M. Wood & Co. NATICK, MASS.

Sole control of

...LIBERTY ROSE...

for New England States.

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Florists' Review
When Writing Advertisers.

20TH CENTURY VERBENAS

Thirty-two grand mammoth varieties, including the new Capt. Dreyfus, Helen Gould, Melba and many others. This is the set that will make the money for the retail florist in the year 1900. Strong, 2-inch pot plants ready Nov. 10th, \$2 per 100; rooted cuttings, 60c per 100; \$5 per 1000.

NEW DBL. FRINGED PETUNIAS, Henderson's and Dreer's latest set, known the world over as the standard of perfection; strong rooted cuttings Nov. 10th, \$1 per 100; 2-inch pot plants, \$2 per 100.

20,000 SEEDLING STULAX now ready for immediate delivery, 50c per 100; \$4 per 1000, free by mail.

PRINCESS PAULINE AGERATUM, the great novelty of '98, the only one to grow; rooted cuttings now ready, \$1 per 100; strong, 2-inch pot plants, 50c per doz., \$2 per 100.

1000 BRIDESMAID ROSES, 2 1/2 and 3-in. \$2.50 per 100 to close out. Cash with order.

Our wholesale price list now ready. Send for it.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

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When Writing Advertisers

E. H. HUNT
THE "OLD RELIABLE" FOR
**Wholesale
Cut Flowers**
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.

Mention The Review when you write.

GRAND RAPIDS, MICH.

The weather continues exceptionally fine. We had three days of rain last week, which started things growing. Cannas left in the ground are beginning to sprout, and sweet peas are flowering some also.

Business has been a little quiet, yet numerous funerals have helped to keep stock at times well cleaned up. Roses have been a glut, but are beginning to be off crop. Carnations and violets are plentiful. Mums are still a little backward, yet there are enough to more than meet the yet quiet local demand. The real activity in the mum market will, it is expected, develop as soon as cooler weather sets in. And may it be soon, as this ideal summer weather is too good for this season of the year.

Carnations are 25 cents per dozen. Roses, from 50 cents to \$1. Beauties, \$1.50 to \$2.50 per dozen. Violets, 20 to 25 cents per dozen, and some exceptionally fine stock on the market. Mums bring all the way from 50 cents per dozen to \$3, according to size.

Several local florists will exhibit at the Chicago show, and, mind you, Grand Rapids has some prize-winning goods to put up. Crabb & Hunter will exhibit their seedling carnation, Irene, said to be the best variety of Albertini color on the market. They will also show their Grand Rapids sport of Day-break, Mme. Chapman.

The extreme heat is causing the violet plants to grow.

GEO. F. CRABB.

CORRECTION.

A typographical error in the adv. of Kennicott Bros. Co., in last issue, made them quote leucothoe sprays at 10 cents a hundred, when it should have been \$1.00 a hundred.

COPIES of the Florists' Manual will be forwarded to all who have ordered them by the time this issue of the Review reaches them. If you have not yet sent in your order, do so now.

GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.
Mention The Review when you write.

McKELLAR & WINTERSON,

Wholesale Florists,

CHICAGO.

45-47-49 Wabash Avenue.

OUR SPECIALTIES

We have the **LARGEST WHOLESALE** House in Chicago. **Orchids, High-Grade Roses, Carnations and Violets.**

Full Line **FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.**

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Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

W. E. LYNCH

Wholesale Florist,

19-21 E. Randolph St. CHICAGO.

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A. L. RANDALL
Telephone 1496 **Wholesale Florist**

4 Washington St., Chicago.

In our new and enlarged quarters we are better prepared than ever to handle your orders.

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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St., CHICAGO, ILL.

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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO. Greenhouses: Pleasant Hill, Mo.

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WE ARE NOW CUTTING

New Brides, Maids and Beauties.

Write

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

REINBERG BROS.

Wholesale Growers of. **CUT FLOWERS.**

500,000 feet of Glass. Headquarters for fine AMERICAN BEAUTIES.

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Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Flower Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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H. Berning

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

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ELLISON & TESSON,

WHOLESALE SHIPPING

FLORISTS

3134 Olive Street, ST. LOUIS, MO.

...Home Grown Stock...

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Cincinnati Cut Flower Co.

416 Walnut St. WHOLESALE FLORISTS CINCINNATI, O.

W. A. MANN. FRANK W. BALL.

Consignments Solicited. Special Attention Given to Shipping Orders.

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CHRYSANTHEMUMS

For all. Small, Large and Extra Fancy. Prices to suit, 6c to 30c.

Roses! CHOICE, MEDIUM and HIGH-GRADE. EXTRA SELECT BRIDE, BRIDESMAID, METEORS, PERLES, \$3.00 to \$4.00

Asparagus... 40c to 60c a string. **Garnations!** Our Selection, \$1.00 Good, Medium and Fancy, \$1.50 to \$2.50

Violets! Lady Campbell, Farquhar and M. L. All choice, never better, \$1.00 to \$1.25

Valley! THE BEST, \$4.00 to \$5.00

LEUCOTHOE, \$1.00 per 100 GALAX, Green, 20c per 100; \$1.50 per 1000

SMILAX, 15c.

HARDY FERNS, \$2.00 per 1000. 25c per 100.

ADIANTUM, 75c to \$1.00.

Am. Beauty, Short, 75c to \$1.00

Am. Beauty, Medium, \$1.50 to \$2.00

Am. Beauty, Choice, \$3.00

Am. Beauty, Fancy, \$3.50 to \$4.00

KENNICOTT BROS. CO.

42 and 44 E. Randolph Street, CHICAGO, ILL.



HARDY CUT FERNS

In 1000 lots, 75c per M. Discount on larger orders. Also dealer in **Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.**

L. B. BRAGUE, - Hinsdale, Mass.
Mention The Review when you write.

Asparagus Sprengerii,

2½-in. pots.....per 100, \$6.00
 ASPARAGUS TENUISSIMUS, 2½-in. pots, " 4.00
 CAREX VARIEGATA, " 5.00
 GREVILLEA ROBUSTA, 2½-in. pots..... " 5.00
VIOLETS, extra strong field-grown clumps of PRINCESS OF WALESper 100, \$5.00
 CALIFORNIA " 5.00

All of the above plants are in fine condition and are sure to give satisfaction.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Florists' Review when writing advertisers.

BENTHEY & CO.,

F. F. BENTHEY, Mgr.

WHOLESALE and COMMISSION FLORISTS, 41 Randolph St., CHICAGO.

Consignments Solicited.

...PRICE LIST...

American Beauties, extras, per doz., \$3.00 to \$4.00	Carnations, best long.....per 100, \$1.00 to \$1.50
" " long " 2.50 to 3.00	Violets " .75 to 1.00
" " medium " 1.50 to 2.00	Valley " 4.00 to 5.00
Meteors, extras .....per 100, 5.00	MUMS , all leading sorts, extras, per doz., 2.50 to 3.00
" AI..... " 3.00 to 4.00	" fine stock " 1.50 to 2.00
Brides and Maids, extras " 5.00	Smilax .....per 100, 12.00 to 15.00
" AI..... " 3.00 to 4.00	Adiantum " .75
Perles..... " 3.00 to 4.00	Common Ferns.....per 1000, 1.50
Carnations, fancy..... " 2.00 to 3.00	

Above prices subject to change without notice.

GERANIUM NOVELTIES FOR 1900

THE FINEST COLLECTION IN AMERICA.

A Set of Selected Double Bedders.

A Set of Selected Single Bedders.

A Set of Selected Fancy Doubles.

A Set of Selected Mammoth Fancy Singles.

A Striking Set of Ivy Leaved Varieties.

A Full Line of the Introductions of 1899 in all the above sections.

A Full Line of Selected Standard Bedders.

If you wish to be with the leaders in bedding plants order your stock from

C. W. WARD, Manager.

THE COTTAGE GARDENS, Queens, L. I., N. Y.

Mention The Review when you write.

SAMUEL S. PENNOCK, Wholesale Florist

{ Commencing October 16, will be open from }
{ 12:01 a. m., Mondays to 10 p. m., Saturdays. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.
Mention The Review when you write.

PITTSBURG.

Mum Show at Schenley Park.

The chrysanthemum show at Schenley Park Conservatory is open, and it is the best show they ever had; about 10,000 plants, with as good blooms as you would want to see. The first Sunday, Oct. 29th, the attendance was very good, although the weather was rainy and chilly. The tropical house is in as good shape; the house with the economic plants is pretty well filled and the visitors are very much interested in them. In the same house a nice lot of Acalypha Sanderi, from 12 to 24 inches high, make a great show. Supt. Falconer's work is showing up well for the few years he has been here.

Mr. Bigelow is getting plans prepared for a building for a school of botany, where the pupils from any of the city schools can study with material right at hand in the adjoining conservatory.

Various Notes.

The sultry weather the past week brought on the chrysanthemums in oversupply, although there has not been as many grown about Pittsburgh this season as formerly.

Mr. Chas. Koenig, at Bennett, Pa., one of our young and energetic florists, seems to have the largest stock of them this year. He is still building houses and has now quite an area of glass, covering not only mums, but carnations, lots of ferns, palms and bedding stock. He is forcing more bulbs than any one in this neighborhood.

The Pittsburgh Cut Flower Co. are handling some nice Beauties and Kaisers this season, with the other stock. They report business fair.

F. Burki, at Bellevue, has built four new houses this season and rebuilt two, replacing 12-inch glass with 24-inch. He has now 36 houses in all. At present he is adding a 150 H. P. boiler to his other two of 80 H. P. each.
BEAR.

MONTREAL.

The annual chrysanthemum show of the Montreal Gardeners' and Florists' Club will be held in Natural History Hall Nov. 8 and 9. Admission by invitation only. Further information may be had by addressing Fred. Bennett, Sec'y, 136 Peel St.

THE FLORISTS' MANUAL, by William Scott, contains 207 articles all on plants or subjects of special value to the commercial florist.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 705 Penn Avenue, PITTSBURG, PA.
FLORISTS' SUPPLIES. Write for Price List.
Mention The Review when you write.

Asparagus Plumosus

Strings 10 feet long. 50 cents. **Nanus** Shipped to any part of the country.

W. H. ELLIOTT, BRIGHTON, MASS.

Mention The Review when you write.

Green Galax, New Crop Now Ready.
Finest Bronze, From Cold Storage.

For Prices address the Introducer, **HARLAN P. KELSEY, 1106 Tremont Building, BOSTON, MASS.**
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Real Estate,

Land with or without Greenhouses in different parts of the United States.

BARGAINS can be had and opportunities opened for profit. Write for particulars and state your requirements.

SMITH & SMITH,

345 Sixth Ave., PITTSBURG, PA.

Brokers in Real Estate, Glass, Pipe, Boilers, etc.

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GIVE US A TRIAL. WE CAN PLEASE YOU.



Roses, Carnations and all kinds of Seasonable Flowers in stock.

WM. F. KASTING, Wholesale Commission Florist, 451 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.

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WM. J. BAKER, WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.

Original Headquarters for CARNATIONS.

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Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY. Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

Narcissus Paper White grandiflora,	extra,	\$6.75 per 100
DUTCH HYACINTHS, first size, to name		65.00 per 1000
" " " to color		40.00 "
" " miniature, to name		20.00 "
NARCISSUS Von Sion Mammoth		16.00 "
TULIPS in the best varieties, and extra large bulbs, prices by mail.		
AZALEAS INDICA, in the best market varieties, 10 to 12-inch diameter		35.00 per 100
" " " 12-inch diameter and up,		40.00 "
RHODODENDRONS, extra fine, for forcing, small plants		35.00 "
" " " large		60.00 "
SNOWBALLS (Viburnum) for forcing		35.00 "
LILACS, Charles X. and Marie Legraye		45.00 "
CRIMSON RAMBLER ROSES, extra strong		25.00 "
HYBR. ROSES, low budded, \$10.00 per 100		75.00 per 1000

Prices on all other Bulbs and Plants cheerfully given.

F. W. O. SCHMITZ, Jersey City, N. J.

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Jadoo

A florist writes us....

"I used Jadoo Fibre in planting Roses and cuttings, and find that the cuttings root in less time than in earth or sand, and with less trouble. In transplanting Roses I washed the roots clean of all earth and wrapped the roots well in Jadoo, and then filled in with a compost of 1/3 Jadoo and 2/3 earth well mixed together, and the plants never lost a leaf, and they seemed to get established at once.

"The Liquid I used once a week on all plants, and found that the plants are of better color; also the flowers.

"I think very favorably of them, as they are clean to handle and free from odor."

THE AMERICAN JADOO CO.

817 Fairmount Ave.,

PHILADELPHIA, PA.

Send for our new price list and catalog.

Mention The Review when you write.

Special Sale of Primroses

I am overstocked with Primroses and have to make room as soon as possible for other plants. The 2 1/2-in. are fit for 4-in. pots and the 3 1/2-in. are ready for 5 in. pots.

All warranted A No. 1 stock.

	Per 100.	Per 1000.
Primula—Chinese Mixed, 2 1/2-in.	\$1.50	\$12.00
" Obconica, 2 1/2-in.	1.50	12.00
" Chinese, 3 1/2-in.	3.00	25.00
" Obconica, 3 1/2-in.	4.00	30.00

A. MITTING, MORRIS, ILL.

Mention The Review when you write.

CABBAGE PLANTS Field grown, 15c per 100, \$1.00 per 1000; if by mail, add 10c per 100. Write for prices on large lots for fall planting.

Lettuce. Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, field grown, 15c per 100; \$1.00 per 1000. If by mail, add 10c per 100.

Parsley. Strong plants, \$1.50 per 1000. \$12.50 per 10,000. Other Vegetable plants in season. Cash with order.

E. VINCENT, Jr. & SON, White Marsh, Md.
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REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of **WIRE & DESIGNS** and Dealers in

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Always mention the Florists' Review when writing advertisers.

40,000 'MUMS....

Between Oct. 10 and Christmas we shall market the entire cut of one of the largest growers about Chicago, 40,000 first-class flowers, All in every respect.

...THE VARIETIES....

PINK—Glory of Pacific, Maud Dean, Mrs. E. G. Hill.

YELLOW—Yellow Queen, Major Bonnaffon, Golden Wedding.

WHITE—Fee du Champsaur, Mrs. Jerome Jones, Frank Hardy, W. H. Chadwick, Wanamaker, Mayflower, Ivory.

We are exclusively ROSE GROWERS and can supply the best qualities, including American Beauty, at all times.

We are also in a position to fill orders for the most popular varieties of CARNATIONS.

All orders shipped at market prices within two hours of receipt.

J. A. BUDLONG, 37-39 Randolph Street, Chicago.

Mention The Review when you write.

5,000 Begonia Rex and 5,000 Primroses, EXTRA FINE.

POT PLANTS.

Farquhar Violets, 2 1/2-in.	\$3.00 per 100	Primrose, Chinese, 2 1/2-in., Extra Fine strain	\$3.00 per 100
Double White Stock, 2-in.	3.00 "	Baby Primrose	6.00 "
Forget-Me-Not (Winter Flowering), 2 1/2-in.	4.00 "	Manettia bicolor, 3-in.	6.00 "
Begonia Rex, assorted, 2 1/2-in.	4.00 "	GERANIUMS —2 1/4-in. Sweet Scented..	
" named	6.00 "	Mrs. Follock, Pansy..	4.00 "
Lemon Verbena	\$3.00, \$1.00 and	Mrs. Parker	6.00 "
Impatiens Sultana, 2 1/2-in.	3.00 "	Happy Thought, 2 1/2-in.	6.00 "
		Silver Leaf, 2 1/2-in.	4.00 "

ROOTED CUTTINGS.

GERANIUMS —Assorted	\$1.50 per 100	GERANIUMS —Mme. Salleri	\$1.25 per 100
Mixed	1.25 "	Freak of Nature	4.00 "
Mrs. Happy Thought	3.00 "	Begonia Rex	2.00 "
Mrs. Pollock	2.00 "	" Incarnata Gigantea	2.00 "
Mrs. Parker	4.00 "	" Flowering	2.00 "
Silver Leaf, Rose Scented, Ivy	1.50 "	Impatiens Sultana	2.00 "
		Manettia bicolor	2.00 "
		Forget-Me-Not (Winter Flowering)	2.00 "

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

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CHAS. D. BALL, PALMS and DECORATIVE ... PLANTS...

HARDY .. PERFECT STOCK PRICE LISTS ON APPLICATION. HOLMESBURG, PHILA., PA.

Mention The Review when you write.

CYCLAMEN and PRIMROSES

....FOR CHRISTMAS.

Cyclamen, in 4 colors, 4 and 5-in. pots, \$12.00, \$18.00 and \$25.00 per 100. Chinese Primroses, ready for 4 and 5-in. pots, \$5.00 per 100. Araucaria Excelsa, extra fine plants, 4-5 tiers, \$1.00 each. Cyperus, Umbrella plants, 4-5-in. pots, \$10.00 per 100. Cash with order, please.

H. BOOK, 1053 Main Street, WORCESTER, MASS.

Mention The Review when you write.

Eglantine.

THE TRUE FRAGRANT SWEET BRIAR.

1,000 Rosa Rubiginosa, 4 to 5 feet, per 100, \$5.00
1,000 " " 2 to 3 " " " 3.00
1,000 " " 1 to 2 " " " 2.00
10,000 Berberis Thunbergii, per 100, \$3.00 to 7.00

T. R. WATSON, Plymouth, Mass.

Mention the Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACACIA.

Acacia Paradoxa, well budded, 50c, 75c and \$1.00 each.

Boblink & Atkins, Rutherford, N. J.

ACALYPHA.

Acalypha Sanderl, 2½-in. plants, \$12.50 per 100; \$1.40 per 10.

The Conard & Jones Co., West Grove, Pa.

AGERATUM.

Princess Pauline ageratum, the great novelty of '98, the only one to grow. Rooted cuttings now ready, \$1.00 per 100. Strong 2-in. pot plants, 50c per doz., \$2.00 per 100.

South Side Floral Co., Springfield, Ill.

Ageratum, rooted cuttings, 50c per 100.

F. R. Thornton, Macomb, Ill.

ALTERNANTHERA.

Red and yellow, rooted, per 100, 50c; per 1000, \$4.00. E. I. Rawlings, Quakertown, Pa.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprenger, 2-inch, 50 cents per doz.; \$4.00 per 100.

Geo. Wittbold, 1708 N. Halsted St., Chicago.

A. Sprenger (very fine), 2½-in. pots, per doz., 50 cts; per 100, \$3.00; per 1000, \$25.00. Seawanhaka Greenhouses, Oyster Bay, N. Y.

Asparagus plumosus nanus, strong, 6-in. pots, \$3.00 per doz.

J. Welsh Young, Germantown, Pa.

Asparagus Sprenger, 2½-in., \$6.00 per 100. Asparagus tenuissimus, 2½-in., \$4.00 per 100. N. Smith & Son, Adrian, Mich.

150 Asparagus Sprenger, 2½-in., \$4.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus, all sizes.

A. S. MacBean, Lakewood, N. J.

A. plumosus nanus, 5-in., \$3.00 per doz. John H. Ley, Good Hope, D. C.

Sprenger, 3½-in., 8c; 4-in., 10c, both fine. Benj. Connell, West Grove, Pa.

Plumosus, 2-in., fine, \$5.00 per 100.

Geo. L. Miller, Newark, O.

AZALEAS.

Azalea Indica in the best market varieties, 10 to 12 inches in diameter, \$35.00 per 100; 12-inch diameter and up, \$40.00 per 100. Rhododendrons, extra fine for forcing, small plants, \$25.00 per 100; large plants, \$50.00 per 100. Snowballs for forcing, \$35.00 per 100. Lilacs, Charles X and Marie Leroye, \$47.00 per 100. Prices on all other plants cheerfully given.

F. W. O. Schmitz, Jersey City, N. J.

Azalea Indica, just arrived, 9-11, per doz., \$3.50; per 100, \$25.00, 10-12, per doz., \$4.00; per 100, \$30.00, 12-14, per doz., \$5.00; per 100, \$40.00. Large plants, \$1.00, \$1.50 and \$2.50 each. Boblink & Atkins, Rutherford, N. J.

Just received in excellent condition a large consignment of the best forcing varieties, 10 to 12-inch crowns, \$35.00 per 100; 12 to 14-inch, \$45.00 per 100; 14 to 16-inch, \$75.00 per 100. Storrs & Harrison Co., Painesville, O.

BEGONIAS.

5000 Begonia Rex. Assorted, 2½-inch, \$4.00 per 100; Named, \$6.00 per 100. Rooted cuttings: Rex, \$2.00 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D.

Greene & Underhill, Watertown, N. Y.

Gloire de Lorraine, the grandest novelty of the day and one of the best selling plants for florists ever offered. Blooms continuously, autumn, winter and spring. Fine, strong plants from 3½-in. pots, per doz., \$4.75; per 100, \$35.00. Flowering plants, from 2½-in. pots, per doz., \$2.35; per 100, \$17.50. R. & J. Farquhar & Co., 16 So. Market St., Boston, Mass.

Assorted varieties from 2-in. pots. Extra strong, \$1.75 per 100. Edw. B. Jackson, Stamford, Conn.

Choice varieties, named, 2½-in., \$2.00 per 100; \$15.00 per 1000. Morris Floral Co., Morris, Ill.

Begonia Rex, per 100, 5-in. pans, \$10.00. N. Smith & Son, Adrian, Mich.

Alba picta, 2-inch, \$1.50 per 100.

Geo. L. Miller, Newark, O.

BOUGAINVILLEAS.

Bougainvillea Sanderlana, strong, from 3-inch pots, 24-30 inches, \$8.00 per 100. P. J. Berckmans Company, Augusta, Ga.

"The Classified Advs. are a great convenience" is the verdict of the buyers.

BULBS.

Lily of the Valley, highest grade. All 3 years old. From cold storage—for present delivery, \$12.00 per 1000 pips; case of 2500, \$28.50. Hamburg pips, best grade, \$9.75 per 1000 pips; case of 2500, \$23.50. Berlin pips, best adapted for early forcing, \$10.75 per 1000 pips; case of 2500, \$25.75. D. Landreth & Sons, 1001 Market St., Philadelphia, Pa.

Lilium Harrisii, 5-7, in good condition, \$35.00 per 1000; \$4.00 per 100. Lilium Longiflorum, 5-7, \$22.50 per 1000; \$2.50 per 100. Freesia, second size, \$4.00 per 1000. Cold storage Lily of the Valley pips, \$14.00 per 1000. Equally low prices on other bulbs until sold. Write for prices. W. W. Rawson & Co., 12 and 13 Panell Hall Sq., Boston, Mass.

Narcissus Paper White grandiflora, extra, \$6.75 per 100. Dutch Hyacinths, first size, to name, \$65.00 per 1000; first size, to color, \$40.00 per 1000. Miniature Dutch Hyacinths, to name, \$20.00 per 1000. Narcissus Von Son, mammoth, \$16.00 per 1000. Prices on all other bulbs cheerfully given.

F. W. O. Schmitz, Jersey City, N. J.

Gladiolus, white and light. Forcing mixture, \$1.50 per 100, and \$12.00 per 1000. (Same, assorted, all colors, 1st size bulbs, \$1.00 per 100, and \$7.00 per 1000; 2d size, \$4.50 per 1000.) Cash with order, please.

Wm. A. Pinger, Hicksville, N. Y.

Freesia alba, ¾-inch diameter and up, \$3.00 per 1000; ½-inch and up, \$5.00 per 1000. Small bulbs, I guarantee all to bloom, as I have tried them. C. Ammann, 7th Ave. & 120th St., New York City.

Hyacinths, unnamed, separate colors, \$40.00 per 1000. Japan Longiflorum, 6 to 8-in., \$4.50 per 100; \$40.00 per 1000; 7 to 9-in., \$7.00 per 100; \$65.00 per 1000.

Storrs & Harrison Co., Painesville, O.

Lil. longiflorum, 5-7, 100, \$2.50; 6-8, 100, \$4.00; 7-9, 100, \$5.50; 9-10, 100, \$11.00. Auratum, Rubrum, Album, etc. Send for list. H. H. Berger & Co., 47 Barclay St., New York.

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Dutch Bulbs in any quantity.

Boblink & Atkins, Rutherford, N. J.

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Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100. P. J. Berckmans Company, Augusta, Ga.

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20,000 named cannas, best. Send list of wants. Benj. Connell, West Grove, Pa.

CAREX.

Carex japonica var., strong plants from 3-inch pots, \$6.00 per 100.

A. H. Ewing, Berlin, Ont., Canada.

Carex variegata, 2½-inch, \$5.00 per 100.

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Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$500.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

After chrysanthemums are thrown out many florists plant carnations. We have a few thousand plants heeled in in cold frames suitable for this purpose. They are first class plants. Butter Cup, Dana, Crimson Sport, Eldorado, Mrs. Fisher, Scott, Pingree, Armazindy, Daybreak, Jubilee, Meteor, Sweet Brier, Cap King and Albertini at \$4.00 per 100.

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The grand new pink carnation, The Marquis, has received five first-class certificates and is without doubt the finest pink carnation ever introduced. Its color, form, fragrance, stem and habit are ideal. Strong rooted cuttings, March to April, 1900, \$10.00 per 100; \$75.00 per 1000. L. E. Marquisee, Syracuse, N. Y.

Support your Carnations with the Model Extension Carnation Support, now regarded as the standard support, and by far the best yet offered. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

Flora Hill, extra large, clean and strong, \$5.00 per 100; \$45.00 per 1000. Triumph, good seconds, \$3.50 per 100; \$30.00 per 1000. Will exchange for good target rifle.

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Surplus of field-grown carnations all under shelter, in a cool house, ready for shipping. Maceo, Glacier, \$10.00 per 100. Duhme, Daybreak, Victor, Argyle, Evanston, Pingree, Mary Wood, Armazindy, \$5.00 per 100. F. Dornier & Sons Co., Lafayette, Ind.

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5000 carnations left, in fine shape. Scott, Portia, McGowan, 3c or \$25.00 per 1000. No culls, speak quick.
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Field grown. All the leading varieties, \$5.00 per 100; \$40.00 per 1,000. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

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Fine, bushy plants in bud and bloom, of leading varieties, 6-in. pots, \$5.00 per 100; 5-in., \$20.00 per 100. Cut blooms, \$5, \$6, \$8 and \$10 per 100.
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Carnations, \$1.50 to \$2.00 per 100. Violets, double and single, 50c to 75c per 100. Chrysanthemums, \$5, \$6, \$8 and \$10 per 100.
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Cyclamen, select, 3-inch, \$12.00 per 100; 4-inch, \$15.00 per 100; 5-inch, \$25.00; extra select, 5-in., ready for 6-inch, \$4.00 per dozen; 6-inch, \$6.00 per dozen; 7-inch, specimens, \$12.00 per dozen.
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Cyclamen persicum giganteum, splendid stock of plants, assorted colors, in 3-inch pots, ready for 4-inch, \$7.00 per 100; \$65.00 per 1,000. Emerson C. McFadden, formerly Pitcher & Manda, Short Hills, N. J.

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All grown in pots, well shaped, feathered to the ground, full of buds. Melanthera, 6-inch pots, 18-in. high, \$8.00 per doz. Persoluta alba and P. rosea, \$9.00 per doz. Cavendishii and Cupressiana, \$1.25 to \$3.00 each. Ventricosa magnifica, rare, 7-inch pots, \$2.50 each. Now is the time to buy.
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	Pot.	Doz.	100.
Cyrtomium Falcatum,	3-in.	\$1.00	\$ 8.00
"	4-in.	2.00
"	5-in.	3.00
"	6-in.	5.00
Blechnum Orientale,	2-in.	.50	4.00
Lomaria Gibba,	4-in.	1.50	12.00
Pteris Serrulata,	2-in.	.50	4.00
Pteris Argyrea,	2-in.	.50	4.00
Pteris Tremula,	2-in.	.50	4.00
Pteris Umbrosa,	6-in.	3.00	20.00
Nephrolepis Exaltata,	4-in.	1.50	12.00
"	5-in.	2.00	....
Nephrolepis Pectinata,	4-in.	1.50	12.00
Nephrolepis Philpensis,	4-in.	1.50	12.00
"	5-in.	2.00
Nephrolepis Bostoniensis,	4-in.	2.00
"	5-in.	3.00
"	6-in.	5.00

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Ferns, 30 new and choice sorts, 4-in., \$10.00 per 100. New and choice sorts, 2-in., \$4.00 per 100. Nephrolepis Washingtoniensis, 4-in., \$3.00 per doz. Selaginella Africana, 3-in., 50c per doz. Adiantum hybridum, new, 8-in., \$1.00 each. Ferns from flats, nice little plants for small pots, 10 sorts, 100 free by mail, \$1.25. Adiantum cuneatum, extra large, 4-in., \$10.00 per 100. Careful packing. Cash with order.
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Boston Ferns, extra large plants in 5 and 6-in. pots, ready for 8 and 9-in., only 50c each. Just what you want for your Christmas trade, or if kept for spring sales will make you a handsome profit. Try them, you won't be disappointed. Cash with order.
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Boston Ferns, N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rate.
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Boston ferns. Finest stock, \$4.00 per 100. Special prices on larger plants. Cash. D. W. C. Van Valkenburgh, 1440 60th St., Borough Park, Brooklyn, N. Y.

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Adiantum cuneatum, fine plants, 2 1/2-inch, \$4.00 per 100; 3 1/2-inch, \$8.00; 4-inch, \$10.00; large plants, 4-inch pots, \$12.50 per 100.
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Boston Ferns, from bench, per 100, \$5.00 to \$15.00. Selaginella Emiliania, 3-in., fine, 75c per doz.
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Ferns, fine assortment, 2 1/2-in., \$3.00; 3-in., \$6.00 per 100. John Bader, Troy Hill, Allegheny, Pa.

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Winter flowering, 2 1/2-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100.
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Fuchsias, in variety, in 2 1/2-inch pots. Our selection, \$3.00 per 100. Cash with order.
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Gardenia Florida, from 3-inch pots, 8-10 inches, branched, \$10.00 per 100.
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3-in., \$9.00; 4-in., \$15.00 per 100.
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Sweet Scented, Mrs. Pollock, Pansy, 2 1/2-inch, \$4.00 per 100; Mrs. Parker, 2 1/2-inch, \$6.00 per 100; Happy Thought, Silver Leaf, 2 1/2-in., \$4.00 per 100. Rooted cuttings: Assorted, \$1.50 per 100; mixed, \$1.25; Mrs. Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Silver Leaf, Rose scented, Ivy, \$1.50; Mrs. Parker, Freak of Nature, \$4.00; Mme. Sallerol, \$1.25. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

GERANIUMS—Continued.

Geranium Novelties for 1900. The finest collection in America. A set of selected Double Bedders, Single Bedders, Fancy Doubles, Mammoth Fancy Singles and Ivy Leaved varieties. A full line of 1899 introductions in all the above sections, also a full line of selected standard bedders.

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100,000 Geraniums, rooted cuttings, of the best varieties: Per 100. Per 1000.
Your Selection \$1.50 \$12.00
Our Selection 1.25 10.00
Mme. Sallerol 1.25 10.00
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New geraniums, De Roo Mitting, yellow foliage, double, pure scarlet bloom and Double Snowdrop, the best double white bedder to date, \$1.20 per doz.; \$10.00 per 100.
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Mixed, good assortment, not labeled, from 2-in. pots, \$2.00 per 100.
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Double New Life, 2-in., \$4.00 per 100.
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Grevillea Robusta, 2-in., strong, \$2.50 per 100.
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Grevillea Robusta, 2½-in., \$5.00 per 100.
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Iris Kaempferi, named varieties, \$5.00 per 100; \$40.00 per 1000. Deutzia gracilis, fine forcing stock, 12 to 15 inches high, \$4.00 per 100; 15 to 18 inches high, \$6.00 per 100. Berberis Thunbergii, strong transplanted stock, 15 to 18 inches, \$3.00 per 100; 15 to 24 inches, \$4.00 per 100. Storrs & Harrison Co., Painesville, O.

Ampelopsis Vetchil, field grown, heavy, \$50 per 1000. Clematis paniculata, field grown, \$70 per 1000. Shrubs, a general assortment, \$30 to \$50 per 1000. California privet, 2 to 3 ft., \$30 per 1000. Box, dwarf, \$25 to \$30 per 1000. Elizabeth Nursery Co., Elizabeth, N. J.

Blotia Aurea Nana, a perfect gem, fine, choppy plants, hardy north. 10 to 12 inches high, \$10.00 per 100; \$50.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100.
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Ampelopsis Vetchil, extra fine stock, \$50.00 per 1000. Large stock of other vines. Low prices on quantity. Clematis paniculata and flammula, Bignonia radicans, honeysuckles, etc. David G. Yates & Co., Mount Airy Nurseries, Philadelphia, Pa.

Eglantine, the true fragrant sweet briar, Rosa Rubiginosa, 4-5 ft., \$5.00; 2-3 ft., \$3.00; 1-2 ft., \$2.00 per 100. Berberis Thunbergii, \$3.00 to \$7.00 per 100.
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Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

Magnolias, for spring delivery. Japanese Maples, deliverable now or in spring. Send for prices.
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A fine assortment of Hardy Herbaceous Plants in prime condition for immediate planting.
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Deutzia gracilis, extra heavy plants, \$10.00 per 100. Rudbeckia Golden Glow, \$2.00 per 100. Cash. John Reimels, Woodhaven, N. Y.

F. & F. Nurseries, Springfield, New Jersey. Wholesale growers, Trees and Plants in full assortment. Trade catalogue free.

Spirea, A. Waterer, per 100, 3-year, \$12.00; 2-year, \$8.00; 1-year, \$5.00. The Conard & Jones Co., West Grove, Pa.

Rhododendrons for forcing, 50c each; \$5.00 per doz. Well budded plants.
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Hardy Grass Pinks, \$3.00 per 100.
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Purple and white, 2-inch, \$2.00 per 100.
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Heliotrope, rooted cuttings, the best. 75c per 100.
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For the want of room to store, we offer the following hydrangeas in good, shapely, field-grown plants, suitable for 6-in. pots, at special low prices: Otaksa, 3 to 4 leads, Otaksa monstrosa, 3 to 4 leads, and Thomas Hogg, 4 to 6 leads, at \$2.00 per doz.; \$15.00 per 100; \$125.00 per 1000.
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Otaksa, red branched, Thos. Hogg, 4 or more crowns, \$10.00 per 100; \$90.00 per 1000. With 2 or 3 crowns, \$7.00 per 100; \$60.00 per 1000. Extra good value, satisfaction guaranteed. Jackson & Perkins Co., Newark, N. Y.

Hortensis and Ramis Pietis, strong field-grown, suitable for 6 or 7-inch pots, \$12.00 per 100; stronger plants, \$20.00 per 100.
Storrs & Harrison Co., Painesville, O.

H Otaksa, 6 to 10 crowns, \$10.00 per 100. Cash. John Reimels, Woodhaven, N. Y.

IPOMEA.

Ipomoea pandurata, day blooming Moon-flower, in any amount. State number wanted and write for prices.
James Frost, Greenville, Darke Co., Ohio.

IVY.

Ivies. From 4 to 8 runners, \$9.00 per 100. Cash. L. Hoebel, Fort Lee, N. J.

MANETTIA.

Manettia bicolor, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

MUSHROOM SPAWN.

Best English Milltrack, just arrived, \$7.00 per 100 lbs. In 500 lb. lots at \$6.50 per 100. Johnson & Stokes, 219 Market St., Phila., Pa.

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Orchids have for very many years been a specialty with the undersigned, and the collection is steadily augmented by fresh importations from the collectors of the firm. It is not easy, without seeing it, to form an adequate conception of the stock. Extent is simply immense. Quality fine. Prices moderate.
HUGH LOW & CO.,
BUSH HILL PARK NURSERY,
ENFIELD, ENGLAND.

We beg to announce to the trade that we have our own collectors in the tropics shipping us Cattleya Trianae, Mendellii, gigas and aurea and Odontoglossum crispum (Pacho type) and will be pleased to book your orders, spring of 1900 delivery. We also have the finest collection of Laello-Cattleya hybrids-unique types. Catalogue may be had on application. Arnold & Co., Orchidists, 222 St. Marks Sq., Phila.

Just arrived in fine condition, Cattleya Mendellii and Laelia Jongheana; also C. lablata, C. speciosissima, C. Gaskelliana and C. Harrisoniae. Cherry wood baskets, moss and peat.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel.
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PEONIES.

Officialis Rubra, dark red, best for forcing, extra strong, five years' old, \$2.50 per dozen; \$15.00 per 100. Same, two years old, from 4 to 6 crowns, \$1.25 per doz.; \$7.50 per 100. Paeonia Chinensis. All shades of rose and pink in mixture, three and four year old stock, \$1.50 per dozen; \$8.50 per 100. Cash.
Wm. A. Finger, Hicksville, N. Y.

PALMS, ETC.

WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS.
Measurements from top of pot to top of tallest leaf.

	Pot H't Char.	Doz.
	in. in. lvs.	Each.
Latania Borbonica,	2	\$.50
"	3	1.50
"	5 16-20 5-8	5.00
"	6 18-22 6-7	7.75
"	7 20-24 6-8	1.00
"	8 28-30 7-8	2.00
"	8 28-34 7-8	2.50
"	9 30-36 8-9	3.00
Cocos Weddelliana,	3 14-13 4-6	.25
Kentia Belmoreana,	3 6-7 3-4	.25
"	3 8-10 4-5	3.00
"	5 18-20 5-6	.75
"	5 18-22 6-7	1.00
"	6 20-25 5-7	1.50
"	7 34-38 6-7	2.50
"	10	8.00
Kentia Forsteriana,	5 20-24 4-6	.75
"	5 25-28 4-6	1.00
"	6 28-30 6-8	1.50
"	7 36-40 5-6	2.50
"	10	8.00
Ficus Elastica,	4 12-14	.25
"	5 16-18	.50
"	6	1.00

	Pot. H't. Tiers.	Each	Doz.
Araucaria Excelsa,	3 6-8 2-3	\$.50	\$ 6.00
"	4 10-12 2-3	1.00	10.00
"	5 18-20 3-4	1.25	15.00
"	7 36-38 6-7	2.50	30.00

Dracaena terminalis, 4-inch pots, fine plants, \$3.00 per doz. Dracaena fragrans, fine plants, per doz., 4-inch, \$3.00; 6-inch, \$5.00; 8-inch, \$9.00.

Peperomia Argyrea, per doz., 2-inch, 76 cts; 3-inch, \$1.50; 4-inch, fine plants, \$2.00.
Geo. Wittbold, 1708 N. Halsted St., Chicago.

Latania, 4-in. pots, 18 in. high, 4 and 6 leaves, \$2.00 per doz.; \$15.00 per 100. 6 in. pots, 20 to 22 in. high, 6 leaves, \$6.00 per doz.; \$45.00 per 100. 3 ft. in height and diameter, \$2.00 per plant, \$22.00 per doz. 3½ to 4 ft. in height and diameter, \$5.00 per plant. Areca Lutescens, 4-in. pots, 22 in. high, 2 and 3 plants to pot, \$4.00 per doz. 6-in. pots, 26 to 30 in. high, 2 and 3 plants to pot, \$12.00 per doz. 9, 10 and 11 in. pots, 2 and 3 plants to pot, with side shoots, 5 to 6½ ft. high, \$5.00, \$7.50 and \$12.50 per plant. Kentias, in several sizes, prices on application. Pandanus Vetchil, 6-in. pots, nicely variegated, \$1.00 per plant. 7-in. pots, nicely variegated, \$1.50 per plant. J. W. Colfresh, 53d and Woodland Ave., Phila., Pa.

	Pot H't Char.	Per	Per
	in. in. lvs.	100.	1000.
Latania Borbonica,	4 12-15	\$ 15.00	\$125
"	4 15-18 2-3	20.00	150
"	5 18-20 4-5	25.00	
Phoenix Canariensis,	4 15-18 4-5	15.00	
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Latania borbonica, 7-inch pots, 6 large character leaves, \$1.00 each; 8-inch pots, 6 to 7 large character leaves, \$2.00 each. Araucaria excelsa, fine stock, 16 to 18 inches high, \$1.25 each. Storrs & Harrison Co., Painesville, O.

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I am overstocked with Primroses and must have room for other plants. The 2½-in. are fit for 4-in. and the 3½-in. are ready for 5-in. All warranted A No. 1 stock. Chinese, mixed, and Obconica, 2½-in., \$1.50 per 100; \$12.00 per 1000. Chinese and Obconica, 3½-in., \$4.00 per 100; \$30.00 per 1000. A. Mitting, Morris, Ill.

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Our Specialties: Sweet peas, cosmos, hollyhock, verbena, aster, mignonette, etc.; onion, lettuce, celery, carrot, alfalfa, parsnip, lima beans, salt bush, bromus grass, Bermuda grass, Johnson grass, etc. All California grown. Wholesale only. Perry Watson & Co., Sacramento, Cal.

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California violets, \$4.00 per 100. Cash.
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Geranias, 10 varieties, 2½ and 3-in. Geraniums, 25 varieties. Marguerite Daisies, Fuchsias, Heliotropes, Lantanas, Coleus, Feverfew, Little Gem, \$2.00 per 100.
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Improved folding Cut Flower Box. Write for samples and prices.
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Sheep manure. Thoroughly pulverized and ready for immediate application. Special prices to florists and seedsmen in lots of 20 tons and up. Testimonials from Agricultural Department, University of California. Send for sample. Geo. C. Roeding, Proprietor, Fresno Fertilizer Works, Fresno, Cal.

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Jadoo Fibre, a substitute for soil. Jadoo Liquid, the very best fertilizer. Write for printed matter. American Jadoo Co., 817 Fairmount Ave., Philadelphia, Pa.

Bone meal. By the bag, ton or carload. Write us for quotations.
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The Van Ryeper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts; by mail, 75 cts; in lots of 5000 by express, 55 cts per 1000. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Glass for Greenhouses, Graperies, Conservatories and Hot-Beds. French and American Glass. Van Horne, Griffen & Co., 40 to 48 Vestry St., New York.

Every florist ought to insure his glass against hail. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

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Nicomite (patent) Vapor Insecticide. No labor required. Harmless to bloom and foliage. A certain killer of red spider, green fly and other insect pests. Sold by seedsmen. The Tobacco Warehousing and Trading Co., Louisville, Ky.

Rose Leaf Extract of Tobacco Insecticide. The best for all florists. For sale by all seed stores. For free pamphlet write to Louisville Spirit Cured Tobacco Co., Louisville, Ky.

Sulpho-Tobacco Soap. Universal Insecticide for flowers, trees and animals. Recommended and in use by the foremost florists and nurserymen. For sale at the seed stores.
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We manufacture Standard Flower Pots, Lawn and Hanging Vases. We make a light, porous, strong, durable pot that gives satisfaction to all who use it. We invite a trial order.
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Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for price. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots, wide bottoms, wall burned and porous. Reduced prices.
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CLASSIFIED ADVS.—Continued.

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Hose Connection Co., Kingston, R. I.

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We are headquarters on Sphagnum. Just received several carloads.

Per Bale, \$1.00.
Six Bales, \$5.00.
Ten Bales, \$7.50.

Write for prices on large quantities.
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We are now gathering Sphagnum Moss for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.

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We are just in receipt of some of the best Moss that has reached Chicago in recent years and now is the opportunity to lay in a good stock. 3 bales, \$3.00; 6 bales, \$5.50; 12 bales, \$9.00. Special price on larger quantities.

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Sphagnum moss, best quality. Write L. B. Brague, Hinsdale, Mass.

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Do you enjoy getting up at night in zero weather just to see if temperature in your greenhouse is all right? There will be no occasion for you to do so, if there is placed in your greenhouse one of our Electric Temperature Indicators. This is a simple little instrument placed among the plants and connected with your office or sleeping room and you are immediately warned of any change in the temperature. Price, including electric bell, dry battery, switch and 150 ft. wire, \$5.00. Sold under an unlimited guarantee. Shipped C. O. D. on approval. Send for booklet.

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We are large manufacturers of Wire Designs and can please you both in quality and price. Send for list.

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C. A. Kuehn, 1122 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We make a specialty of all wire designs. Our stock is large and prices reasonable. Send for illustrated catalogue.

Ellis & Pollworth, Milwaukee, Wis.

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Manufacturer of Wire Work for Florists.
James Griffith, 701 Main St., Cincinnati, O.

Komada Bros., manufacturers of Florists' Wire Designs, 921 Wood St., Philadelphia, Pa.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

ST. PAUL, MINN.

Trade has been excellent during the early fall and is improving daily. Mums of various sizes, colors and types are now in evidence while there seems to be a plethora of roses. Carnations are still scarce with good stock hard to obtain. Violets are coming in fairly well and of good quality, considering the variable weather which we have experienced. Mums are at midseason now and

are selling very freely. No striking new varieties are noted here this year. While the acme of perfection has not yet been reached, still we think many of the old sorts hard to beat. Bonnaffon and Ivory, two of the tried and true, are still with us fully as popular and profitable as when first introduced. In carnations, most of the one time favorites have been discarded for those of greater merit. Daybreak being the one notable exception. Flora Hill, Triumph, Jubilee and Bradt are the principal varieties in their respective colors.

A. H. Bunde has rented his houses on the Hudson road to Mr. Miller, who will grow vegetables, and is building two new houses in the city on Maria avenue.

Bouquet green has made an appearance and is being used for decorating stores. E. F. Lemke had a large store decoration of green last week.

At one of the prettiest home weddings seen here in some time, the decorations were in wild smilax, mums and roses. The brides bouquet was of violets in the shower style, and was very much admired. Just why brides should always carry white flowers has never been satisfactorily explained. Colored flowers are also being used quite extensively in funeral work.

We are sorry not to be able to report a mum show in the Twin Cities, as the flowers, flower lovers, enthusiastic florists and other attributes for a successful flower show are here. Perhaps a little more "team work" is necessary. In other words, a little more friendly feeling prevailing among the members of the fraternity would benefit all concerned. "In union there is strength," would be an appropriate emblem for our local society to adopt and then all work with that object in view.

From present indications bouquet green will be higher priced than for several years. In the grand forward march of prosperity which we are now enjoying, the green pickers are demanding higher prices, while lath and other accessories have advanced in price in the same proportion as glass.

Since our last report our visitors' register contains the following names:

W. H. Small of Evansville, Ind.; F. Mesenburg of St. Cloud; Mr. Brown of the Brown Bag Filling Machine Co.; J. M. Kimberlin and grandson of California. X. Y. Z.

WILMINGTON, O.—Holaday & McDonald have purchased the greenhouses of the Clinton Floral Co.

SEND ADVS. early for our special Thanksgiving Number to be issued Nov. 16.

UTICA, N. Y.—Mr. F. E. Shaw has opened a new store at 244 Genesee St., which is fitted up in first-class style.

PRIMROSES.

Chinese, single mix, ready for 3-inch pots, \$1.25
Obconica grandiflora, " " " " 1.25
Forbesi, ready for 3-inch pots " " " " 2.00
150 Asparagus Sprengeri, 2½-inch pots " " " " 4.00
Pansy Plants, line plants, 1000, \$2.75 " " " " 1.50
Cash with order.

JOS. H. CUNNINGHAM, Delaware, Ohio.
Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

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Ten Pads (1000 sheets), by express, \$1.75.

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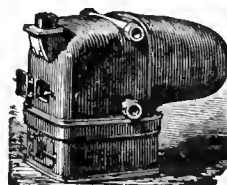
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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago.

334 Dearborn Street.

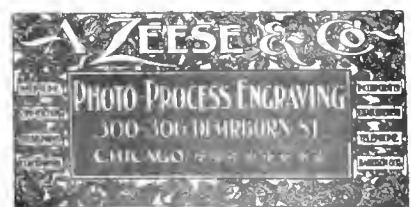
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Advertising rates: Per inch, \$1.00; 1/2 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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THE FLORISTS' MANUAL, by Wm. Scott, will be ready for delivery by the time this issue reaches you. Send in your order for a copy if you have not already done so. Price \$5.00, prepaid by express or mail.



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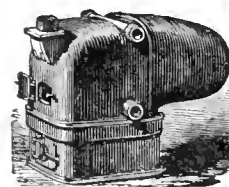
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The Wabash Railroad has inaugurated a new weekly tourist sleeping car line between St. Louis and Los Angeles via the Santa Fe Route from Kansas City. The tourist sleeper will leave St. Louis via the Wabash every Wednesday at 9:00 P. M. Passengers from Chicago should take the Wabash fast day express, leaving Chicago at 11:00 A. M., and connecting in the Union Station at St. Louis with the through car. Berths reserved in advance upon request. P. A. Palmer, A. G. P. A., 97 Adams Street, Chicago.

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TARRYTOWN, N. Y.

Hort. Society Meeting.

The Tarrytown Hort. Society held its regular monthly meeting in the Vanderbilt building on Thursday evening, the 26th ult. The treasurer read a very satisfactory financial report, showing that he could more than meet all the expenses likely to be incurred at the forthcoming show on Nov. 10th and 11th. Several committees gave in reports in connection with the same, and on the whole everything seems to be in readiness and on a satisfactory footing.

Wm. Turner, gardener to Wm. Rockefeller, Tarrytown, was appointed curator of the exhibition. Mr. Turner is eminently fitted for such a post, and all may expect courtesy and fair play at his hands.

John Boshard, Irvington, Robert Henderson, Steven Bradley and Joe Money, Hastings, were elected to membership. V. H. Pilat, Sing Sing, David McFarlane, gardener to Walter Webb, Beechwood, Scarborough, and Samuel Mathieson, assistant gardener, Beechwood, Scarborough, were proposed.

A. L. Martin, gardener to Mrs. C. C. Worthington, Irvington, showed a fine vase of cosmos, which was greatly admired.

Several members spoke in very feeling terms of the late Chas. Weise. Mr. Weise is the first member that we have lost by death since the society's formation, and in his death we all feel

that we have lost a personal friend. In connection with this the following resolution was offered and unanimously adopted:

Whereas, In the inscrutable wisdom of Almighty God, the hand of death has been placed upon our fellow member, Mr. Chas. Weise.

Whereas, His death removes from our midst one who was a prominent figure amongst us, whose tireless energy on behalf of this society, whose keen insight into horticultural matters, made him a valuable member and associate.

Be it resolved, That we each and all of us feel a personal grief in his death. That we tender to his stricken relatives the assurance of our profound sympathy with them, in the sorrow that they are called upon to bear.

That these resolutions be put on record in our minutes, and a copy thereof be sent to the relatives of the deceased.

JAS. T. SCOTT

THE FLORISTS' MANUAL, by Wm. Scott, is at last completed and books will be ready for delivery by the time this issue reaches our readers. It was a monumental task and took much more time than was expected, but the book is well worth the immense amount of time and expense lavished upon it. If you have not already placed your order for a copy send in at once and one will be promptly forwarded. Price \$5.00, carriage prepaid. It is a heavy book and will be sent by express where practicable.

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Lancaster, Pa., June 17, 1899.
MR. THERON PARKER,
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Respectfully,
ALBERT M. HERR.

Flatbush, Brooklyn, N. Y.,
Feb. 18, 1897

MR. THERON PARKER,
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Yours truly,
DAILLEDOUZE BROS.

W. Hoboken, N. J., Feb. 18, 1897.
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Yours truly, E. ASMUS.

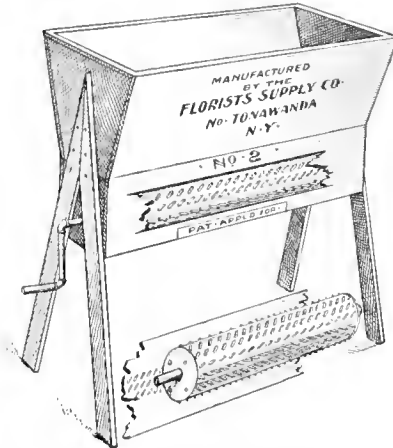
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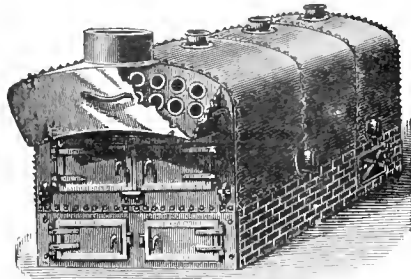
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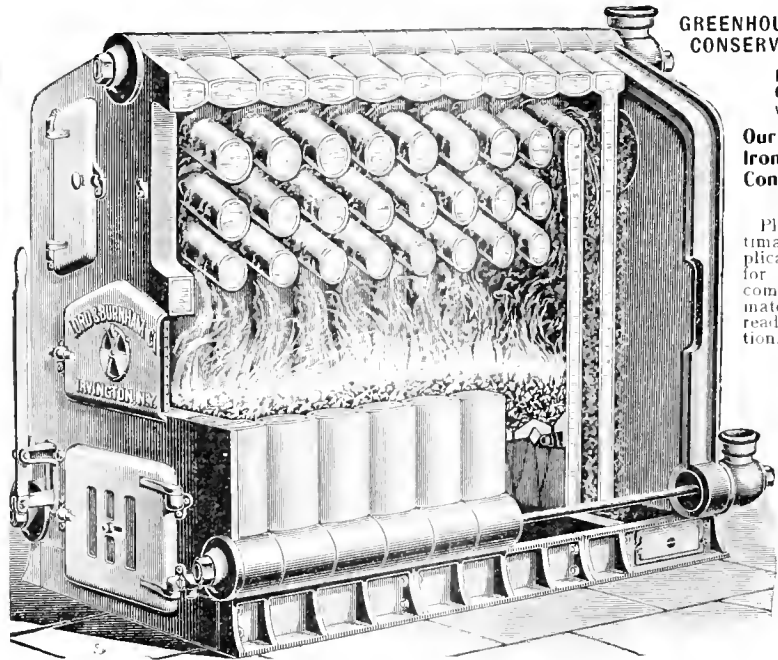
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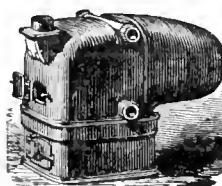
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THE WEEKLY
FLO R I S T S ' R E V I E W

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. IV.

CHICAGO AND NEW YORK, NOVEMBER 9, 1899.

No. 102.

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COMMENCING FEB. 1, 1900.

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.....ANNOUNCEMENT.....

Owing to the phenomenal sale of Liberty, I am compelled to announce that all orders coming in after this date can only be filled in April or later, my stock for March delivery being all sold. All orders will be filled strictly in rotation, first come, first served; but **beware of buying the mock Liberty—it is worthless as a cut flower, being only semi-double.** The rose has been known in Germany for the last two years as "Gruss aus Teplitz."

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Most nearly approached by Meteor in color, but far surpassing that standard variety in brilliancy and purity of color, as well as in size, never showing any deformed, black or bull heads, either in winter or summer, and far surpassing Meteor in freedom of bloom. A remarkable keeper when cut, keeping its brilliancy of color without turning blue or dropping its petals, as is the case with Gen. Jacqueminot, which it somewhat resembles in size and fragrance.

I hereby extend a cordial invitation to all lovers of the Queen of Flowers, to come and see Liberty growing.

Prices are as follows for All Stock:

Own Rooted Plants in 2 1/2-in. pots.		Grafted Plants in 2 1/2-in. pots.	
12 plants	..... \$ .60 each	12 plants	..... \$ .75 each
25 "	..... .50 "	25 "	..... .60 "
50 "	..... .30 "	50 "	..... .50 "
100 "	..... .25 "	100 "	..... .40 "
1000 "	..... .20 "	1000 "	..... .35 "

Satisfactory reference or deposit from all unknown correspondents.

.....AGENTS.....

J. C. VAUGHAN, Chicago, Ill. J. N. MAY, Summit, N. J.
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CHRYSANTHEMUMS

CHRYSANTHEMUM SHOWS.

- Nov. 1 3**—BROCKTON, MASS.—Brockton Gardeners and Florists' Club, Walter E. Baker, Secretary.
- Nov. 7 8**—MADISON, N. J.—Morris County Gardeners' and Florists' Club, C. H. Atkins, Secretary.
- Nov. 7 10**—BOSTON.—Massachusetts Horticultural Society, Robt. Manning, Secretary, Horticultural Hall.
- Nov. 7 11**—CHICAGO.—Horticultural Society of Chicago, W. N. Rudd, Assistant Secretary, Room 1002, 145 Dearborn Street.
- Nov. 7 11**—PHILADELPHIA.—Pennsylvania Horticultural Society, David Rust, Secretary, Horticultural Hall.
- Nov. 8 9**—MONTREAL, QUE.—Montreal Gardeners' and Florists' Club, Fred Bennett, Secretary, 136 Peel Street.
- Nov. 8 9**—WORCESTER, MASS.—Worcester County Horticultural Society, A. A. Hixon, Secretary, 18 Front Street.
- Nov. 8 10**—POUGHKEEPSIE, N. Y.—Dutchess County Horticultural Society, W. G. Gomerfall, Secretary, Fishkill-on-Hudson, N. Y.
- Nov. 9 10**—PROVIDENCE, R. I.—Rhode Island Horticultural Society, C. W. Smith, Secretary, 61 Westminster Street.
- Nov. 10 11**—TARRYTOWN, N. Y.—Tarrytown Horticultural Society, Jas. T. Scott, Secretary.
- Nov. 10 11**—ANDOVER, MASS.—Andover Gardeners' and Florists' Club.
- Nov. 13 16**—HARTFORD, CONN.—Connecticut Horticultural Society, C. H. Boykett, Secretary.
- Nov. 13 18**—BALTIMORE, MD.—Baltimore Gardeners' and Florists' Club, Geo. Talbot, Secretary, Clifton Park.
- Nov. 14 16**—NEWPORT, R. I.—Newport Horticultural Society, Alex. McLellan, Secretary, Ruggles Avenue.
- Nov. 14 16**—MILLBROOK, N. Y.—Millbrook Horticultural Society, J. O. Pingrey, Secretary.
- Nov. 14 18**—ST. LOUIS.—St. Louis Florists' Club, J. J. Beneke, Mgr., 1222 Olive Street.
- Nov. 15**—ORANGE, N. J.—New Jersey Horticultural Society, J. B. Davis, Secretary.
- Nov. 15 16**—ELMIRA, N. Y.—Elmira Horticultural Society, R. R. Stockdale, Secretary.
- Nov. 15 17**—WACO, TEX.—Texas State Floral Society, Miss Bella Beer, Cor. Secretary.
- Nov. 15 18**—TORONTO, ONT.—Toronto Gardeners and Florists' Association, D. Robertson, Secretary, Reservoir Park.

CHRYSANTHEMUM SOCIETY OF AMERICA.

The committees judging seedling chrysanthemums will now be in session every Saturday to and including Nov. 25th. Exhibitors should make their entries (for which a fee of two dollars is charged for each variety entered) to the secretary not later than Tuesday of the week they are to be shown.

All exhibits forwarded to the following addresses (express charges pre-

paid) will receive careful consideration:

Boston, Mass.—A. H. Fewkes, Horticultural Hall, Tremont street.

New York, N. Y.—E. Dailedonze, care New York Cut Flower Co., 119 West Twenty-third street.

Philadelphia, Pa.—A. B. Cartledge, 1514 Chestnut street.

Cincinnati, O.—R. Witterstaetter, care Cincinnati Cut Flower Co., corner Fourth and Walnut streets.

Chicago, Ill.—C. W. Johnson, care Illinois Cut Flower Co., 51 Wabash avenue.

ELMER D. SMITH, Sec'y.

CHRYSANTHEMUM SOCIETY'S SILVER CUP.

The officers of the Chrysanthemum Society of America have decided to award a silver cup (valued at \$20.00) to the seedling which averages the highest number of points. To be eligible to this contest, the seedling must be shown to at least three committees, and from their scoring an average will be made.

ELMER D. SMITH, Secretary.

WORK OF THE COMMITTEES.

BOSTON, MASS., OCT. 21.—Hewey A. Molatsch, Brooklyn, N. Y., exhibited Walter Molatsch, a yellow Jap. Inc., scoring commercial scale 93 points.

PHILADELPHIA, PA., OCT. 28.—Wm. Paul Binder, Rider, Md., exhibited Marguerite, a creamy white Japanese, which scored commercial scale 85, exhibition scale 82 points. Mrs. Geo. C. Jenkins, a pale pink Japanese shown by above exhibitor scored commercial scale 86, exhibition scale 87 points. John N. May, Summit, N. J., exhibited No. 38, a pink Jap. Inc., scoring commercial scale 84 points, exhibition scale 83 points. No. 125 by above exhibitor, a pale pink Jap. reflexed, scored 76 points in both scales. No. 145, also by above exhibitor, a light pink Jap. reflexed, scored commercial scale 89, exhibition scale 90 points. (Name for No. 145 will be furnished in next report.)

NEW YORK, NOV. 4.—Jas. Carstairs, New Rochelle, N. Y., exhibited Souci, a bright yellow Jap. incurved, which scored commercial scale 90 points. John N. May, Summit, N. J.,

exhibited No. 2, a bronze Jap. Inc., which scored commercial scale 82 points. (Name for No. 2 will be given later.)

BOSTON, NOV. 4.—G. P. Rawson, Elmira, N. Y., exhibited Zaza, a white Jap. variety which scored commercial scale 69, exhibition scale 68 points. Col. D. Appleton, a Jap. Inc. yellow, exhibited by John Marshall. Purchase, N. Y., scored commercial scale 91, exhibition scale 93 points.

PHILADELPHIA, NOV. 4.—John N. May exhibited E. No. 10, a white Jap. Inc. variety which scored commercial scale 83 points. No. 2, by same exhibitor, scored commercial scale 88, exhibition scale 86 points. Wm. Paul Binder, Rider, Md., exhibited a light pink Jap. Inc. variety named Admiral Schley, which scored both scales 86 points.

CHICAGO, NOV. 4.—John Marshall exhibited Col. D. Appleton, which scored commercial scale 95 points.

ELMER D. SMITH, Sec'y.

THE CHICAGO EXHIBITION.

The annual exhibition of the Horticultural Society of Chicago was opened to the public last Tuesday morning, and, placed in the great Auditorium Theater, it was a magnificent sight. The space, however, proved to be smaller than expected, and the cut blooms had to be placed in the foyer, and other displays in the promenade space on the floor above. The view of the main display from the balcony was superb, however, though it would have been still more satisfactory had not a very tall, solid group of palms been placed in the center, obstructing the view.

Owing to the generally unfavorable season for chrysanthemums, the average of quality in both plants and flowers was not up to that of last year and there was some decrease in quantity, too. Still, some magnificent blooms were shown, a few varieties being seen in better form this year than last. This was notably so with the varieties Mrs. Perrin, Mrs. W. C. Egan, Mrs. M. A. Ryerson and Mrs. J. J. Glessner. The improvement in the color of Mrs. Perrin was especially noticeable and all the varieties noted had improved decidedly in color, form and general finish.

In the cut flower classes *Fee du Champsaur* was very prominent among the whites. G. J. Warren, a yellow sport from Mme. Carnot, at once caught the eye among the yellows. Mrs. Weeks was also extra good. Among the reds, *Black Hawk* showed up well, possibly a little weak in the stem, but fine in color and good in form. *Chito* was prominent among the bronzes and is certainly a fine exhibition flower. Mrs. Trainor L. Park is a very promising yellow, a large, high built flower, that is likely to be frequently seen in the future.

Bonnaillon still holds the leading position among the yellows and in speaking of this variety the judges said: "We know of no other chrysanthemum so uniformly well finished, and that has so well stood the test both as an exhibition and market flower. Ivory is the only chrysanthemum that approaches it in finish."

The unfavorable season accounts for the absence of some well known varieties, such as *Ivory* and *Robinson*, and also for certain exhibitors that have heretofore been represented. We hear that N. Smith & Son, Adrian, Mich., are only just beginning to cut *Ivory*, and that their general collection of midseason varieties will not be ready for another week.

Of new varieties shown on the opening day, there were two from E. G. Hill & Co., Richmond, Ind. Mrs. Seulberger is a loose petaled reflexed Jap. of immense size and with a beautiful tone of white. It is a very promising exhibition sort. *Onyx* is a very pale yellow, incurved type, a large, showy flower, very good in stem and foliage.

Especially attractive features of the show were the displays not for competition made by Charles A. Samuelson, E. Weinhoeber, George Wittbold and the Anderson Floral Company, about which we will have more to say next week.

George Wittbold made a notable display of palms and ferns and groups were shown by various private gardeners, all of which added to the attractiveness of the show. The group exhibited by Mr. J. Algots, gardener to Mrs. George M. Pullman, was immense in size and contained many of the rare and handsome specimens shown last year.

Mr. E. G. Uiblein had his usual table of orchids, a fine show of bloom, with many kinds represented.

We shall mention more specifically next week a number of these displays.

The judges were Messrs. A. Herrington, Madison, N. J.; Jno. F. Cowell, Buffalo, and Emil Buettner, Chicago. Below are the awards made Tuesday and Wednesday:

Chrysanthemum Blooms.

For 25 blooms, one variety, white, Mt. Greenwood Cemetery Association was first with Mrs. H. Weeks; Anton Then, second, with Wanamaker.

For 25 one variety, yellow, Gunnar Teilman, Marion, Ind. took first with Bonnaillon; Mt. Greenwood Cemetery Association, second, with Henry Hurrell.

For 25, pink, Gunnar Teilman was first, with Morel; Mt. Greenwood, second, with Mrs. Perrin.

In 25 red, Mt. Greenwood took first with *Black Hawk*; they also were first in 25 bronze, with *Chito*.

In the class for 12 varieties, one bloom of each, James Hartshorne was first, his collection including the following: *Fee du Champsaur*, Mme. Ferlat, *Red Warrior*, Morel, Mrs. W. C. Egan, Philadelphia, Maud Dean, Silver Queen, Murdock, Mrs. Perrin, Shilowa, Idavan. Mt. Greenwood Cemetery Association was second.

For 12 blooms of a variety named after a Chicago lady, Jas. Hartshorne was first with Mrs. W. C. Egan.

For 6 blooms, one variety, white, Mt. Greenwood was first with *Fee du Champsaur*; Jas. Hartshorne, second, with Mrs. M. A. Ryerson.

In 6 blooms, yellow, O. J. Speidel, gardener for P. D. Armour, was first with Mrs. J. J. Glessner; Jas. Hartshorne, second, with Bonnaillon.

In 6 blooms, pink, H. Weber & Sons, Oakland, Md., were first, with Mrs. Perrin; Anton Then, second, with Morel.

H. Weber & Sons were also first for 6 blooms, red, with G. W. Childs; Crabb & Hunter, Grand Rapids, Mich., taking second with *Red Warrior*.

For 6 bronze, Mt. Greenwood was first with *Boul d'Or*; Crabb & Hunter, second, with *Chito*.

For 6 blooms any other color, first went to Mt. Greenwood for a vase of Philadelphia.

For collection of not less than 40 varieties, Mt. Greenwood Cemetery Association was first, their collection including the following varieties: G. J. Warren, Pennsylvania, Mrs. N. Molyneux, Modesto, Solar Queen, Yellow Mayflower, Philadelphia, Frank Hardy, Mrs. Ryerson, Idavan, Pres. Nonin, Mrs. Jerome Jones, Yellow Jones, Defender, Mrs. Perrin, Evangeline, Lady Hanham, Clara Goodman, Mrs. Weeks, Chebeaque, Mrs. J. J. Glessner.

For best collection anemone varieties, James Hartshorne was first, the collection including Bartholdi, Mme. Desbois, Judge Hoitt, Mme. Chalonge, Hudibras, Fleur de Marie, Thorpe, Jr., Descartes and Extravaganza.

In the international competition in cut blooms, a dozen in 12 varieties, Mt. Greenwood Cemetery Association was first in Illinois, Crabb & Hunter in Michigan, H. Weber & Sons in Maryland, Theo. Bock in Ohio, W. A. Chalfant in Missouri, O. J. Speidel in Wisconsin. And the sweepstakes prize of \$50 was won by Mt. Greenwood Cemetery Association of Illinois, the second prize (a set of Challenge ventilators) going to O. J. Speidel, of Wisconsin.

Chrysanthemum Plants.

In single specimen plants Mt. Greenwood Cemetery Association were first for white, with *May Flower*; for yellow, with Henry Hurrell; for red, with John Shrimpton; for any other color, with Silver Cloud. J. C. Vaughan was first for bronze, with Oakland; and Robt. Mueller, gardener for A. S. Trude, was first for pink, with L. Boehmer.

In the classes for standards Mt. Greenwood Cemetery Association was first on three plants, with Mrs. H. Weeks, Golden Wedding and Mrs. Murdoch; also for five plants, with *Black Hawk*, Nyanza, May Foster, Modesto and Henry Hurrell. J. C. Vaughan took second prizes in these classes.

For five specimens in 10-inch pots, J. C. Vaughan was first, the varieties being G. W. Childs, *Beauty of Truro*, L. Boehmer, *Enfant des deux Mondes*, and Henry Hurrell. Some of these were almost cone shaped in form and it is certainly a very attractive exhibition form.

Mr. Vaughan was also first for five specimen anemone sorts in five varieties, and it was a very attractive display. The varieties were Garza, Descartes, Mary Stuart, Halcyon and Ada Strickland. He was also first for 10 pompons, the collection including Martha, Canary Bird, Mrs. Astie and Miss May Williamson. He also won first for five specimens in 8-inch pots.

In the class for 25 plants grown to single stem and bloom, the aggregate of the first and second prizes was divided equally between J. C. Vaughan and Henry Smith, Grand Rapids, Mich., the former showing Mrs. Trainor L. Park and the latter Mrs. Robinson.

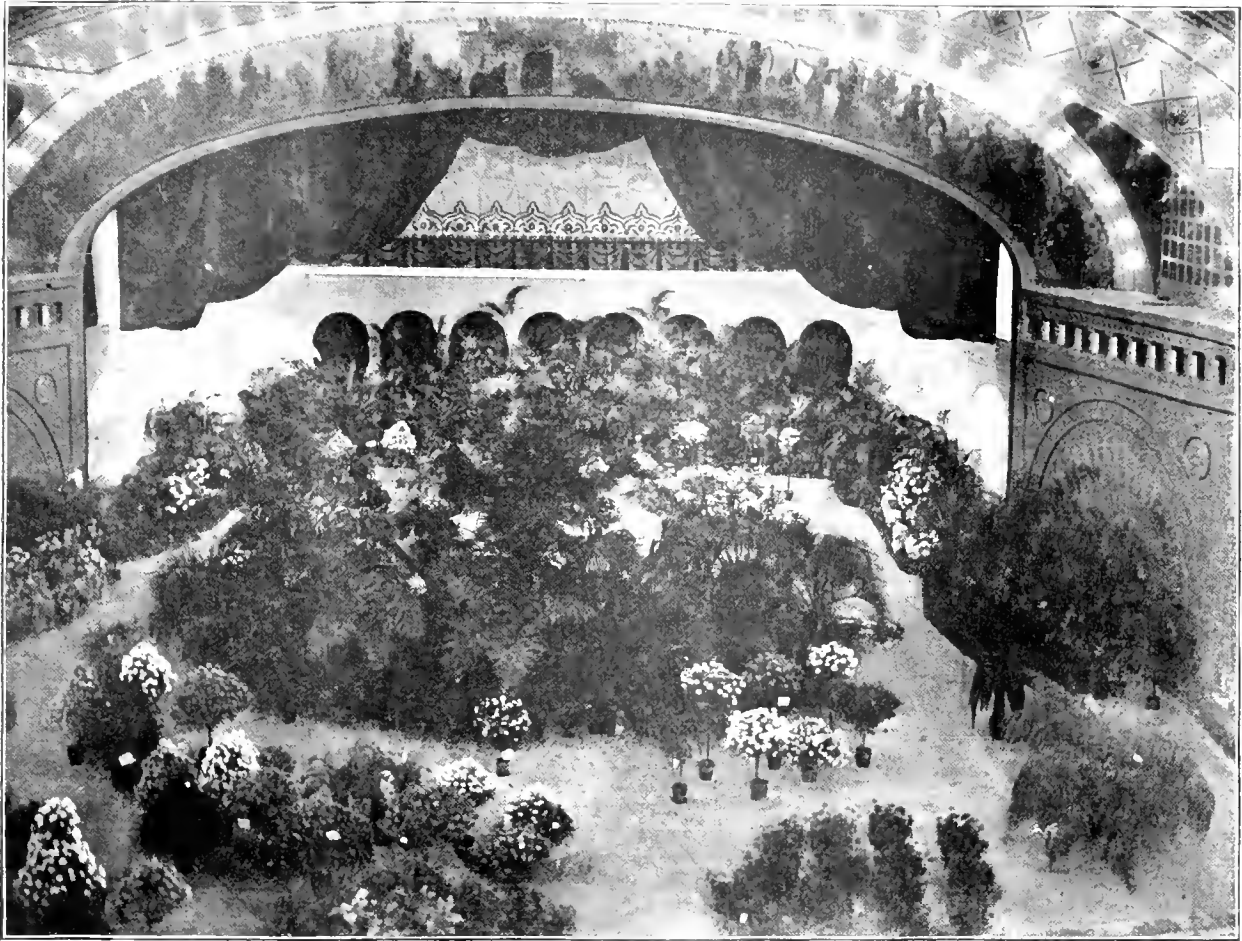
For 10 plants grown to single stem and bloom, Mr. Vaughan was first with a mixed lot, the varieties being Mrs. T. L. Park, Robert G. Carey, G. W. Childs, Adele, Constellation, Jeannie Falconer, Mrs. Robinson, Miss G. Pitcher, Mayflower and Mrs. O. P. Bassett.

The first prize for naturally grown specimen was won by the Mt. Greenwood Cemetery Association with a plant of *May Foster*.

Miscellaneous Plants.

Among miscellaneous plants two curiosities attracted much attention. They were a fan shaped chrysanthemum upon which 22 varieties had been grafted, shown by J. C. Vaughan, and a tomato plant grafted upon a potato, with ripe fruit at the top and tubers on the roots, shown by Robt. Mueller, gardener for A. S. Trude. The soil had been washed from the roots of the latter and the plant stood in a glass globe so the tubers could be plainly seen. Each of the above won first in its class.

The first prize for 3 standard geraniums was won by Mt. Greenwood Cem. Ass'n. with three splendid plants



View of part of the Chicago Show, which opened Tuesday.

of Heteranthe. With the same variety they won first for 15 specimen plants, one variety, a magnificent lot that was a revelation as to what cultural skill can do for this well known plant.

In begonias Henry Smith was first for five Rex varieties, and J. C. Vaughan for five sorts in bloom. For 10 cyclamens Kalous Bros. were first, and Anton Then second.

Mr. E. G. Uiblein took the prizes for best collection of cypripediums and for best collection of orchids other than cypripediums.

Geo. Woodward, gardener for John J. Mitchell, won first for specimen araucaria and for specimen croton.

Geo. Wittbold took firsts for basket of *Asparagus Sprengeri*, for specimen *dracaena*, specimen decorative plant, specimen Boston fern, two hanging baskets and display of decorative and greenhouse plants arranged for effect.

The two large prizes for best display of decorative and other plants, aggregating \$125, were divided equally between Geo. Wittbold and J. Algot, gardener for Mrs. Geo. M. Pullman.

E. G. Uiblein won first for specimen fern other than specified, and for 25

fancy caladiums (a most interesting lot.)

J. C. Vaughan won firsts for 6 araucarias and specimen *Acalypha Sanderi*.

Special and honorable mention was made by the judges of the non-competitive displays made by C. A. Samuelson, E. Wienhoeber, Geo. Wittbold and Anderson Floral Co., and of the group of palms and decorative plants shown by A. McAdams, crotons and foliage plants shown by John Reardon, and group of baby primroses, salvias and chrysanthemums shown by Anton Then. A *Cibotium regale* shown by John Reardon, gardener for M. A. Ryerson, was a truly superb specimen.

Roses.

The rose competition on Wednesday did not bring out as large a display as anticipated, though the quality of those shown was very good.

Bassett & Washburn were first for 25 American Beauties, 40 Brides, 40 Bridesmaids, 40 Meteors, and 40 Perles. W. W. Coles, Kokomo, Ind., was first for 40 Kaiserins. South Park Floral Co., New Castle, Ind., were first for 6 American Beauties, 12 Brides and 12 Bridesmaids.

The silver cup offered for 12 blooms of a new rose never before exhibited in this country was awarded to John Cook, Baltimore, Md., for this new light pink rose "Baltimore."

Several vases of the new crimson rose, Liberty, were exhibited by E. G. Asmus, W. Hoboken, N. J., and they attracted much attention and favorable comment.

Table Decorations.

On Wednesday there was a competition in table decorations of chrysanthemums. A. Lange was first with a low round center piece of Pink Ivory mums among which were tastefully interspersed a number of buds and partly developed flowers that added much to the grace of the arrangement. C. A. Samuelson was second, his center piece being also of Pink Ivory. John Mangel came third, Anderson Floral Co. fourth, W. L. Rock (Kansas City), fifth, and A. Klokner (Milwaukee), sixth. The arrangements of the last four were divided between low center pieces of various mums and tall trumpet vases of the same.

A GOOD CRIMSON.

Mr. James Niven, Oakland, Cal., sends us two blooms of his new crimson chrysanthemum Malcom Lamond, a cross between G. W. Childs and an unnamed seedling. The blooms arrived in excellent condition in spite of the long ride from the Pacific coast. They were shown to Mr. John Thorpe, who was much interested in them and who pronounced the variety the best crimson since G. W. Childs. The crimson is very near the same shade as Childs, but there is no yellow reverse and the flower is of better form. It more closely resembles Black Hawk, but is not so dark a crimson and possesses points of superiority in form.

Mr. Nivens writes that the variety is now in its second year and that habit and stem have proved excellent. He has a bunch of plants that stand four feet high without support of any kind.

Mr. Niven certainly has a very promising crimson chrysanthemum.

ST. LOUIS KNOWS HOW.

We have received a copy of the premium list and program for the ninth annual chrysanthemum show of the St. Louis Florists' Club, to be held next week.

In addition to the list of premiums to be awarded the program of music for each day is given and both of these items are surrounded by a sea of local advertising that must make the program a very profitable feature. And the premiums are very largely "specials" offered by various business houses and public spirited citizens.

There are several ways of making the public pay its proper share of the expense of holding these exhibitions and the St. Louis way seems a good one.

19 wire. The bunch should have no stems showing, be oval in shape, and be tied in the center with a high bow of white silk ribbon.

Chrysanthemums are being used for Bridesmaids' bouquets. Decided yellows and pinks are the favorite colors, but they are never mixed. The stems should never be longer than twelve inches, the flowers loosely arranged. No extra green is necessary, but the handle of the bunch must be thin and twisted with the same ribbon as the short bow is made of. From twelve to eighteen large flowers and two yards of ribbon is enough for these bunches; the bows can be at the bottom of the handle instead of the top as is usual.

Mixed colors in mums are permissible when the flowers are put in vases for ordinary decorations, but the finest effect can always be obtained from separate colors. Some combinations look well, for instance yellow and white, or yellow and bronze with autumn foliage or crotons. Where pink and white or pink and yellow or red are used it is better to use green instead of colored foliage.

Table Decorations.

Take special care of harmony in color when arranging anything for the show. If it is for table decorations insist on round tables, and try to get service to match your flowers; if you cannot, then get a green and white tone. White flowers for table decoration is bad taste unless it is for a wedding feast, yet it is hard to run up against judges who know so little about what is proper. Some day we will get out our own points for judging, the same as growers have now for several flowers.

Two great faults are mostly always observable in table decorations, those are clumsiness and bad finish. There should be at least eighteen inches of clear space for service. Of course a few delicate stray flowers or vines are permissible, but the recognized law is eighteen inches of space for the butler and his dishes; it is oftener twenty or twenty-two inches. Now regarding a view across the table: Flowers and plants are a source of annoyance when they prevent the diners from seeing each other, so be careful on this point. If your flowers are arranged in a flat basket they need not be cut ignominiously short, rather have your basket small and mossed solid and low; this will permit you to arrange with fairly long stems, only the center ones must be short. The whole affair should not be higher than from ten to thirteen inches, each flower to show itself clear, the poorer ones shorter than the fine ones. Avoid studied, formal or regular heights and distances, and cover the basket well.

It is always the finish that counts; every leaf should face up, and remember there is more pleasure in looking into a flower than looking under it. The crooked vine or flower is oftener more artistic than the straight one. If you lose it is not always the fault of the material, rather the way you have used it. When preparing a center-



Fads.

The craze for Japanese trained dwarf trees and toy tea gardens is still rampant in New York. During the past week several large auction sales of these goods were held and enormous prices were given for this foreign rubbish and humbug. As we have often stated before we do not wish to deny that there is "Lots of art" in many of these Japanese productions; they illustrate vast quantities of patience with and love for plant life, but the fabrications are stupendous.

It has been and is our humble desire to see art appreciated and elevated, and whilst we must be tolerant with representations from all parts and peoples, still we see such a vast amount of lovely American claimants ignored in favor of these artificial fads that we feel justified in protesting on the grounds that the craze is a detriment to the American plant trade. How so? Well, if you are a student of human nature you will know that if a customer pays you a big price for a plant and it dies or soon looks poor you must either replace it, or if he buys again his purchase is of little account to you.

We believe in good, big prices, but

we believe in fair values, because your own conscience will tell you that is the best road to travel. And if you purchase good home grown plants from your grower you can sell them at good prices without the romances which will only add to your weight when swimming across the "great unknown."

Chrysanthemoms.

We are right in the midst of the chrysanthemum season. Every window and stand is loaded with them and much as some may despise them yet those who have grown them well are reaping fair rewards. We notice many more poorer flowers this season, and a great increase in white ones. Thorley shows a few extra fine blooms in his window; each flower is encased in a white laced, fringed paper—just a miniature of the old Dutch bouquet holder—they look very grotesque in these collars, but not beautiful.

Large chrysanthemums are difficult flowers to arrange artistically if you coddle them tight or mix them with other flowers unless large roses. You cannot make a finer flat funeral bunch than of white mums and light tips of asparagus. It is desirable that some of the flowers should face up, and in order to make them do so use a No.

piece the greening of it is just as important as the fixing of the flowers. One fine bloom is all that is placed for each guest; you can tie this with a cluster bow of very narrow ribbon, no extra foliage; place these where they will appear part of the decorations, facing out in a way that will show the guests they are intended for wear; the stem must not be longer than eight inches. Gentlemen wear a small flower of the same color. Chrysanthemum foliage is not very ornamental on a dinner table, therefore hide as much of it as possible.

Where lady judges are employed, the lamp shade and ribbons usually win the prize; of course there are exceptions in most cases, but our experience has taught us that they as a rule pay more attention to the accessories than to the florist's art. When a grower is asked to be judge the quality and variety of material counts for more

In the case of wedding decorations place your flowers where the people can see them when they are all standing. Wild smilax is used in large quantities, but in fine work if it be used at all it is only as a background for choicer vines. People are getting to be very particular about the material you use and if it be common keep it out of sight as much as possible until you have it prettily arranged; this will avoid any cheap effect.

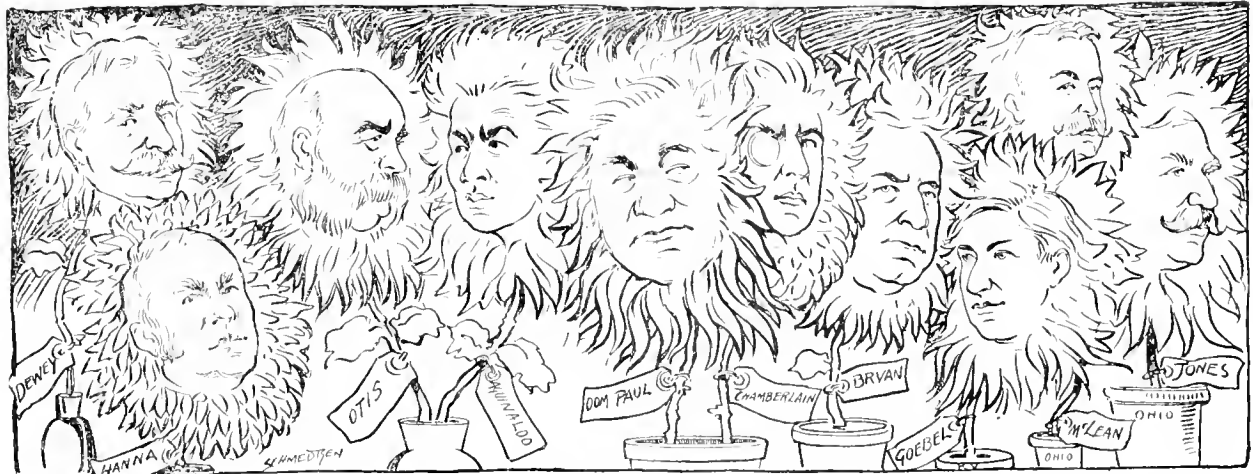
A bride's bouquet should not be any higher than thirteen inches from the tip of the handle up. The flatter it is the more convenient it is for her to carry; many times they are carried upside down for relief from weight or clumsy long handle; make your hand bouquets dainty and light. White orchids lead; some sprays of Dendrobium phalaenopsis are very light and make up well, especially for spray bunches. Lily of the valley is fine at

mums are seen again, but only where art is ignored.

The latest in boxes is a dark-olive-green-field-with-pink-rose wallpaper cover. The best looking violet box is a dark violet color with telescope lid. Imported holly trees, 5 feet high and well berried, were sold at auction in New York last week for \$2.75 each. Stump bought the lot. They are worth from \$10 to \$15 retail at Christmas; twelve years ago we got from \$50 to \$100 for similar trees; doubtless many more of these trees will be in the market before Christmas.

Good, large specimen Boston ferns are reported to be getting scarce, and it is early in the season yet. Better make some pans up and keep a stock on hand; they'll be wanted.

If you're short of vines you'll find Hall's evergreen honeysuckle a good thing. Small ivy tips will be used in funeral work this winter; leave some



A political Chrysanthemum Show. From the Chicago Record.

than anything else; this is not right, for it is art that is called for and that quality alone should determine. Of course fine stock should always be used, and whilst fully furnished tables are pretty and desirable yet we think there should be a class for flowers alone that the poor man may have a chance.

Every artist knows this subject is inexhaustible, but color and arrangement are the two principal guides. Yellow, pink and bronze are the safest colors, with the preference strongly in favor of pink. Helen Bloodgood or Harry Balsley types and colors are good. Eugene Dailedouze goes well with Farleyense. We think you will find that incurved varieties will look better than any other. If yellow is used the richer it is the better.

Other Arrangements.

In the matter of other forms of floral decoration we would like to see vases used more than they are, in fact a nicely filled Rookwood vase would beat many other forms of table decorations.

present; some of that long valley is grown too quickly and wilts; buy the cool grown. Jessamine and Bouvardia Humboldtii corymbiflora makes a fine and sweet bouquet. Orange blossoms give us lots of trouble, but a few go a long way.

Orchids.

Cattleyas are getting scarcer, though they still are the most prominent flower in all first class stores, and though they have been overplentiful this fall, from now on there will be a greater demand for them and retailers should push this jewel of all our flowers. Oncidiums are extra fine this year; they are seen in some of the Broadway windows, and they are beautiful.

Miscellaneous.

We notice many of the stores have vases of red berries in their windows. In most cases they are enough to jar one's nerves, mixed as they are with mums of every hue. There is nothing more funereal than a window filled with a mass of white mums. One New York store has dollar boxes of flowers with price on in the window. Dried

outside, but cover it; it looks better with a reddish tinge on it.

IVERA.

WHY?

Ed. Florists' Review: Why is it that the products of the greenhouse are lower in price this fall than ever before, while everything else has advanced 50 to 100 per cent. in price and still rising? While most all other business men are in clover the poor grower has to fight harder than ever to make both ends meet.

I would like to see a general discussion of this matter in the hope that it may lay bare some of the evil ways into which we have drifted, and bring forth some practical remedy.

WESTERN GROWER.

(On another page we print a very cheerful report from an eastern grower, and we have heard of a number of western growers who find an improvement in their returns over last year. But the inquiry of "Western Grower"

indicates that this is not universal. It certainly is a fact that the benefit of improved general business conditions has been very slow to reach around to the florist. Are those in the trade themselves to blame for this? Have we become so used to cutting prices in the fierceness of competition that we are selling our products at less than could be realized?

This was intimated at the Detroit convention of the S. A. F. We invite a general expression of opinion on the subject. Comment and criticism from anyone in the trade will be welcomed. —Ed.)

BOSTON.

Probably such a month of October never was known in this section. After two or three heavy frosts and the same number of remarkably cold days for the very beginning of the month, we have had an unbroken procession of the warmest of Indian summer days, the heat being too excessive for comfort the larger part of the time.

You can partially imagine the floral result, but perhaps not completely. Flowers not due for several weeks were forced upon the market in one grand outburst. Ripples of odds and ends, waves of violets and pinks, billows of roses and oceans of chrysanthemums washed upon the shore of trade after the effect of the cold snap had worn away. Prices went down with a thud and while buyers went away with generous bundles they did not seem to diminish the available quantity very much, and the street fakir flourished in conditions just to his taste, his prices being about twenty-five per cent. of that of the regular trade.

Fancy pinks, \$2 per hundred; ordinary, 50 cents to \$1. Best pink and white roses \$6, and the poorest ones unsalable at any price. Red ones correspondingly cheap. A few very aristocratic "mums" at \$2 and \$3 per dozen, but a one dollar bill took an awfully good twelve of any color. Violets from 20 to 75 cents per 100, and not plentiful.

Through the systematic efforts of a gentleman whose duties take him to the different hospitals of the city, and the generosity of many of the growers, a vast amount of surplus stock has found its way into the hands of the sick in the hospitals and a number of letters from those institutions attest appreciation.

All signs continue for a big winter's work. A few prominent ones have visited New York to gather new ideas, make purchases and learn prices, more are going soon, the woods are full of runners soliciting orders and shipments of different kinds are arriving from across the water.

A very pleasant appearing gentleman by the name of Phon has fitted up a first class establishment on middle Boylston street. He is all ready for a good business and seems to be getting

it. May good luck attend every good man's effort.

There is a whisper of a scarcity in certain kinds of palms and in smilax.

Wax Bros. have an interesting letter from Washington acknowledging receipt of Imperial violet plants ordered for government greenhouses and praising their appearance.

Albert Scott's little new place over on Beacon street is fitted up in a particularly neat and attractive manner, and he is managing it properly.

P. L. Carbone's ever increasing business has necessitated the building of an immense rose vault—which has been done very ingeniously to utilize a waste corner and makes a decoration of it as well.

A much better feeling prevails in the wholesale markets this morning, Monday, Nov. 6th. Goods nearly all sold, but prices not materially changed.

B. F.

ST. LOUIS.

The Market.

Trade has been somewhat slower with some of the florists, though some of the West End florists report business better than last week. The Horse Show of the past week, which is one of the fashionable events of the season, increased the demand for choice stock. Beauties and select chrysanthemums were used to considerable extent. California violets also had a good call.

Thursday we had the first taste of winter. It snowed all day but since then the weather has been fine and just such weather as we are having now we should have for our show next week. Let us hope that we will.

The heavy receipts of roses still continue, but the market does not improve on them, however, owing to the increased crop of chrysanthemums. There are lots of fine blooms of mums in the market. The best sellers are Ivory, Mrs. Hill, H. Sunderbruch, Robinson and Major Bonnaffon, the best of these bringing 20 and 25 cents each, and from this down to \$1 per dozen. A few southern mums sell at \$1 and \$2 per 100 and some for express charges.

Good teas are plentiful. Brides and Maids being quite abundant and slow sellers, \$1 to \$3 are the prices for good stock. Meteors are the best sellers just now. Perles, Woottons and Kaiserin also sell fairly well at \$3 and \$4. Beauties are very scarce and always in good demand, \$3 and \$4 per dozen is asked for the best. Carnations are quite plentiful but not enough to cause any noticeable glut. There are more whites than any others, \$1 to \$1.50 for common, with fancies at \$2. Select stock of this flower is always in demand. Violets have become scarce and are in great demand just now. Small single and Californias are the only ones in. No doubles to be had. Good valley holds its own at \$4 and \$5. Our commission

men, Kuehn and Berning, report good shipping trade with plenty of stock to handle all the orders that come in just now. Chrysanthemum plants at the different stores and at the Union market are in better condition and selling well. The past week we saw some very fine plants that sold from 25 cents to \$1 each.

Show Notes.

As the time for the show approaches chrysanthemums are looking fine and the prospects for our show next week are very flattering. The public seems to take a great interest this year and society is again looking forward to another week of pleasure. The preparations for the show are complete and all the committees are hustling. The indications are that this year's show will excel all others. The list of special prizes is usually large and entries are coming in by every mail from all directions and most of them have entries in all classes. The manager will have everything in good shape and the exhibitors can bring their plants to the hall on Monday morning by 10 a. m. The exhibitor must remember that all rules will be strictly enforced this year, and especially rules 2 and 8. It will be well for every exhibitor to read rules 2 and 8 well and be on time. All indications point to a successful show.

S. S. Skidelsky was in town last week introducing the new carnation Ethel Croker, a fine pink. Mr. S. reports sales good.

The Coliseum was very nicely decorated last week during the horse show by the Shuerman Floral Co.

Bowling.

The rolling on Monday night by the members of the Florists' Bowling Club was very poor. Only seven members were present. Mr. Will Adles, of the juniors, was a visitor and played the last two games with us. The scores were as follows:

	1.	2.	3.	4.	Tot. Av.
C. A. Kuehn	145	169	170	133	617 154
C. C. Sanders	131	131	166	139	567 142
J. J. Beneke	128	145	152	120	555 139
J. W. Kunz	175	98	113	162	548 137
E. J. Fillmore	140	87	132	136	495 124
E. C. Weber	116	114	128	133	491 123
F. H. Weber	111	121	111	122	465 116
Will Adles	111	111	135	98	455 116

A. J. B.

PHILADELPHIA.

The Market.

The retail stores report no perceptible change in business over last week, with the supply equaling the demand. They all report the outlook very promising for a good winter.

Beauties, \$1 to \$4 per doz.; Brides and Maids, \$1 to \$4; Kaiserins, \$2 to \$4; Meteors, \$1 to \$5; Gontiers, \$2; Perles, \$1 to \$3, extra \$4; carnations, \$1 to \$1.50 per 100. Chrysanthemums, fancies, bring \$2 per doz., while ordinary ones go at 50 cents to \$1 per doz.; valley, \$3 to \$4; violets, single, 20 to 25 cents, doubles 25 to 50 cents;

mignonette, \$2 to \$3; smilax, 15 cents; asparagus, 35 to 50 cents; adiantums, 75 cents to \$1.

Various Notes.

Mr. Wm. Warren Crawford, son of Robert Crawford, Jr., was married to Miss Marie Elizabeth Park on Wednesday evening, November 1st. Mr. Crawford and his bride will make their home with his parents. As William is the oldest son his father naturally looks upon him as being his principal assistant.

The H. A. Dreer Co. are enlarging their office and packing room at River-ton, their present quarters being too small for their increasing business.

There promises to be some keen competition at the coming chrysanthemum show to be held in this city. The entry list at present shows that great interest is being taken, although the weather has not been as favorable as it might have been. We have had considerable heavy, foggy weather to contend with, which always affects the blooms more or less, and in some cases they damp off entirely. R.

NEW YORK.

The New York Florists' Club will meet at their room, Twenty-seventh street and Broadway, Monday evening, November 13th. Nomination of officers for the ensuing year will take place at this meeting. On account of the convention there is expected to be a lively fight for offices this year. It is hoped the best men will win, for much will be expected of them.

The Bowling Club will meet in the afternoon.

Business is fast becoming better. The National Horse Show is on for next week, and though it is not what it used to be from a floricultural point of view, still violet growers are keeping a strong and ill-smelling reserve for it.

We are informed that cypripediums are to be 12½ cents this season. The growers have combined to keep it so. It's a good price and we hope they can get it.

Cleary's auction of Japanese dwarfed trees on Wednesday and Thursday of last week was a great success; 250 plants were sold and \$4,000 was realized on the sale. All of the plants brought enormous prices, \$700 being paid by Mr. Pope for a Retinospora obtusa nana 5 feet high; \$20 to \$40 were paid for—well, never mind. All the growers around here are going into this line of business; if you've any old stumps in your nurseries twist their necks and advertise them.

Bowling.

The third series and deciding games between the Flatbush and New York teams took place at Siegel's alleys, Sands and Washington streets, Brooklyn, Saturday evening, November 4. It was a very exciting contest. Flatbush

won the first, but fell to pieces in the second. Following are the scores:

NEW YORK			
	1.	2.	3.
A. Burns	128	139	115
P. O'Mara	134	137	157
F. Traendly	101	129	168
T. Rochrs	99	126	142
T. Lang	151	154	106
C. Schenck	—	151	144
Totals	613	996	832

FLATBUSH			
	1.	2.	3.
P. Riley	151	117	116
A. Zeller	122	105	131
L. Schmutz	127	104	86
J. Raynor	151	117	115
E. Baillodonne	141	118	110
D. Mellis	—	124	157
Totals	696	671	745

This entitles the New Yorks to the championship of these parts. They expect to tackle the Philadelphians before the days get longer. There was quite a large gathering to witness the struggle and what between black cats and fancy rolling hilarity fizzed all the time. Mr. John Weir's twists occasioned uproarious applause. It would not be fair not to record these scores because the boys worked hard enough to get them. The alleys and the marker got blamed for all the low figures. "Keep your eye on the board; never look at the pins," that's what experts tell us.

BLACK CATS		WHITE ONES.	
W. Schbrocht	158 137	A. Shaw	123 114
W. Marshall	133 128	A. Laughton	81 81
A. L. Mon	104 108	J. Periman	126 102
W. Stewart	104 110	J. Weir	61 92
J. Donlan	118 141	S. Butterfield	147 110
T. Lang	157	L. Schmutz	112
C. Schenck	137	T. Rochrs	133
F. Traendly	126	P. O'Mara	128
A. Burns	135		

J. I. DONLAN

BUFFALO.

The Pan-American is progressing. Except the portion of the park to be used for the big fair it is all surrounded with a 9-foot board fence finished off with barbed wire, and an immense enclosure it now seems. Two rows of Carolina poplar and two rows of golden barked willow are planted in a continuous belt near the fence. So when the fair opens the visitor will see no unsightly fence but the whole outline will be a pleasing bank of foliage. Excavation for the lagoons and canal is almost complete, and the Administration building will be complete in ninety days.

The propagating houses are complete and this winter will be in the care of Mr. George McClure. The management is fortunate in having a man of ability and energy to start the floricultural department, for since he has ceased entirely and forever the agreeable but enervating function which necessitates the old saying of "Here's to ye," he has proved what we always knew he was, one of the best gardeners that ever crossed the herring pond, and possesses the inestimable blessing

of knowing that there is much to learn every day. Of all unfortunate creatures out of jail the most to be pitied is the man who learned it all when he was 30 and needs to learn no more.

What with politics and flowers, Kastings' commission house is a busy place now; from 7:30 till 10 a. m. a visit there is very enjoyable and you are not so liable as in summer to meet the talkative woman. We used to run against her, figuratively speaking, in summer mornings of June.

O gentle dame, of more or less uncertain age, why will you talk so much? A man who chatters incessantly about his own doings is a dreadful nuisance, but it's far worse in a woman, young or old. You can cut it short with a man and turn on your heel, or if you are larger than he is suggest pointedly that he dry up, or shut up, but when the fountain is enveloped in pericosts you must smile and suffer. Oh girley, matron, or dear grandma, why will you do it? You have a lovely sphere in life and the admiration of the rougher sex is dear to you at all ages, but the very thing to drive it away is this everlasting chin. You may smirk and grimace and lessen the visible diameter of your optics one-half, but it's of no avail if you keep emitting sentences of hot air. It neither attracts nor pleases or fascinates. It bores and repulses. But bad to endure as is the talkative woman in business or acquaintance, fancy the suffering wretch of a husband who has to sit silent and hear his wife entertain their friends.

Mr. Shakespeare, of Stratford-on-the-Avon said "the shallows murmur while the deeps be dumb," and doubtless it is largely true of human nature. But there are great exceptions, for some men are so blessed with intellect and resulting knowledge and with it an exuberance of spirit that they can be always saying something bright, whether in the family circle, the barber's chair or on the platform. Sweet, cute little remarks from your wife or somebody else's wife, are much appreciated, but the continuous clatter of commonplace talk from a woman is only good for one purpose, it makes us realize that although poor we have much to be thankful for. Had we to drag out the miserable existence that some men are doomed to pass, we should fly the state and look for a situation as janitor at a deaf mute female academy. W. S.

CHICAGO.

The Market.

The market is improving. Demand is good and there is enough to go around at ruling rates. In a word, the market is in a very satisfactory condition. Quality of stock is improving, though some of the roses seemed to have had a touch of mildew, and life

is quite cheerful for both grower and wholesaler.

High grade mums move quickly at good figures. The poorer grades go more slowly but very much better than last year and the mum growers returns ought to average better.

Some exhibition blooms are to be seen at the wholesalers' now. Anling is receiving some grand blooms, especially from Gunnar Teilman, Marion, Ind., who made three entries and took three first prizes at the show. Kennicott Bros. Co. are this year handling W. N. Rudd's flowers, which are always of exhibition grade. J. A. Bullong is receiving immense quantities of fancy grade mums and the place resembles an exhibition every morning. Poehlmann Bros. are cutting their usual large crop, and the average of quality is excellent.

Club Meeting.

At the meeting of the Florists' Club last Friday evening the new officers were duly installed. The committee on banquet reported arrangements all made for the banquet to take place this Thursday evening at the Sherman House. Mr. Oechlein, 1684 W. Madison street, and John A. Grossman, Lincoln and Winnemac avenues, were elected to membership.

Mr. E. F. Winterson, on behalf of the club members and others, presented to retiring president Sanders a fine gold headed cane inscribed: "Presented to Edgar Sanders by his florist friends." Mr. Sanders responded with a speech of acceptance that showed how thoroughly he appreciated the remembrance.

The committee on entertainment for the ensuing year was appointed as follows: E. F. Winterson, chairman; F. F. Benthey, Edgar Sanders.

An interesting feature of the meeting was a display of Washington grown bulbs sent by Mr. A. Simon for the members to examine. Both the hyacinths and tulips were exceptionally fine bulbs and were warmly commended by all. The hyacinths were grown by Mr. C. F. Canfield, of Fairhaven, Wash., and the tulips by Mr. Geo. Gibbs, Orcas, Wash. These bulbs are now being planted at Lincoln Park and their flowering in the spring will be looked forward to with much interest.

Various Items.

A meeting of the Executive Committee of the Park and Outdoor Art Association was held at the Auditorium Annex last Saturday. Among those present were President C. M. Loring, Minneapolis; Secretary Warren H. Manning, Boston; F. L. Olmstead, Jr., Brookline, Mass.; R. H. Warder, Cincinnati. The next annual meeting of the association will be held in this city next June.

An explosion in a flour mill next door to the seed warehouse of S. F. Leonard on West Lake street, Nov. 1, destroyed not only the mill but caused

Mr. Leonard's building to entirely collapse, resulting in the complete destruction of its contents, fire soon starting in the ruins and water finishing what was left by the fire. Fortunately no one in Mr. Leonard's store was injured but several of the mill employees were killed. Mr. Leonard's loss is estimated at \$100,000, upon which there is an insurance of about \$75,000. Mr. Leonard carried a very large stock of onion sets. New quarters have been secured by Mr. Leonard and he announces that he will soon be filling orders with usual promptness.

Bowling.

A stiff match game was played at Anson's alleys last night between the Milwaukee and Chicago teams, with about 60 spectators present. Chicago won the three games. Following are the scores:

CHICAGO			
Geo. Stollery	152	137	144
F. Stollery	182	163	154
P. J. Hauswirth	103	171	101
Jno. Degan	146	175	167
A. Henderson	144	147	157
C. Balluff	114	102	103
Geo. Asmus	153	190	196
E. F. Winterson	146	161	160
	1,141	1,209	1,175
Total			3,565
MILWAUKEE			
C. C. Bollworth	135	152	146
W. Edlerson	149	153	178
W. A. Kennedy	115	110	114
C. Sylvester	141	126	128
N. Zweifel	131	127	118
A. Klokner	139	146	122
H. Holton	108	138	128
H. Hunke	123	161	162
	1,091	1,111	1,103
Total			3,328

After the games the visitors were entertained at a banquet in Anson's restaurant, which was much enjoyed.

Following are the scores and averages made at the alleys last Friday evening:

AV.					
A. Henderson	130	153	150	166	154
E. F. Winterson	126	124	170	171	148
Jno. Degan	150	144	148	147	147
C. Balluff	126	135	130	170	140
Jas. Hartsborne	127				132
W. Kreitling	147	120			137
A. Le. Vaughan	119				119
C. Schweigert	111				111

A Dinner.

Last Tuesday evening a vase of O. P. Bassett's American Beauties was placed in the center of a large round table at the Chicago Athletic Club and a little later ten or a dozen of Mr. Bassett's friends, including the judges at the exhibition, were seated around the table to discuss the Beauties and various other items not so exclusively floricultural. The dinner fully sustained Mr. Bassett's reputation as a liberal and hearty entertainer, and he is never so happy as when he can gather a number of kindred spirits around his table. There was a learned and very entertaining discussion on the problem of how to grow Beauties without water and experiments were made with various liquids, which proved eminently satisfactory. Mr. Bassett now has his monogram placed on one of them.

Visitors.

The Chrysanthemum Show brought quite a number of visitors to the city, among whom we noted: Jno. F. Cowell, Buffalo, N. Y.; A. Herrington, Madison, N. J.; Wm. Weber, Oakland, Md.; J. A. Evans, Richmond, Ind.; J. R. Fotheringham, Tarrytown, N. Y.; A. Wiegand, John Hartje, and H. W. Riemann, Indianapolis; A. Klokner, Milwaukee; E. H. Giesy, Lockland, O.; H. Heller and Otto Bourdy, New Castle, Ind.; F. Lemon and Harry May, Richmond, Ind.; Henry Smith, Grand Rapids, Mich.; H. Balsley, Detroit; A. Dimmock, Ladysmith; A. C. Brown, Springfield, Ill.

KOKOMO, IND.

The members of the State Florists' Association had an invitation to visit W. W. Coles, Kokomo, Ind., Thursday, October 26th. Seven of the Indianapolis members, and as many more from other cities, availed themselves of the opportunity for a good day's outing, and arrived at Kokomo about 10 a. m., where Mr. Coles was in waiting to receive them. After handshaking Mr. Coles said the first thing on the programme would be a ride around the town. We were then invited to get into a lemon colored "Dewey" express, drawn by a spanking team of Kokomo bays, owned by Mr. Coles, and after a few turns around the corners it was hard to tell whether we were in an express wagon or aboard the Olympia.

After visiting the principal points of interest we were driven to Mr. Coles' place. There we were first shown the remainder of the Kokomo bays, then the Scotch Collie dogs, light Brahma and Langshan chickens, all of which Mr. Coles said had pedigrees galore. After explaining the full workings of his modern barn and chicken house we were taken to the greenhouses, where we found Beauties, Kaiserins, carnations, palms, etc., in abundance. Everything was in apple pie order. All plants looked vigorous and well kept, and in all, there was a very encouraging outlook for bountiful returns. Much time was spent in going through the different houses, and many compliments paid Mr. Coles, and it was generally conceded that if he had had any longer stemmed Beauties and Kaiserins than he showed he would have said so.

On reaching the office we were brought face to face with a problem that was easily solved. While we did not know the particular brand that was placed before us everyone was willing to risk Coles' judgment and no questions were asked. Kokomo soft drinks were also provided for those who might have stomach trouble, and a nice lunch was served, and several minutes was spent in enjoying yourself. We were then invited to the lower end of his broad acres to see his

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BY PROF. B. T. GALLOWAY,

Chief, Division of Vegetable Physiology and Pathology, U. S. Department of Agriculture, Washington, D. C.

This work is thoroughly practical and discusses fully: Varieties and their Origin; Localities where the Crop is likely to Prove Profitable; Requirements for Success; Construction of Houses and Frames; Heating Houses and Frames; Soils and their Preparation; Manures and Fertilizers; Propagation, Selection, Planting, Watering, Cleaning and Feeding; Picking, Bunching and Marketing; Diseases and their Treatment; Insect Enemies and Methods of Combating them; Cost of Producing the Crop, Profits, etc.

Superbly illustrated with upward of 60 plates, plans, diagrams, etc., including Working Drawings of Model Violet Houses; Plans for Complete Heating Systems; Photographs Showing Methods of Handling Soil, Preparing the Beds, Bunching the Flowers, Packing for Shipment, etc. Numerous illustrations showing the character of the more important diseases are also given.

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PANSIES... WORTH RAISING

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 \$4.00 per 1000. Seed as usual.

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Just arrived, in fine condition, *Cattleya Mendellii* and *Laella Jongheana*, also *C. labiata*, *C. Speciosissima*, *C. Gaskelliana* and *C. Harris-onia*.

CHERRY WOOD BASKETS, FRESH MOSS AND PEAT.

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NEW GERANIUM—De Roo Mitting, yellow foliage, double pure scarlet bloom, \$1.20 per dozen, \$10.00 per 100.

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NEW YELLOW BABY PRIMROSE— We have the only stock in the United States, \$1.20 per doz., \$10.00 per 100.

PRIMROSES—to close out—Chinese and Obconica, from flats, \$1.00 per 100, \$8.00 per 1000; from 2½-in. pots, ready for 4-in. pots, \$1.50 per 100, \$12.00 per 1000; Obconica, from 3½-in. pots, \$1.00 per 100, \$25.00 per 1000, 10 per cent. discount on 5000 lots and over.

Also, **FORGET-ME-NOT, COLEUS, BEGONIAS, PETUNIAS, VELYET PLANT, FEYERFEW, etc.,** 2½-in. pots, \$2.00 per 100, \$15.00 per 1000

One year old **ROSES**—Mixed, per 100, \$4.00

PANSY PLANTS—All sizes, write for prices.

HARDY GRASS PINKS per 100, \$3.00.

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PLANTS NOW AND UNTIL MARCH:

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Zirngiebel Giant Pansy.

Seed is \$1.00 for trade pkt., or \$5.00 per oz.

Also plants of the above at the same rate as common varieties, \$5.00 per 1,000, securely packed to go any distance. Large transplanted plants, for winter bloom, at \$2.00 per 100.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

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STAINS ON PALMS.

Please tell me how to remove the traces of bordeaux mixture from palms.

I have some palms that were affected with "rust," and I applied the mixture a couple of times during the summer and stopped the rust, but now I can't get the bloom in' stuff off. Syringing won't do, and even washing each leaf won't take it clean off. When the plants dry it shows nearly as bad as ever. I think the cure is as bad as the disease.

Florida.

B. J. D.

The stains from bordeaux mixture are not easily removed from the foliage of plants in general, but it is probable that a solution of ammonia in water would help to remove it from the palm leaves.

The ordinary household ammonia is not a very strong solution, averaging possibly one part of ammonia to 500 parts of water, but it would be advisable to dilute this still more before applying to the leaves with a sponge, for too much ammonia may injure the leaves.

W. H. TAPLIN.

CRIPPLE CREEK, COLO.

CRIPPLE CREEK, COLO.—Mrs. C. H. Holmes, florist here, has bought out the Cripple Creek Floral Co., whose greenhouses were burnt about the 10th of September, and is rebuilding two as additions to her place on West Golden avenue. When they are completed she will have about 4,000 square feet of glass. Not very much compared with some other places, but Cripple Creek is a mining camp but eight years old, and over 9,000 feet above the sea level.

Have had cold nights for over a month; one night the thermometer fell to 14 degrees above zero. Fine sunny days, but very cold nights. Trade fair and flowers scarce, especially carnations.

J. M. B.

SOCIETY OF AMERICAN FLORISTS.

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Donald Carmichael, Wellesley, Mass., registers carnation Eleanor Ames, a cross between Wm. Scott and Daybreak. Tidal Wave color, Scott habit, but stronger and taller growth. Carnation May Whitney, a cross between Daybreak and Edith Foster. Color white, Tidal Wave habit.

WM. J. STEWART, Secretary.

LAST CALL for advs, for our Thanksgiving Number to be issued next week.

MARION, O.—F. E. Blake is expanding his business and has opened an uptown store as an additional sales-place.

YOU will surely want a copy of Mr. Scott's great reference book, The Florists' Manual. It is now ready for delivery. Price \$5.00.

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Aphis Punk
IT BURNS.**

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10 varieties named Begonias	1.50
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Bridesmaids, 3-in. stock	\$5.00 per 100
Meteors, 2 $\frac{1}{2}$ -in. pots	4.00 "
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Violets in 2 $\frac{1}{2}$ -in. pots	3.00 "
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Field Grown Carnations, now ready, all the leading varieties, \$5.00 a 100, \$10.00 a 1,000.	
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1,000 Rosa Rubiginosa, 4 to 5 feet, per 100	\$5.00
1,000 " " " 2 to 3 " "	3.00
1,000 " " " 1 to 2 " "	2.00
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We have still a good supply of strong, field-grown plants of this the best of all single varieties, and to close out we offer strong clumps:
 \$1.25 per doz.; \$10.00 per 100; \$90.00 per 1000.



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ALSO

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 Ferns, 30 new and choice sorts, 4-in. pots, 100, 10.00
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 Nephrolepis Washingtoniensis, the finest new Fern this year, 4-in. pots doz., 3.00
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 Ferns, from flats, nice little plants for small pots, 10 sorts, 100 free by mail 1.25
 Careful packing. Cash with order. Plants gratis.

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Abrogate—In case you cannot fill order, telegraph at once.
Anticipate—Answer at once, stating whether you can or cannot fill order.
Ambition—If you can only partially fill order, do so, and reply, stating what.
Admiral—Order must be sent on train mentioned only.
Ambulance—Want all of order filled or none, and prompt answer back.
Adjacent—If cannot send on train mentioned, next one will do.
Alfable—Send prepaid by baggage master, if no express messenger on train.
Decorate—If cannot send all on train mentioned, send all you can, and send balance on next train.
Admission—This order is a substitute for my regular order.
Dancing—If cannot fill order exactly as specified, you may substitute according to your best judgment.
Ancestor—This order is an addition to my regular order.
Durable—Colored flowers must not be substituted for white.
Affection—Fill if possible, even at extra expense.
Fabricate—Flowers ordered are to be re-shipped to a distance, therefore buds must be cut specially close.
Fortunate—Select extra stock and charge accordingly.
Devotion—For cheap work, and can use second-class flowers, if at reduced price.
Flattery—If price has advanced since last quotation, do not send goods, but telegraph.
Forgery—This order countermands all previous orders.
Formation—Add these items to the order which you already have, but in case first order is already shipped, cancel this addition.
Flamingo—We are in a bad pinch; send us something to help us out, even if of poor quality.
Flocking—Have sent mail order; if not yet received, send following at once, and cancel mail order when received.
Foraging—This order includes all items previously ordered and wanted for this date.
Superior—Can use something especially fine, and am willing to pay accordingly.
Skip—If you are out, buy the best you can; we accept risk of getting "pickled" stock.
Corporal—If cannot send on night train, morning train will do.

THE CODE BELOW WILL BE USED
IN ANSWERING YOU, WHEN
NECESSARY.

- Elope**—Cannot fill your order to-day. Stock is scarce. Have tried to buy at other houses for you.
Lecture—Our store was closed yesterday when your telegram came. Received it this morning. Will ship by first train to-day, unless countermanded at once.
Willing—Cannot ship on train mentioned. Will send on next train possible to-day.
Eclipse—Will send part of your order. Balance scarce. Cannot get it at any price to-day.
Artistic—Cannot fill order to-day, if you want order filled (same order) to-morrow, wire us at once.
Favorite—Stock very poor, none better to be had. Will ship unless countermanded by..... o'clock.
Fundament—Stock named in this telegram has been sent, and balance, unless countermanded by telegram, will be sent on.....

KEEP THE DEALERS POSTED.

Keep the dealer from whom you order flowers fully posted as to the sort of stock for which you have the largest sale. Write him as fully as possible when you have time to devote to the matter. Keep him fully advised as to the needs of your trade. He will then know much better how to fill your telegraphic orders. He will know whether to send you the best in the market at the top price or to send you a fair grade at a more moderate price. The dealer is anxious to please you but often his information is meagre. Make this information as full as possible by mail and your telegraphic orders will be filled more to your satisfaction.

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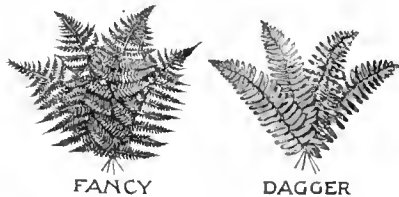
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WE WOULD LIKE very much to have a complete and accurate list of the names and addresses of the florists of America and to this end will ask each subscriber to kindly send us an accurate list of those in the trade in his or her city or town. By complying with this request you will confer a great favor on the publishers.

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20 " " " " 2.00
15 " " " " 1.50
10 " " " " 1.00
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KAISERIN..... " 4.00 to 6.00
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The introduction of the Mrs. Thomas W. Lawson carnation is an event of some little importance to the trade. That it is one of the most remarkable new varieties ever produced, all the experts agree, and the attempt of other carnation growers to buy the stock from the originator resulted in giving a flood of publicity to its merits through the medium of the daily press.

Probably the name of no other carnation is now so generally known throughout the length and breadth of the land, and there are few florists that have not had inquiries from their customers for the flowers. Everyone in the trade knows that it is a very large pink flower, practically perfect in form, stem, calyx, etc. The vase of blooms shown at the Philadelphia meeting of the American Carnation Society was truly superb.

The originator of this variety is Mr. Peter Fisher, Ellis, Mass., and the variety was named for the wife of one of the wealthy men of Boston, who has taken a loving interest in the welfare of the superb carnation with which his name is identified.

STATE INSPECTION.

Having had trouble over shipments of plants sent to states which had scale laws in force, the Morris Floral Co., Morris, Ill., arranged with the State Entomologist to inspect their stock of plants, and they now have a printed certificate of inspection which they attach to each box containing plants.

They had to pay the expenses of the inspector on his trip to their place and for the printing of the certificates, but in their case the whole cost did not exceed \$10.00, and they consider the amount well expended in view of the immunity from vexatious delay in connection with shipments of plants that often occur where the certificate of inspection is not used.

S. A. Forbes, State Entomologist, Urbana, Ill., is the proper official for Illinois shippers to apply to for inspection.

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LOUISVILLE, KY.—The Kentucky Tobacco Product Co. has purchased the business of the Louisville Spirit Cured Tobacco Co., makers of the Rose Leaf extract of tobacco. The officers of the old company will occupy similar positions in the management of the new one, and the general scope of the business of the old company will be greatly widened.

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VIOLETS, VALLEY, ROSES.

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Sprengeri, 3-inch, extra strong, \$6.00 per 100.
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Plumosus, 2-in., fine, \$5.00 per 100.
Geo. L. Miller, Newark, O.

AZALEAS.

Azalea Indica in the best market varieties, 10 to 12 inches in diameter, \$35.00 per 100; 12-inch diameter and up, \$40.00 per 100. Rhododendrons, extra fine for forcing, small plants, \$35.00 per 100; large plants, \$60.00 per 100. Snowballs for forcing, \$35.00 per 100. Lilaes, Charles X and Marie Legraye, \$45.00 per 100. Prices on all other plants cheerfully given.
F. W. O. Schmitz, Jersey City, N. J.

Azalea Indica, just arrived, 9-11, per doz., \$3.50; per 100, \$25.00. 10-12, per doz., \$4.00; per 100, \$30.00. 12-14, per doz., \$5.00; per 100, \$40.00. Large plants, \$1.00, \$1.50 and \$2.50 each.
Bobbink & Atkins, Rutherford, N. J.

Just received in excellent condition a large consignment of the best forcing varieties, 10 to 12-inch crowns, \$35.00 per 100; 12 to 14-inch, \$45.00 per 100; 14 to 16-inch, \$55.00 per 100.
Storrs & Harrison Co., Painesville, O.

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Globe de Lorraine, the grandest novelty of the day and one of the best selling plants for florists ever offered. Blooms continuously, autumn, winter and spring. Fine strong plants from 3 1/2-in. pots, per doz., \$4.75; per 100, \$35.00. Flowering plants, from 2 1/2-in. pots, per doz., \$2.35; per 100, \$17.50. R. & J. Farquhar & Co., 16 So. Market St., Boston, Mass.

5000 Begonia Rex, Assorted, 2 1/4-inch, \$4.00 per 100; Named, \$6.00 per 100. Rooted cuttings: Rex, \$2.00 per 100; Incarnata gigantea and other flowering sorts, \$2.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Choice varieties, named, 2 1/4-in., \$2.00 per 100; \$15.00 per 1000. Morris Floral Co., Morris, Ill.

Begonia Rex, per 100, 5-in. pans, \$10.00.
N. Smith & Son, Adrian, Mich.

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W. H. Murphey, Minooka, Ill.

Alba picta, 2-inch, \$1.50 per 100.
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25 Jerusalem cherries, 10c.
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Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$8.00 per 100.
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Lily of the Valley, highest grade. All 3 years old. From cold storage—for present delivery, \$12.00 per 1000 pips; case of 2500, \$28.50. Hamburg pips, best grade, \$9.75 per 1000 pips; case of 2500, \$23.50. Berlin pips, best adapted for early forcing, \$10.75 per 1000 pips; case of 2500, \$25.75. D. Landreth & Sons, 1001 Market St., Philadelphia, Pa.

Narcissus Paper White grandiflora, extra, \$6.75 per 100. Dutch Hyacinths, first size to name, \$65.00 per 1000; first size, color, \$40.00 per 1000. Miniature Dutch Hyacinths, to name, \$20.00 per 1000. Narcissus Von Slon, mammoth, \$16.00 per 1000. Prices on all other bulbs cheerfully given.
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We have a surplus of Hyacinths for bedding, also second size named. Callas, second size, Longiflorum and Harrisii, good, firm bulbs 9-11 and cold storage Lily of the Valley. Write for cut prices. W. W. Rawson & Co., 12 and 13 Faneuil Hall Sq., Boston, Mass.

Gladiolus, white and light. Forcing mixture, \$1.50 per 100, and \$12.00 per 1000. (Same, assorted, all colors, 1st size bulbs, \$1.00 per 100, and \$7.00 per 1000; 2d size, \$4.50 per 1000.) Cash with order, please.
Wm. A. Finger, Hicksville, N. Y.

Freesia alba, 3/4-inch diameter and up, \$3.00 per 1000; 1/2-inch and up, \$5.00 per 1000. Small bulbs. I guarantee all to bloom as I have tried them. C. Ammann, 7th Ave. & 120th St., New York City.

Hyacinths, unnamed, separate colors, \$40.00 per 1000. Japan Longiflorum, 6 to 8-in., \$4.50 per 100; \$40.00 per 1000; 7 to 9-in., \$7.00 per 100; \$65.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Chinese Sacred Lilies, splendid large bulbs, \$4.00 per basket of 100. Finest Lily of the Valley pips, send for quotations. J. M. Thompson & Co., 26 Cortlandt St., New York.

Lil. longiflorum, 5-7, 100, \$2.50; 6-8, 100, \$4.00; 7-9, 100, \$6.50; 9-10, 100, \$11.00. Auratum, Rubrum, Album, etc. Send for list. H. H. Berger & Co., 47 Barclay St., New York.

Excelsior Pearl Tuberosa Bulbs and Caladium Esculentum Bulbs for Dec. and Jan. delivery. J. F. Croom & Bro., Magnolia, N. C.

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Home grown Tenuifolium lily bulbs, \$7.00 per 100.
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100,000 choice mixed gladiolus, \$1.50 to \$5.00 per 1000. L. H. Read, Grand Rapids, Wis.

Dutch Bulbs in any quantity.

Bobbink & Atkins, Rutherford, N. J.

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Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100.
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Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00. Florists' Pub. Co., Chicago.

CANNAS.

20,000 named cannas, best. Send list of wants.
Benj. Connell, West Grove, Pa.

Flamingo, \$5.50 per 100.
Roney Bros., West Grove, Pa.

Choice mixed, single eyes, \$1.00 per 100.
W. H. Murphey, Minooka, Ill.

CARNATIONS.

Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

After chrysanthemums are thrown out many florists plant carnations. We have a few thousand plants heeled in in cold frames suitable for this purpose. They are first class plants. Butter Cup, Dana, Crimson Sport, Eldorado, Mrs. Fisher, Scott, Pingree, Armazindy, Daybreak, Jubilee, Meteor, Sweet Brier, Cap. King and Albertini at \$4.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

The grand new pink carnation, The Marquis, has received five first-class certificates and is without doubt the finest pink carnation ever introduced. Its color, form, fragrance, stem and habit are ideal. Strong rooted cuttings, March to April, 1900, \$10.00 per 100; \$75.00 per 1000.
L. E. Marquisee, Syracuse, N. Y.

Support your Carnations with the Model Extension Carnation Support, now regarded as the standard support, and by far the best yet offered. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

Carnation plants all sold except 2000 Daybreak, 400 Meteors and 300 Triumph, which I will sell for \$4.00 per 100, or \$30.00 per 1000, cash. These are all first size plants and clean.
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Scott, Helen Keller, Kohinoor, Tidal Wave, Sweet Brier, Storm King, Outcast, Victor, Daybreak and Meteor, \$4.00 per 100. The above are good No. 1 plants; good shape, no culls.
Evensen Bros., Williamsport, Pa.

Surplus of field-grown carnations all under shelter, in a cool house, ready for shipping. Maceo, Glacier, \$10.00 per 100. Duhme, Daybreak, Victor, Arkyie, Evanston, Pingree, Mary Wood, Armazindy, \$5.00 per 100.
F. Dornier & Sons Co., Lafayette, Ind.

Thrifty field carnations with plenty of roots. Send for prices. All the new and leading varieties.
Geo. Hancock & Son, Grand Haven, Mich.

Fine field-grown plants. Hector, large scarlet, Evellna, very free white, \$6.00 per 100; \$50.00 per 1000. 500 at 1000 rate.
H. Weber & Sons, Oakland, Md.

A few thousand fine, large field-grown plants of Scott, Eldorado and McCowan, \$3.00 per 100; \$25.00 per 1000. 5000 plants for \$100.00.
Edw. J. Taylor, Southport, Conn.

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5000 carnations left, in fine shape. Scott, Portia, McGowan, 3c or \$25.00 per 1000. No culls, speak quick. Benj. Connell, West Grove, Pa.

3500 Lily Dean, 2500 Flora Hill, 500 Jubilee, large plants, \$5.00 per 100. John A. Shellem, 17th and Tasker Sts., Philadelphia, Pa.

Field grown. All the leading varieties, \$5.00 per 100; \$40.00 per 1,000. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

Scott, Portia, Eldorado, \$4.00 per 100. Flora Hill, \$3.00 and \$5.00 per 100.
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Best new and standard varieties. Write for catalogue and prices.
W. P. Peacock, Atco, N. J.

750 McGowan's, good, \$2.00 per 100. Orders book now for carnation rooted cuttings.
Ron-V Bros., West Grove, Pa.

Strong, well rooted cuttings of Mrs. Fisher, \$1.25 per 100; \$10.00 per 1000. Cash.
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CHRYSANTHEMUMS.

Stock plants, best, earliest varieties: Marlon Henderson, yellow; Merry Monarch, white; Glory of Pacific, pink; Mrs. H. Robinson, white, all at \$1.00 per dozen. Lady Fitzwygram, white, \$2.00 per dozen. Cash with order.
H. C. Hansen, Ramsey's, N. J.

Stock plants from bench. Bergmann, Ivory, Pacific, Fitzwygram, Vivand-Morel, Bassett, Robinson, Jones, Bonafon, Wedding, etc., 5c each, packed light. Order early.
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Fine, bushy plants in bud and bloom, of leading varieties, 6-in. pots, \$30.00 per 100; 5-in., \$20.00 per 100. Cut blooms, \$5, \$6, \$8 and \$10 per 100.
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Stock plants, ready now. Gasteller, Bergmann, Pacific, Merry Monarch, and Yellow Monarch, 5 cents each. Cash with order.
A. A. Whitbred, Altoona, Pa.

Chrysanthemum stock plants, the best earliest, Lady Fitzwygram, Glory of Pacific and H. Robinson, 50c per doz.
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All the leading standard sorts and novelties. List on application.
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Benary's, Cannel's and Sutton's strains, 2 1/2-inch pots, \$2.00 per 100. Shellroad Greenhouse Co., Grange, Md.

Hyb. max. grand., from flats, \$1.75 per 100.
Paul Mader, E. Stroudsburg, Pa.

COLEUS.

20 new ones. Doctors Nelson, Anderson, Erickson, Peterson, Stevenson, Osmanson, Emerson, Olson, Johnson, Matterson, Carlson, Wilson, Thomson, Davidson, Sverson, Williamson, Jackson and Knutson, all in 2 1/2-in. pots. The 20 Doctors for \$1.00; \$1.00 per 100. Also 20 of the best standard bedders, named, 2 1/2-in., \$1.50 per 100; \$10.00 per 1000.
H. Stevenson, Morris, Ill.

South Park Beauty, the best yellow, per 100, 70c.
E. I. Rawlings, Quakertown, Pa.

Coleus, rooted cuttings, 50c per 100.
F. R. Thornton, Macomb, Ill.

20 named varieties, 2 1/2-in., \$1.50 per 100.
W. H. Murphy, Minooka, Ill.

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Continental Specialties and Novelties. Lists free.
H. Henkel, Darmstadt, Germany

CROTONS.

12 finest sorts, color fine, 4-in., \$1.00 per doz.
John H. Ley, Good Hope, D. C.

CUT BLOOMS.

Carnations, \$1.50 to \$2.00 per 100. Violets, double and single, 50c to 75c per 100. Chrysanthemums, \$5, \$6, \$8 and \$10 per 100.
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Cyclamen, select, 3-inch, \$12.00 per 100; 4-inch, \$15.00 per 100; 5-inch, \$25.00; extra select, 5-in., ready for 6-inch, \$4.00 per dozen; 6-inch, \$6.00 per dozen; 7-inch, specimens, \$12.00 per dozen.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Cyclamen persicum giganteum, splendid stock of plants, assorted colors, in 3-inch pots, ready for 4-inch, \$7.00 per 100; \$65.00 per 1,000. Emerson C. McFadden, formerly Pitcher & Manda, Short Hills, N. J.

1000 Cyclamen in 6 and 7-inch pots, as fine as the best, just right for Christmas, \$6 and \$9 per doz. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen, fine plants, fine strain, mixed colors, 4-inch, ready for a shift, \$10.00 per 100. Cash. W. G. Richardson, Bennington, Vt.

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Dahlias by the tens of thousands. Get my catalogue before ordering elsewhere.
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Snowball and Longfellow, 50c per 100; \$3.00 per 1000.
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All grown in pots, well shaped, feathered to the ground, full of buds. Melanthera, 6-inch pots, 18-in. high, \$8.00 per doz. Persolula alba and P. rosea, \$9.00 per doz. Cavendishii and Cupressiana, \$1.25 to \$3.00 each. Ventricosa magnifica, rare, 7-inch pots, \$2.50 each. Now is the time to buy.
Louis Dupuy, Whitestone, N. Y.

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	Pot.	Doz.	100.
Cyrtomium Falcatum,	3-in.	\$1.00	\$ 8.00
"	4-in.	2.00
"	5-in.	3.00
"	6-in.	5.00
Blechnum Orientale,	2-in.	.50	4.00
Lomaria Gibba,	4-in.	1.50	12.00
Pteris Serrulata,	2-in.	.50	4.00
Pteris Argyrea,	2-in.	.50	4.00
Pteris Tremula,	2-in.	.50	4.00
Pteris Umbrosa,	6-in.	3.00	20.00
Nephrolepis Exaltata,	4-in.	1.50	12.00
"	5-in.	2.00	....
Nephrolepis Pectinata,	4-in.	1.50	12.00
Nephrolepis Philippensis,	4-in.	1.50	12.00
"	5-in.	2.00
Nephrolepis Bostoniensis,	4-in.	2.00
"	5-in.	3.00
"	6-in.	5.00

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Ferns, 30 new and choice sorts, 4-in., \$10.00 per 100; 10 new and choice sorts, 2-in., \$4.00 per 100. Nephrolepis Washingtoniensis, 4-in., \$3.00 per doz. Selaginella Africana, 3-in., 50c per doz. Adiantum hybridum, new, 8-in., \$1.00 each. Ferns from flats, nice little plants for small pots, 10 sorts, 100 free by mail, \$1.25. Adiantum cuneatum, extra large, 4-in., \$10.00 per 100. Careful packing. Cash with order.
John H. Ley, Good Hope, D. C.

Fern Spores. Complete assortment, 50c per trade pkt., \$5.00 per doz. pkts., all different. Mixed Spores, extra large pkt., sufficient for 3,000 plants, \$1.00 postpaid. Complete directions for growing with every order. Write for wholesale price list of our specialties. Emerson C. McFadden, formerly Pitcher & Manda, Short Hills, N. J.

Boston Ferns, extra large plants in 5 and 6-in. pots, ready for 8 and 9-in., only 50c each. Just what you want for your Christmas trade, or if kept for spring sales will make you a handsome profit. Try them, you won't be disappointed. Cash with order.
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Boston Ferns, N. Exaltata Bostonlensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rate.
Wm. A. Bock, No. Cambridge, Mass.

The Boston Fern. A specialty. Specimen plants, cut from bench, for 7, 8 and 10 in. pots, at \$50, \$75 and \$100 per 100. Cash or ref.
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Adiantum cuneatum, select stock, \$6.00 per 100; \$55.00 per 1000. Ready for shipment at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

Adiantum cuneatum, fine plants, 2 1/2-inch, \$4.00 per 100; 3 1/2-inch, \$3.00; 4-inch, \$10.00; large plants, 4-inch pots, \$12.50 per 100.
Edw. J. Taylor, Southport, Conn.

Small ferns in choice assortment, out of 2 and 2 1/2-inch pots, \$4.00 per 100. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Boston Ferns, from bench, per 100, \$5.00 to \$15.00. Selaginella Emiliania, 3-in., fine, 5c per doz.
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Ferns. Fine assortment. 2 1/2-in., \$3.00; 3-in., \$6.00 per 100. John Bader, Troy Hill, Allegheny, Pa.

Boston ferns for sale cheap to make room, 5c to \$1.00 each. Cash with order.
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Selaginella Denticulata (Moss Fern), 2-in., strong, per 100, \$2.50.
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Boston Ferns. Genuine stock, \$5.00 per 100; \$40.00 per 1000. Not less than 250 at 1000 rate.
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Winter flowering, 2 1/2-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Winter blooming, 2 1/2-in., \$2.00 per 100.
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Fuchsias, in variety, in 2 1/2-inch pots. Our selection, \$3.00 per 100. Cash with order.
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Gardenia Florida, from 3-inch pots, 8-10 inches, branched, \$10.00 per 100.
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GENISTAS.

3-in., \$9.00; 4-in., \$15.00 per 100.
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GERANIUMS.

Sweet Scented, Mrs. Pollock, Pansy, 2 1/2-inch, \$4.00 per 100. Mrs. Parker, 2 1/2-inch, \$6.00 per 100; Happy Thought, Silver Leaf, 2 1/2-in., \$4.00 per 100. Rooted cuttings: Assorted, \$1.50 per 100; mixed, \$1.25; Mrs. Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Silver Leaf, Rose scented, Ivy, \$1.50; Mrs. Parker, Freak of Nature, \$4.00; Mme. Sallerol, \$1.25. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Geranium Novelties for 1900. The finest collection in America. A set of selected Double Bedders, Single Bedders, Fancy Doubles, Mammoth Fancy Singles and Ivy Leaved varieties. A full line of 1899 introductions in all the above sections, also a full line of selected standard bedders.

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New geraniums, De Roo Mitting, yellow foliage, double, pure scarlet bloom and Double Snowdrop, the best double white bedder to date, \$1.20 per doz.; \$10.00 per 100.
Morris Floral Co., Morris, Ill.

Apple scented geraniums. I have a large stock of this fine, fragrant geranium. Strong, healthy plants, 5 cts. each; \$4.00 per 100.
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Mixed, good assortment, not labeled, from 2-in. pots, \$2.00 per 100.
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60 varieties of geraniums, all mixed, for retail trade, 2 1/2-in., \$1.50 per 100.
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Mixed, 2 1/2-in., \$1.50 per 100.
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Iris Kaempferi, named varieties, \$5.00 per 100; \$49.00 per 1000. Deutzia gracilis, fine forcing stock, 12 to 15 inches high, \$4.00 per 100; 15 to 18 inches high, \$6.00 per 100. Berberis Thunbergii, strong transplanted stock, 15 to 18 inches, \$3.00 per 100, 18 to 24 inches, \$1.00 per 100.
Storrs & Harrison Co., Painesville, O.

Ampelopsis Vetchii, field grown, heavy, \$50 per 1000. Clematis paniculata, field grown, \$70 per 1000. Shrubs, a general assortment, \$80 to \$50 per 1000. California privet, 2 to 3 ft., \$30 per 1000. Box, dwarf, \$25 to \$30 per 1000.
Elizabeth Nursery Co., Elizabeth, N. J.

Blota Aurea Nana, a perfect gem, fine, shapely plants, hardy north, 10 to 12 inches high, \$10.00 per 100; \$80.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

Ampelopsis Vetchii, extra fine stock, \$50.00 per 1000. Large stock of other vines. Low prices on quantity. Clematis paniculata and flammula, Bignonia radicans, honeysuckles, etc. David G. Yates & Co., Mount Airy Nurseries, Philadelphia, Pa.

Eglantina, the true fragrant sweet briar, Rosa Rubiginosa, 4-5 ft., \$5.00; 2-3 ft., \$3.00; 1-2 ft., \$2.00 per 100. Berberis Thunbergii, \$3.00 to \$7.00 per 100.
T. K. Watson, Plymouth, Mass.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

Deutzia Gracilis, strong, bushy plants for forcing, \$6.00 per 100. Samuel C. Moon, Morrisville, Pa. Send for price list of hardy shrubs and trees.

Hollyhocks, Chater's, white, pink, red, bluish, yellow. Aug. 1st sown, \$1.00 per 100; \$7.00 per 1000.
Byer Bros., Chambersburg, Pa.

Deutzia gracilis, extra heavy plants, \$10.00 per 100. Rudbeckia Golden Glow, \$2.00 per 100. Cash. John Reimels, Woodhaven, N. Y.

F. & F. Nurseries, Springfield, New Jersey. Wholesale growers. Trees and Plants in full assortment. Trade catalogue free.

Spiraea, A. Waterer, per 100, 3-year, \$12.00; 2-year, \$8.00; 1-year, \$5.00. The Conard & Jones Co., West Grove, Pa.

Rhododendrons for forcing, 50c each; \$5.00 per doz. Well budded plants.
Bobblink & Atkins, Rutherford, N. J.

Hardy herbaceous plants only in any quantity for the least money.
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Hardy Grass Pinks, \$3.00 per 100.
Morris Floral Co., Morris, Ill.

Hardy Grass Pinks, comp., \$2.00 per 100.
W. H. Murphy, Mineoka, Ill.

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Heliotrope, rooted cuttings, the best 75c per 100.
F. R. Thornton, Macomb, Ill.

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For the want of room to store, we offer the following hydrangeas in good, shapely, field-grown plants, suitable for 6-in. pots, at special low prices: Otaksa, 3 to 4 leads, Otaksa monstrosa, 3 to 4 leads, and Thomas Hogg, 4 to 6 leads, at \$2.00 per doz.; \$15.00 per 100, \$125.00 per 1000.
H. A. Dreer, 714 Chestnut St., Phila.

Otaksa, red branched, Thos. Hogg. With 4 or more crowns, \$10.00 per 100; \$90.00 per 1000. With 2 or 3 crowns, \$7.00 per 100; \$60.00 per 1000. Extra good value, satisfaction guaranteed. Jackson & Perkins Co., Newark, N. Y.

Hortensis and Ramis Pictis, strong field-grown, suitable for 6 or 7-inch pots, \$12.00 per 100; stronger plants, \$20.00 per 100.
Storrs & Harrison Co., Painesville, O.

H. Otaksa, 6 to 10 crowns, \$10.00 per 100. Cash. John Reimels, Woodhaven, N. Y.

IPOMŒA.

Ipomœa pandurata, day blooming Moon-flower, in any amount. State number wanted and write for prices.
James Frost, Greenville, Darke Co., Ohio.

IVY.

Ivies. From 4 to 8 runners, \$9.00 per 100. Cash. L. Hoebel, Fort Lee, N. J.

MANETTIA.

Manettia bicolor, 3-inch, \$6.00 per 100; rooted cuttings, \$2.00. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

MUSHROOM SPAWN.

Best English Milltrack, just arrived, \$7.00 per 100 lbs. In 500 lb. lots at \$6.50 per 100.
Johnson & Stokes, 219 Market St., Phila., Pa.

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Orchids have for very many years been a specialty with the undersigned, and the collection is steadily augmented by fresh importations from the collectors of the firm. It is not easy, without seeing it, to form an adequate conception of the stock. Extent is simply immense. Quality fine. Prices moderate. HUGH LOW & CO., BUSH HILL PARK NURSERY, ENFIELD, ENGLAND.

We beg to announce to the trade that we have our own collectors in the tropics shipping us Cattleya Trianae, Mendellii, gigas and aurea and Odontoglossum crispum (Pacho type) and will be pleased to book your orders, spring of 1900 delivery. We also have the finest collection of Laello-Cattleya hybrids-unique types. Catalogue may be had on application. Arnold & Co., Orchidists, 222 St. Marks Sq., Phila.

Just arrived in fine condition, Cattleya Mendellii and Laelia Joncheana; also C. lablata, C. speciosissima, C. Gaskelliana and C. Harrisoniae. Cherry wood baskets, moss and peat. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel.
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Measurements from top of pot to top of tallest leaf.

	Pot H't.	Char.	Per	Per
	in.	in.	ivs.	Each Doz.
Latania Borbonica,	2			\$ 1.50
"	3			1.50
"	5	16-20	5-8	\$.50 6.00
"	6	18-22	6-7	.75 9.00
"	7	20-24	6-8	1.00 12.00
"	8	23-30	7-8	2.00 24.00
"	3	28-34	7-8	2.50 30.00
"	9	30-36	8-9	3.00 36.00
Cocos Weddellana,	3	14-18	4-6	.25 2.00
Kentia Belmoreana,	3	5-7	3-4	.25 2.00
"	3	8-10	4-5	.30 3.00
"	5	18-20	5-6	.75 7.20
"	5	18-22	6-7	1.00 12.00
"	6	20-25	6-7	1.50 18.00
"	7	24-38	6-7	2.50 30.00
"	10			8.00
Kentia Forsteriana,	5	20-24	4-6	.75 7.20
"	5	25-25	4-6	1.00 12.00
"	6	26-30	6-8	1.50 18.00
"	7	36-40	6-6	2.50 30.00
"	10			8.00
Ficus Elastica,	4	12-14		.25 3.00
"	5	16-18		.50 5.00
"	6			1.00 12.00

	Pot H't.	Char.	Per	Per
	in.	in.	ivs.	Each Doz.
Araucaria Excelsa,	3	6-8	2-3	\$ 5.00
"	4	10-12	2-3	10.00
"	5	18-20	3-4	1.25 16.00
"	7	26-38	6-7	2.50 30.00
Dracaena terminalis, 4-inch pots, fine plants, \$3.00 per doz. Dracaena fragrans, fine plants, per doz., 4-inch, \$3.00, 5-inch, \$5.00; 6-inch, \$9.00.				
Peperomia Argylea, per doz., 2-inch, 75 cts; 3-inch, \$1.50; 4-inch, fine plants, \$2.00.				
Geo. Wittbold, 1708 N. Halsted St., Chicago.				

	Pot H't.	Char.	Per	Per
	in.	in.	ivs.	1000, 1000.
Latania Borbonica,	4	12-15	2-3	\$15.00 \$125
"	4	15-18	2-3	20.00 150
"	5	18-20	4-5	25.00
Phoenix Canariensis,	4	15-18	4-5	15.00
Seatorthia Elegans,	4	18-20	2	20.00
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THE Florists' Manual is now ready for delivery.

SPRINGFIELD, ILL.—A. Claus has sold his greenhouses and removed to California. His successor is H. H. Hensley, of St. Louis.

A GOOD REPORT.

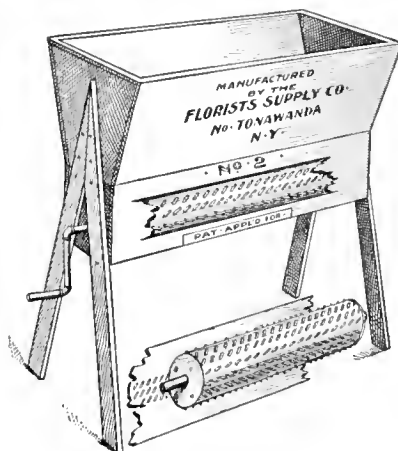
An eastern rose grower reports that his sales of cut roses have been exceptionally good, his returns for the month of October exceeding those for the same month last year by over \$1,000, and the cut was from precisely the same number of plants. This is certainly an encouraging report and indicates that prosperity has reached the grower at last, at least in some cases. May it soon be universal.

THE Florists' Manual contains 260 articles by Mr. Wm. Scott on important trade subjects and they are illustrated by 224 handsome engravings from photographs.

OMRO, WIS.—The fifth annual chrysanthemum show of the Omro Hort. Society will be held Nov. 22 to 24.

LOUISVILLE, KY.—Nanz & Neuner had a chrysanthemum show and floral exhibition at their store Nov. 7 to 11.

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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago.

334 Dearborn Street.

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herd of Jerseys, among which was a gentleman cow that was three feet by eight feet, and nothing but the bluest of blood run through his veins. On our return voyage we were shown a very luxuriant growth of Canadian thistles, which Mr. Coles said he showed for variety only. Now we come to the turnip patch; after a brief and convincing talk by Mr. Coles as to why his turnips were better than others we were invited to partake sumptuously of the watery vegetables. This all hands did, and the scheme worked so well that Mr. Coles could not withhold his hilarity, and it was soon whispered around that it was a shrewd move to fill the crowd up on turnips and avoid the complete annihilation of his Brahmias. At this, everyone said the turnips tasted bitter anyway, and at once went into training to offset the desired effect. How well this was done can be better told by Mrs. Coles, who had prepared a most elaborate dinner.

All were seated at once and for more than an hour there was a joyous florists' feast, after which cigars were passed and many kind wishes extended to the hostess.

As some had to take early trains home, the "Dewey" was again brought out. After a safe landing at the depot of those who took early trains the remainder retired to a bowling alley where two hours was spent in bowling, and some new records made. Mr. Coles made the highest score of any, but the visiting florists wanted him to do this as they did not think it would look well, being his guests, to beat him in his own town. We won't mention the low man. Now comes the time to separate, and a vote of thanks was given Mr. Coles, and everyone returned home feeling that if more florists had attended they could have

again entered on their labors with a lighter heart.

Among those present were the following: Stuart & Haugh, Anderson, Ind.; Harry Lemon, of E. G. Hill & Co., Richmond, Ind.; Ed Bissell, Marion, Ind.; Mr. Tinker, Peru, Ind.; Myer Heller, of South Park Floral Co., Newcastle, Ind.; Henry Rieman, John Hartje, John Heidenreich, Ernst Huckreide, E. A. Nelson, R. A. McKeand, J. T. Huntington, of Indianapolis. J. T. HUNTINGTON.

HALIFAX, N. S.

Ed. Florists' Review: Noting your reference to Montreal outdoor flowers picked October 16th, we wish to show what we "dwellers by the sea" can do at this season of the year. In the lot herewith we send Kaiserin and Papa Gontiers, Cactus dahlias, carnations, sweet peas, heliotrope, cannas, ageratum and zinnias. We could also send marigolds, hollyhocks, verbenas, nasturtiums, stocks, petunias, phloxes, etc., but presume they are still in evidence with you. J. H. HARRIS.

Oct. 30.

DENVER, COLO.

The game on the 31st ult. brought out a large attendance and a few of the bowlers were in good form, as the following scores will show:

	1st.	2nd.	3d.	Av.
Chas. Muff	181	233	167	194
J. N. Jakobsen	180	175	170	175
Chas. Franz	174	185	153	171
John Berry	149	135	210	162
A. M. Lewis	153	137	169	153
John Ferris	197	142	112	150
Bobt. Kurth	152	161	139	148
Geo. Brenkert	159	181	163	148
Chas. J. Thiess	136	149	153	148
J. A. Valentine	142	142	142	142
P. O. Galup	112	163	144	140
Ernest Flohr	116	126	162	133
W. A. Doyle	144	103	152	133
Lyle Waterbury	134	112	133	126
Geo. Zimmer	125	117	125	122
N. A. Benson	94	103	108	102

J. B.

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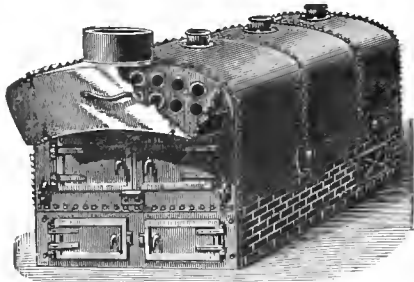
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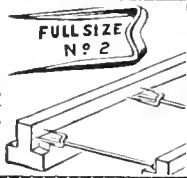
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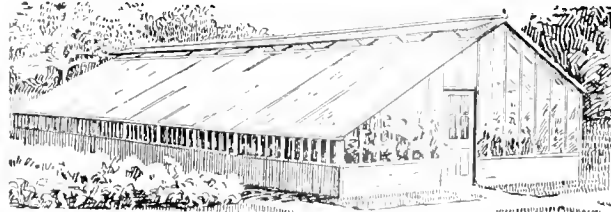
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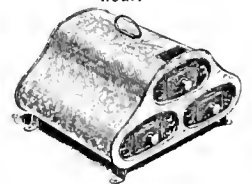
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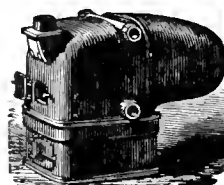
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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. IV.

CHICAGO AND NEW YORK, NOVEMBER 16, 1899.

No. 103.

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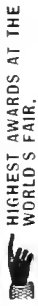
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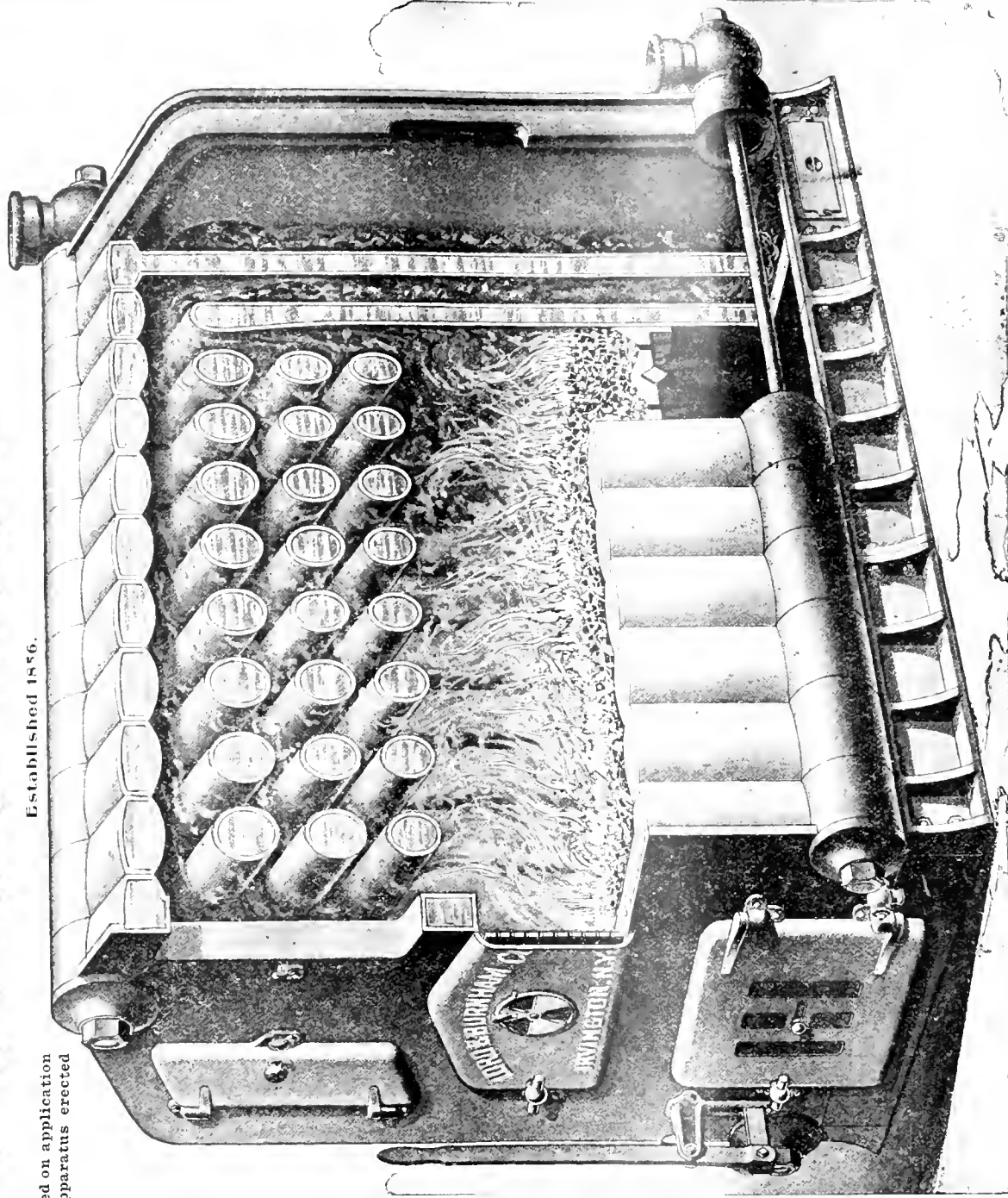
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THE EXHIBITIONS.

PHILADELPHIA.

The annual chrysanthemum exhibition of the Pennsylvania Horticultural Society opened in Horticultural Hall on Tuesday evening, November 7, and closed on Saturday evening, November 11. This exhibition marks a new era in Quaker City floricultural shows. The chrysanthemum is the chief, not the overshadowing, feature of the display. Both growers and flower lovers are devoting more attention to other plants, even at the height of the chrysanthemum's reign.

This change is of great value to horticulture. It means that no matter what visitors' tastes may be, some really fine exhibit will be found to interest them; not crowded into a corner by the gorgeous Queen of Autumn, but in a prominent position worthy of the skill and care required for their cultivation.

Horticultural Hall was looking more like an elegant mansion decked for a ball than a public hall ready for a flower show, when the doors were opened on Tuesday evening. The whole place was in exquisite order, neat and clean, the floors freshly oiled and just enough plants to ornament without overcrowding the main hall.

The foot of the stairway was banked with groups of evergreens. At the top of the first flight of stairs was a magnificent specimen Boston fern, flanked on each side by vases of long-stemmed cut chrysanthemums standing on the steps of the two side flights and reaching to the top.

The main hall was devoted to the foliage and flowering plants, arranged as though planted in beds in a garden, with curving paths. The center was occupied by the Dewey arch and the rustic bower for the musicians, the stage being filled with seats for visitors. The Dewey arch was appropriately formed of large plants of *Acalypha Sanderi*; in front was an effective display of orchids arranged on a mirror, with other orchids suspended above them; at the rear umbrella stands filled with specimen blooms of "Philadelphia," "Pennsylvania" and "Mrs. Thomas Potter, Jr."

the whole finished with foliage plants, forming a beautiful picture.

The chrysanthemums in pots were around these two central groups, and with the foliage plants bordered the entire hall. A table of rare orchids was in front of the stage. Two great specimen Boston ferns, two groups of geraniums, a pond of exquisite water-lilies in bloom, and some vases of *Tritoma uvaria grandiflora* were also here. The approaches to the supper room were devoted to the cut blooms of chrysanthemums in vases, while the room itself was filled with beautiful collections of ferns, foliage and flowering plants. Down stairs were the fruit, vegetables, roses, carnations and violets.

The chrysanthemums in pots were exceedingly well grown; hardly an ordinary looking plant was to be seen; probably the favorable weather during the summer made the work less difficult than usual. There was one large fan-shaped plant. The majority of the plants were in large pots. There were no standards.

The cut blooms of chrysanthemums made a fine display. The Pompon varieties were well represented. A most curious and interesting exhibit was a table of flowers cut from plants imported from Japan in March. They were, naturally, Japanese types of all sizes and shades.

The feature of the flowering plant class were the cyclamens. They were a revelation, marvelously well grown and flowered. *Begonia Gloire de Lorraine* was well worthy of note, also the aquatics. The orchid class was very fine, containing one or two novelties.

Acalypha Sanderi can not be strictly described as a blooming plant. In the large sizes shown in the arch it is invaluable to the decorator and should prove a great co-laborer with poinsettia and holly in Christmas decorations.

Among the ferns *Nephrolepis exaltata Bostoniensis* stood out facile princeps. The specimens shown were alone well worth going to see. These were in pans or urns supported by pedestals, the tips of the bottom fronds touching the floor, the whole mass of green from five to seven feet in height. Nothing like them has ever been seen here. A number of the older varieties were extremely well grown.

In foliage the variegated forms added greatly to the effect of the display. The crotons, variegated pineapples and caladiums were particularly well grown.

The roses were of fairly good quality considering the mild, damp weather. Liberty, both from West Hoboken and Sharon Hill, was shown in good form. This rose, perfect in color, vigorous and free blooming, is lacking only in fragrance. Beauty was excellent, the prize winning six being shown with the top shoots unpinched. This is pretty where the flower is half blown but does not add when it is fully open. Bride, Bridesmaids, Kaiserin and Meteor completed this class.

The carnations were chiefly debutantes. Pinks and pink and whites, Ethel Crocker, Miss Genevieve Lord and 666, were most prominent.

The pears were the chief attraction of the good fruit display.

The collections of vegetables were the largest and most comprehensive ever shown here. There were a number of varieties little known.

The weather was most favorable, the attendance good and the interest shown by all most encouraging. Whether these annual shows prove financially successful or not, they do a world of good to horticulture, and not only in showing the improvements made year by year but in bringing together annually men who might not otherwise have an opportunity for exchanging ideas.

The exhibits were in remarkably good condition on the closing day. Secretary Rust and the committee deserve great credit for their management.

J. WELSH YOUNG.

The Awards.

In the chrysanthemum plant classes the winners of first prizes were John McCleary, gardener to Wm. Weightman, Germantown; G. W. Brown, gardener to Robert N. Carson, Chestnut Hill; Wm. Fowler, gardener to Mrs. Chas. Wheeler, Bryn Mawr; Gordon Smirl, gardener to Jas. F. Sinnott, Rosemont; Wm. H. Carey, gardener to Allen B. Rorke, Ardmore; and Joseph Hurley, gardener to Jas. M. Rhodes, Ardmore.

In the classes for chrysanthemum cut blooms first prizes were taken by Rob't

G. Carey, gardener to T. C. Price, Chestnut Hill; Chas. Zimmer, West Collingswood, N. J.; John N. May, Summit, N. J.; John Mitchell, Pennsylvania Hospital; Frank Gould, gardener to J. T. Morris, Chestnut Hill; Wm. Kleinheinz, gardener to P. A. B. Widener, Ogontz; Wm. Robertson, gardener to John W. Pepper, Jenkintown; John McCleary; Edward A. Stroud, Overbrook; Hugh Graham; Francis Canning; Martin McTigue, gardener St. Joseph's Convent.

In the decorative plant classes first premiums were awarded to John McCleary, John Thatcher, Thomas Long, gardener to Geo. W. Childs, Drexel, Bryn Mawr; Francis Canning, John A. Shellem, Joseph Hurley, Chas. Robertson.

In the rose classes firsts were taken by Myers & Samtman and Joseph Heacock. In the carnation classes Robert Craig & Son won the prize for best pink carnation not yet disseminated, with Ethel Crocker. And the Craig silver cup for best American seedling not yet disseminated went to H. Weber & Sons, Oakland, Md., for Miss Genevieve Lord.

Special premiums awarded were to H. A. Dreer, for collection of aquatics and foliage plants; Hugh Graham, Philadelphia, for effective display of finely grown *Acalypha Sanderii* and foliage plants; John Thatcher, gardener to Edward Le Boutillier, Wynnewood, for specimen plant of *Cycas circinalis*; Edwin Lonsdale, Chestnut Hill, for finely grown plants of *begonia Gloire de Lorraine*; Jos. Hurley, gardener to James M. Rhodes, Ardmore, for collection of caladiums and ferns; John Thatcher, for display of ornamental foliage plants.

Certificates of merit were awarded to Henry A. Dreer, for new anemone, "Queen Charlotte;" to John Thatcher, for finely grown *Alocasia Sanderii*; to Lehnig & Winnefeld, Hackensack, for collection of cyclamen.

Honorable mention was given to John Thatcher, for specimen plant of *Statice Halfordii*; to L. Salingre, gardener to Louis Burk, Olney, for group of foliage plants; to H. A. Dreer for collection of tuberous rooted begonias.

A silver medal was awarded to H. T. Clinkaberry for his superb display of orchids.

Other special awards were: For chrysanthemums—To Alburger's East Park Nursery for collection of standards and plants grown in pairs; to Joseph McGregor, gardener to Mrs. Thomas A. Scott, Darby, for two groups single stem plants; to W. Fowler, gardener to Mrs. Charles Wheeler, Bryn Mawr, for large well grown plant of white; to J. H. Jones, gardener to Mrs. Matthew Baird, Germantown, for fan shaped plant of yellow; to John Kuhn, Philadelphia, for yellow seedling of Chinese type, and to John Cullen, gardener to Percival Roberts, Jr., Pencoyd, for collection of cut blooms.

Certificates of merit were awarded

to John Cullen, for collection of Japanese native cut blooms of chrysanthemums, and to John Mitchell, gardener to Pennsylvania Hospital, for collection of cut blooms of American bred.

Certificates of merit to Bailedonze Brothers, Flatbush, L. I., for the seedling carnation, "No. 666," and to Robert Craig & Son, for the new pink carnation, "Ethel Crocker."

Special mention was given John Kuhn, Philadelphia, for his two new carnations; Mrs. Lippincott and John Habermehl.

PROVIDENCE, R. I.

The annual exhibition of chrysanthemums by the Rhode Island Horticultural Society was held November 9th and 10th with a fairly good attendance. The interest, however, in chrysanthemums seems to be dying out in this vicinity, and while those who visit the exhibition express great delight at the wonderful creations, the public in general seems to pay but little heed to the exhibitions.

Farquhar Macrae was the only exhibitor in all classes, and no finer blooms are anywhere exhibited than those exhibited by him. This exhibit filled a long table the length of the hall, competing for the prizes offered for six vases, 10 blooms each, in different classes; while cut blooms filling 50 bottles were on an adjoining table with other classes by the same exhibitor.

The exhibit of carnations attracted great attention as it is seldom so fine a show is exhibited, filling a table the length of the hall. The Homogansett Greenhouses, John A. Macrae, Nathan D. Pierce and Farquhar Macrae exhibited a great variety of blooms of all shades.

Charles S. Cooper, of Brockton, Mass., exhibited the Crawford Pink, and a sport from the same, and was awarded a certificate of merit. John McFarland, of North Easton, and Thomas E. Thrasher, of Avon, Mass., exhibited single and double violets which received honorable mention.

In the front of the hall there was a large collection of ferns, palms and chrysanthemums arranged by Wm. Hill, gardener to Mrs. Sheppard, while at the rear Alfred Powell, gardener for Col. Wm. Goddard had a like exhibit.

This society combines a fruit exhibit with flowers and a long table was filled with luscious fruit.

The principal awards were as follows:

For vase of 30 blooms chrysanthemums, Farquhar Macrae was the only exhibitor and took first prize, \$10.00, being entitled to the same by virtue of excellence in culture and foliage as well as by the premium list. The same exhibitor was awarded first premium as follows:

Fifty bottles chrysanthemums, 12 blooms incurved, 6 blooms incurved, single bloom, white; single bloom,

pink; single bloom, yellow; single bloom, any variety, and 6 vases, 10 blooms each.

Wm. Goddard, Alfred Powell, gardener, took second premium in single blooms, white, pink, yellow, and any variety.

Among Farquhar Macrae's collections was noticed the old favorite Mrs. Jerome Jones, which has lost none of its charms in the hands of a skillful grower, while among the more recent varieties were Autumn Glory, Peter Kay, Mrs. Frank L. Parkes and Western King.

The attendance in the two evenings was good, while during the day our friends from out of town visited the exhibition in considerable numbers.

One lesson we draw from the exhibition is that the growers of chrysanthemums in this vicinity are afraid of "Mack" and therefore will not come in competition with him, feeling sure that our "King of Chrysanthemum Growers" will take all the prizes.

In the groups of chrysanthemums, palms and ferns, Wm. Hill took first premium, and Alfred Powell, gardener to Wm. Goddard, second.

The principal carnation exhibitors were Homogansett Greenhouses, John A. Macrae, N. D. Pierce and Farquhar Macrae. Homogansett Greenhouses took four firsts and two seconds; John A. Macrae, two firsts and four seconds; N. D. Pierce, one first and one second; F. Macrae, first premium on seedlings. Mr. Pierce exhibited some finely grown cyclamen and took first premium.

John A. Macrae exhibited a fine sport from Eldorado.

F. Macrae exhibited several specimens of the new *begonia Gloire de Lorraine*.

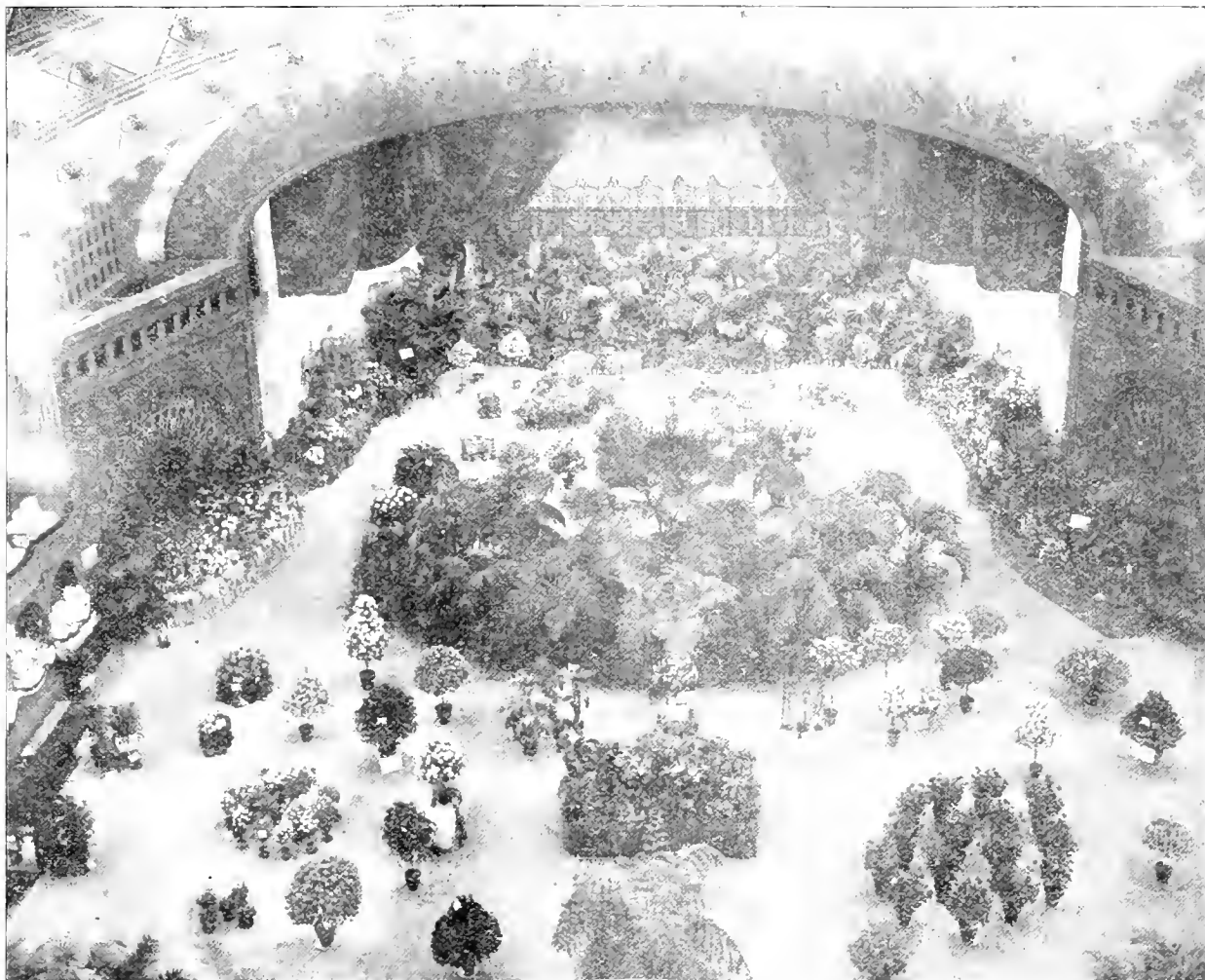
Certificates of merit were awarded to Charles S. Cooper, Brockton, Mass., for the Crawford Pink, and for a sport of the same, and to N. D. Pierce of Norwood for his seedling carnation *Bean Ideal*.

The weather was fine and the exhibition about paid expenses, something that like exhibitions have failed to do for a number of years. Visitors were present from Worcester, Boston, Brockton, North Easton, Avon and other parts of Massachusetts and from Cleveland, Ohio. C. W. SMITH.

VIEW OF CHICAGO SHOW.

We present in this issue an engraving from a very much better photograph of the Chicago show than that used last week. This shows the display in the theater proper, though the photograph being taken from a very high elevation, it gives much undue prominence to the uncovered floor space.

In the foreground at the right is seen the magnificent pot geraniums shown by the Mt. Greenwood Cemetery Association. In the central foreground is seen the *Cichotium regale* shown by John Reardon, gardener for



Another View of the Chicago Show.

M. A. Ryerson. Just back of it is a table of choice stove plants. In the left foreground are seen some of Vaughan's specimen chrysanthemum plants and his circular group of Anemone flowered mums. In the center of the floor is the superb group of decorative plants shown by John Algots, gardener for Mrs. George M. Pullman.

To the right of this group is the non-competitive display of E. Wienhoeber, and back of that is a similar display by George Witthold. To the left of the central group is seen the non-competitive display of Charles A. Samuelson, while beyond that appears the display made by the Anderson Floral Company. The immense group of palms extending clear across the back of the stage was from George Witthold, and the chrysanthemum plants in front of it were mainly from the Mt. Greenwood Cemetery Association.

One very interesting fact about the photograph from which this engraving was made is that it was taken

while crowds of people were passing around examining the exhibits. It was a time exposure, without any flashlight to assist, and the reason the people do not show in the picture is that they did not stand still long enough in one place to "take" or to interfere seriously with the photographing of the plants.

The vases of cut blooms were displayed in the large foyer, and the table decorations, etc., were on the broad promenade space at the back of the parquet circle. Here also was Mr. Viblein's splendid display of orchids in bloom. And groups of decorative and flowering plants were placed in effective positions in the foyer, on the stairs, leading to the main promenade, and elsewhere. Certainly the great Auditorium was never so magnificently decorated before.

CHICAGO.

For the first time since the reign of Rameses II fair weather prevailed during the whole of the Chicago show.

There must be something wrong somewhere. It don't seem natural not to have torrents of cold rain, cutting sleet, melting snows and sloppy streets, blizzards or hurricanes, or something equally pleasant and cheerful in flower show week.

The attendance was good, but far short of what it ought to have been considering the ideal weather, the placing of the display in such attractive (and expensive) surroundings, the way in which "society" had been interested, and all the various drawing cards that had been provided.

Nothing but praise was heard regarding the exhibits, and in addition to the plants and cut blooms the display of table decorations and floral arrangements was in itself an exhibition, the competition being decidedly sharp.

The floral decorations seem to appeal most forcibly to the people. They examine the big chrysanthemum blooms with interest, they give more than a passing glance to the specimen plants, the curiosities they inspect minutely, the decorative plants are

passed as though they were a mere accessory, but when they reach the decorated tables, the bridal bouquets, etc., they pause, study and admire. In this last class must also be included the non-competitive displays arranged for effect.

The increasing use of orchid flowers in these arrangements is worthy of note. They entered largely into the table decorations this year. The decorations of these tables are changed daily and there are really four distinct competitions, extending from Wednesday to Saturday, the prizes being awarded according to the number of points scored during the four days. But the prizes are generous: 1st, \$125.00; 2d, \$90.00; 3d, \$60.00; 4th, \$40.00. And the awards for the day are reported so every one has a chance to be first for one day even if he misses it the rest, and though he may not come in for a prize. The judging is done by a large committee of ladies and is in the main very good, though occasionally some queer results are noted. This year what appealed to the writer as the most artistic decoration in the whole series was placed fifth for the day by the judges. This was a small rustic log filled with lily of the valley and white orchids in the center of the table and four smaller logs similarly filled and placed on the table at proper distances from the center. The effect was singularly beautiful and everyone except the judges thought it was by far the best table for the day. It was by Mr. C. A. Samuelson. But in many of the com-

petitions the decisions must have been very difficult.

The final awards were as follows: 1st, A. Lange; 2d, C. A. Samuelson; 3d, Anderson Floral Co.; 4th, John Mangel.

We shall not attempt to give the awards day by day, but will mention a few of the tables that seem worthy of special note and not mentioned last week.

A rose center piece by Samuelson, a low mound of Kaiserins, many partly developed buds (some quite green) being interspersed with excellent effect, the flowers and buds all radiating outward, the stems longer and longer as they came nearer the table until the effect was completed by very long stemmed flowers laid upon the cloth, stems of sufficiently varying length being used so that grace was preserved. It was very pleasing.

A carnation center piece by Lange in which the flowers were freely interspersed with carnation foliage and partly developed buds, no other foliage being used.

By Anderson Floral Co., a center mound of cattleyas and a pair of the same flowers laid at intervals on a frond of *Adiantum Farleyense* upon the cloth.

By C. A. Samuelson, a center of *Dendrobium Phalaenopsis* very gracefully arranged with four small plaques of the same flowers and a few sprays laid on the cloth.

By John Mangel, a center of cattleyas and *Dendrobium Phalaenopsis* over *Asparagus Sprengeri*, and loose

sprays of cattleyas reaching out on the cloth.

By W. L. Rock, Kansas City, a center of *Dendrobium formosum* in *Adiantum gracillimum*. Also a center of *Cypripedium insigne* in *adiantum*.

An interesting table was one that was classed last for the day, and from which the exhibitor had removed his name. It was mainly foliage, which included leaves of crotons, sansevieras, peperomias, *nephrolepis*, *Asparagus plumosus*, etc. The only flowers used were a very few orchids and a few sprays of bouvardia. It was odd and pretty in a way, but the effect was rather heavy and sombre.

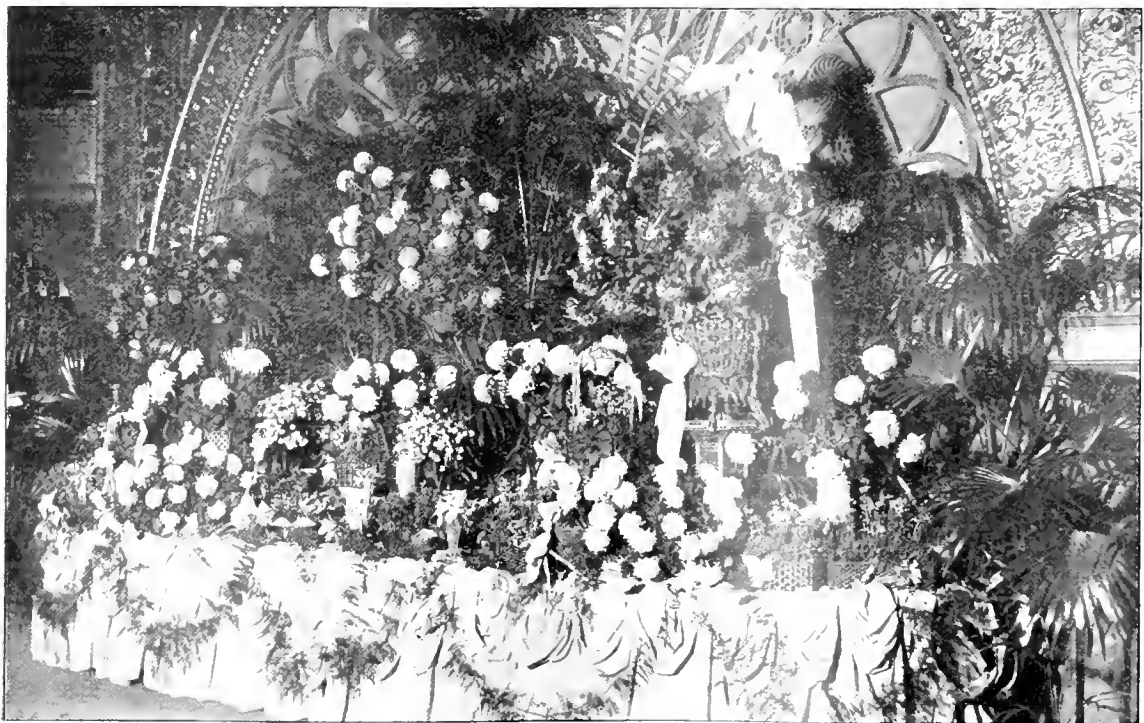
O. J. Friedman exhibited decorated buffet tables, not for competition, and some of them were very handsome, orchids being quite freely used.

The vases of roses and chrysanthemums were all pretty and well arranged but presented no new features.

W. L. Rock, Kansas City, was first for vase of roses arranged for effect; A. Lange for vase of chrysanthemums arranged for effect and for bridal bouquet.

Carnations.

The competition in the carnation classes on Thursday was much sharper than in roses the day before. Bassett & Washburn won firsts for 50 blooms *Flora Hill*, 50 any other white, 50 *Jubilee*, 50 *Mrs. McBurney*, and 50 *Frances Joost*. Anton Then was first for 50 *Lizzie McGowan* and 50 *Argyle*. Chicago Carnation Company came in first for 50 *White Cloud*, 50



Non-Competitive display by C. A. Samuelson at the Chicago Show.



Non-Competitive display of the Anderson Floral Co. at the Chicago Show.

in any other red and 50 New York. Mrs. E. B. Graves took firsts for 50 Evelina and 50 Victor. Mt. Greenwood Cemetery Association was first for 50 Cerise Queen. Special honorable mention was given Wietor Bros., Chicago, for a general display of roses and carnations.

Bassett & Washburn took first for any other pink not lighter than Wm. Scott with Painted Lady. They also exhibited a very promising white seedling of remarkable size and beauty.

In tested seedlings silver medals were awarded to H. Weber & Sons for a pink seedling, to Crabb & Hunter, Grand Rapids, Mich., for Irene, pink; H. Weber & Sons' Genevieve Lord was also honored. J. M. Gasser, of Cleveland, O., displayed a vase of his pink seedling Merrimac.

Miscellaneous.

On Thursday two handsome vases of the Liberty rose were placed on exhibition by Bassett & Washburn.

E. G. Uihlein was first for display of orchid flowers, for five foliage plants and best hanging basket. Geo. Wittbold won firsts for collection of ferns and specimen palm.

Eli Cross, Grand Rapids, was first for display of violet flowers, and Henry Smith, also of Grand Rapids, was first for ten violet plants in bloom.

EXHIBITION DISPLAYS.

We present in this issue views of four displays not for competition seen at the Chicago show this year. We are pleased to note a tendency to increase the number of these displays as we believe it to be a very desirable direction in which to have our exhibitions expand. We noticed that the general public seemed much interested in these displays and as they were changed daily the interest was well maintained.

They are not only an exceedingly attractive feature of the exhibition, but they bring the retail florist more real benefit in an advertising way than any entries in the competitive classes. Here he can select his own classes, show what he wishes, and above all, can show his skill in combining all his details into one harmonious and artistic picture. And there is no cavilling over the awards. The public makes its award strictly in accord with the merit of the work, and the reward will come in increased patronage by the judges.

The people who buy flowers are the best judges of what they like. What pleases one often does not please another. Show a variety of arrangements to suit all tastes, combine them harmoniously and place them where they can be seen by a great number of flower lovers, which is of course in the exhibition hall. You have helped the exhibition and you have helped

yourself to the very best kind of advertising that a retail florist can have.

TARRYTOWN, N. Y.

The Tarrytown Hort. Society held their first annual exhibition on Nov. 10th and 11th. The society have very great reason to congratulate themselves in this their first endeavor, for it is very safe to say that their expectations were more than realized. The exhibition all through was a complete success, and was as good as any one could wish.

District Attorney Geo. Andrews, formally declared the show open in the evening. He said among other things, that he had just heard the society referred to as an infant, and if an infant could produce such an effect, what might they expect when the infant reached maturer years. He was thankful to the society for having brought such pretty things to his own door, instead of making him go to New York or elsewhere. Also for the good which such societies did; thanked the numerous patrons for their generosity, and hoped the society would never have to shut down for lack of funds.

The competition all through was very keen, about 300 entries for 70 classes. Vegetables perhaps were the hardest contested of all. The two classes for celery had 28 contestants. The show of vegetables all through was very fine.

The hall showed itself off to great advantage. The groups of palms and foliage plants were arranged along the center with the groups of chrysanthemums in front of the orchestra. The palms, made up work and bush chrysanthemums were arranged on the orchestra platform. The scenery at the back depicting the autumn foliage, with the inevitable stream and mill-wheel, produced a very pleasing effect.

Prize List.

For a group of chrysanthemums in pots, to occupy 100 square feet, bordered with ferns, or other suitable plants, 1st prize, Chas. Graef (gardener, Wm. Stevenson); 2nd, Major Hopkins (gardener, Robert Angus). The first prize group was the most complete; the plants were taller and the effect was more pronounced; but the second prize lot, though not so completely arranged, lacked nothing in quality. In size of bloom it was equal to the first, and the foliage was superior. The first prize group was bordered with *Pteris cretica cristata*, and the second with *Nephrolepis davallioides furcans*. The most notable varieties in both groups were: "Swanley Giant, Boule d'Or (96), Dorothy Spaulding, Golden Wonder, Miss Helen Wright, Mrs. R. Jones, New York, Tippecanoe (a fine color, old gold), Iora, President Nonin, Enreka, Autumn Giant, J. G. Warren, Golden Wedding, Minerva, Black Hawk, H. W. Rieman, A. J. Balfour, Jeannie Falconer, Mme. Fratzer, Portia, Mons. Chenon de Leach, Emily Salisbury, Klondyke, Viviani-Morel, Mrs. T. L. Park, Chas. Davis, Duke of Wellington, Merza, Pluto, Mrs. E. Rogers, etc.

Wm. Rockefeller (Wm. Turner, gardener) was very strong in the plant classes, taking first for three bush plants in distinct varieties, best bush white, same yellow, same pink, same any other color, best two standards. His plants were certainly very fine. The varieties were, Harvest Moon, H. Hurrell, Mrs. O. P. Bassett, Viviani-Morel, Geo. W. Childs and Mrs. Robinson. First for 12 plants grown to single stem was taken by J. M. Constable, Mamaroneck (Wm. Anderson, gardener).

For group of palms and foliage plants to occupy a space of 100 square feet Wm. Rockefeller was first with a handsome group very gracefully arranged, the lot including some finely colored crotons. F. R. Pierson Co. took second with a group that contained some very fine plants but less gracefully arranged and lacking color. Miss Helen Gould displayed a fine group of fancy foliage plants and orchids, which was awarded a special prize. Notable in the collection were two fine plants of *Cyanophyllum magnificum*, 5 feet high, several fine marantans, two nice plants of *Schizmatoglottis Robelini*, several pitcher plants, some fine specimens of *Dendrobium Phalaenopsis*, lots of *Cypripediums*,

*oncidium*s, etc. A very nice collection indeed of plants seldom seen in private greenhouses.

For specimen palm Chas. Graef was first with a large *Rhapis flabelliformis*. A *Cyanophyllum magnificum* won first place as best foliage plant other than palm, shown by Mrs. J. B. Trevor (Howard Nicol, gardener). Mrs. Trevor also won first for table of decorative plants. For best 6 plants for table decoration J. M. Constable was first, his plants being *Dracaena Godseffiana*, *Croton Lady Zetland*, *Panax Victoriana*, *Aralia Veitchii*, *Dracaena Sanderiana*. A very nice lot indeed.

For three specimen ferns Mrs. Geo. Lewis (James Nichols, gardener) was first with a large Boston fern, a *Nephrolepis davallioides furcans* and an *Adiantum Farleyense*. Mrs. Trevor was first for single specimen with a fine *Davallia fijiensis plumosa*. Joseph Eastman (Wm. Scott, gardener) was first for 3 pans *selaginellas*. Mrs. Trevor was first for pair of *adiantum*s with A. Farleyense. Chas. Graef took first for 6 cyclamens.

In chrysanthemum cut blooms Wm. Rockefeller was first for 36 blooms in 6 varieties, consisting of Mrs. O. P. Bassett, Mrs. Weeks, Viviani-Morel, Major Bonnaffon, Mrs. Robinson and Peter Kay. The Mrs. Weeks were very fine, measuring 7 inches in diameter, and the Mrs. O. P. Bassett measuring 6 inches.

For 36 blooms distinct varieties Joseph Eastman was first, his varieties being J. G. Warren, Mrs. E. G. Hill, Pres. Nonin, Miss F. Pullman, Emily Salisbury, Mrs. Gustave Henry, Mme. Fratzer, Mme. Ferlat, Boule d'Or (96), Viviani-Morel, Mrs. Robinson, Iora, Portia, Mrs. J. M. Lewis, Swanley Giant, Mons. Chenon de Leach, Minerva, Silver Cloud, Mrs. Weeks, Modesto, Mrs. W. C. Egan, Chas. Davis, Autumn Glory, Mrs. J. J. Glessner, Mrs. Geo. Peabody, Col. Goodman, Maj. Bonnaffon and W. H. Chadwick.

For 12 distinct varieties Mr. Eastman was first again, especially noticeable in the lot being Mme. Carnot, Mrs. T. L. Park and Col. Appleton. Wm. Rockefeller showed the largest bloom, a yellow Carnot, measuring 9 inches in diameter and 6 inches deep; also a monstrous Mrs. Weeks.

The Mallory Estate (Wm. Smith, gardener) won first 6 blooms white with Mrs. Weeks; J. M. Constable for 6 blooms yellow, with Mrs. T. L. Park; Wm. Rockefeller for 6 blooms pink, with Viviani-Morel.

In the rose classes the winners of firsts were F. R. Pierson Co., Mrs. Geo. Lewis, F. O. Mathieson, Wm. Rockefeller. For best vase of any new rose not in commerce F. R. Pierson Co. was first with a vase of Liberty.

In the carnation classes the following won first prizes: J. M. Williams, Stamford, Conn.; J. M. Constable, Briar Cliff Farm (best 12 scarlet, with G. H. Crane); F. O. Mathieson. T. R. Pierson Co. took first for best seed-

ling not yet disseminated, with a fine vase of Mrs. Thos. W. Lawson.

In violets firsts were taken by H. A. Spavins, Mt. Kisco, N. Y.; Mrs. S. E. Sackett, Rye, N. Y. (R. Jenkins, gardener); and Mrs. Geo. Lewis.

For best bridal bouquet first went to John Fursey, Yonkers, and second to Cooke & McCord, Tarrytown. Two very nice bouquets of Bride roses, valley and maiden hair ferns.

The fruit and vegetable classes were sharply contested, the principal prize winners being Mallory Estate, Joseph Eastman, Mrs. T. W. Palmer, Wm. Rockefeller, Major Hopkins, Mrs. S. E. Sackett, Mrs. Geo. Lewis and Mrs. C. C. Worthington. In Mrs. Worthington's collection of vegetables there were 70 varieties.

Kretchmar Bros., West Nyack, N. Y., exhibited a number of vases of the leading varieties of carnations; also several seedlings. Their No. 23 in substance, size and color looks like an improvement on Mrs. James Deau. The stems, however, were short, and it will have to be shown to better advantage to beat that variety. Their other seedling did not appear to us to be any improvement upon our leading sorts.

John Egan & Son, North Tarrytown, also exhibited several vases of carnations, also 6 nice little plants of *Erica byemalis*, and 6 plants of *Cypripedium insigne*.

Cooke & McCord exhibited three pots of *Begonia Gloire de Lorraine*.

F. R. Pierson Co. exhibited quite a number of large Bays, both standards and pyramid; also a nice lot of *Catleya labiata*, and orange trees.

The leading citizens turned out in large numbers; over 1,000 attended the first day, and the indications are that the number today will exceed that figure.

JAS. T. SCOTT, Reporting Sec'y.

MADISON, N. J.

The show given by the Morris County Gardeners' and Florists' Club in the new assembly rooms, Madison, Nov. 7th and 8th, was both an artistic and financial success and the members of the club are very much encouraged over the prospects for future shows. They deserve great credit for what they have accomplished so far. The attendance on the first day exceeded that of the three days last year when the exhibition was held in Morris-town. A good band of music was employed and the town's people were stirred up by its parading from the depot to the hall previous to a concert among flora's jewels. Admission was 25 cents.

Madison, of course, as all your readers are aware, is the greatest rose center in the world, and when a flower show is given in the locality, one naturally expects to see wonders in roses and keen competition for prizes. Whilst there were quite a few entries in some of the classes, still, for Madis-



Non-Competitive Display by E. Wienhoeber, at the Chicago Show. Flowers mainly *Oncidium Varicosum* and *O. Var. Rogersii*.

son, the display of roses was disappointing; not in quality, but in quantity. It will be a glorious day for American floriculture when growers and exhibitors in general can stand to be beaten once in a while and cease to consider only the "big dollar" prize money.

There was an object lesson at this show that shone out brighter than all others. The finest plants and flowers there were marked "Not for Competition." These were the grand exhibits by Wm. Duckham and Arthur Herrington. These two gentlemen sacrifice everything in order to encourage competition, but the club should adopt some way of rewarding them.

Mr. Herrington was in Chicago acting as one of the judges at the show in that city, but was represented here by a fine table of orchids, a group of well grown ferns and palms and several vases of grand chrysanthemums.

Wm. Duckham exhibited a central group of chrysanthemums and foliage plants that couldn't be beaten anywhere; his ten vases of cut chrysanthemums were superb, they were Mrs. J. Peabody, Chas. Davis, Mrs. H. Weeks, Modesto, Vivian-Morel, Major Bonnaillon, Chevr. De Leach, Mme Carnot, Mayflower, etc., and a vase of mixed; these were easily the best blooms at the show. Carnot was the largest. The exhibit was awarded a silver medal. Other awards in cut mums were:

For 6 blooms, other than yellow or white, first, Henry Hentz, with Helen

Bloodgood; second, Geo. E. Kissel.

For 18 blooms, three varieties, first, Marmaduke Tilden; second, George Bird.

For 6 blooms, yellow, first, Marmaduke Tilden, with Golden Wedding; second, John N. May, with Mrs. T. L. Park.

For 12 mixed blooms, first, Marmaduke Tilden; second, Mrs. J. Catlin.

For 6 blooms, white, first, Geo. E. Kissel, with Evangeline; second, John N. May, with Merza.

John N. May showed, not for competition, 12 varieties of pompons. They were one of the most interesting features at the show and attracted much attention.

Cut Roses.

For 18 American Beauties, first, Walter Reid.

For 12 American Beauties, first, Henry Hentz; second, Marmaduke Tilden.

For 18 Bridesmaids, first, Henry Hentz; second, Jas. J. Ryan.

For 18 Brides, first, Frank Burnett; second, Henry Hentz.

For 6 Bridesmaids, first, Frank Burnett; second, Walter Reid.

For 6 Brides, first, Frank Burnett; second, Jas. J. Ryan.

For collection of roses, four varieties, first, Elwood Brant.

Ernst Asmus, West Hoboken, exhibited a vase of the new rose Liberty, for which he received a certificate of merit.

The Chatham Rose Company showed some well grown Meteors. One reason given for many absentees on the rose bench was that mildew was very prevalent in this section just now. There is scarcely anything but Brides and Maids grown around Madison.

In carnations O. Kieser won first in the one class competed for; 18 blooms, three varieties.

J. W. Feeter, Highlands, N. Y., carried away the violet prize and he was all alone at it, too.

The groups of plants were all arranged in the same way, "side groups."

For groups of foliage plants, first, E. C. McFadden, Short Hills; second, Mrs. J. Catlin, J. A. Coren, gardener; third, Wm. Carlton.

For groups of chrysanthemums and foliage plants, first, J. Davis; second, Jas. A. Coren, gardener to Mrs. J. Catlin; third, John Jones, Convent Station.

In flowering plants, Wm. Carlton won two first prizes. John J. Foley, the Bowery florist, exhibited a pretty group of plants, also a Bride and Bridesmaid bouquet and basket, all of which flowers were not for competition.

Lager & Hurrell, Summit, N. J., made a choice display of orchids, among which were magnificent blooms of *Cattleya labiata*.

Henry Hentz exhibited cotton plants in pots. They were very interesting and we think economical plants are

destined to be a feature of future shows.

Fine specimens of Phoenix Roeblii and Dracaena Sanderiana were shown by Wm. Duckham, the latter being one of the largest plants of its kind in the country. The fruit and vegetable exhibits at the show were very fine. Everything was very neatly staged. It would be better if many of the exhibitors would label their flowers and plants; visitors want to "know" names, but, boys, it was a fine little show. Make it better next year.

J. I. DONLAN.

POUGHKEEPSIE, N. Y.

The fifth annual flower show of the Dutchess County Horticultural Society, held in the Armory, Poughkeepsie, Nov. 8, 9 and 10, was successful in many ways. The exhibits were very prettily arranged and the quality of the flowers shown was convincing proof, if indeed any were necessary, of the great skill of the gardeners in that section of the country. Here it is considered a man's duty to prepare for the annual show, and though many of them have never yet been beaten in some of the classes, yet those who have are manly enough to come up and try again.

Poughkeepsie is the great center for violet culture in the United States. The shows here were made famous by the display of violets; this year, however, this section was a disappointment, for these flowers were not only poor, but the display was no larger than those seen in many smaller shows throughout the country.

The group of chrysanthemum plants contained several hundred grand blooms.

Jas. Agar won first in this class.

In the classes for best specimen plants of chrysanthemums, Wm. Russell got two firsts; W. L. Reynolds, one, and I. L. Powell, two seconds.

For group of foliage plants, Jas. Agar won first; F. R. Newbold, second; Jas. Horrock, third.

For specimen foliage plant, F. R. Newbold, first; Jas. Horrocks, second.

For six decorative foliage plants, Jas. Agar, first; Jas. Horrocks, second.

For six best ferns, Thos. Emerson, first; F. R. Newbold, second.

Orchids are a leading feature of this show, and Thos. Emerson's table is always a beautiful picture. This year it contained many other species, a great many choice Cattleyas and a fine piece of *Cypripedium Harrisianum*, all of which were neatly fringed with ferns.

Emerson won first; F. R. Newbold, second; in Mr. Newbold's collection were some extra fine blooms of *Cypripedium Chamberlainianum*.

The tables of foliage plants were very pretty. Thos. Emerson got first for his well colored crotons; Jas. Agar, second. Among Mr. Agar's collection was a fine piece of the new croton, Edna L. Green, a very graceful form,

which was awarded a certificate of merit.

W. G. Gomersall received first prize for a well grown specimen *Asparagus Sprengeri*.

In specimen ferns, W. G. Gomersall got first with an immense *Davallia filijensis*; W. C. Russell, second, with *Adiantum cuneatum*.

The prize for violet plants went to C. F. Bahret.

The cut chrysanthemums shown here were the largest of their varieties seen at any of the shows this season so far. The Dinsmore silver cup for 36 blooms, six varieties, six of each, was awarded to W. C. Russell; Jas. Blair won second prize. Mr. Russell's varieties were May Flower, Frank Hardy, Peter Kay, Golden Wedding, Vivian-Morel and Bonnaffon.

In other classes for cut mums the awards were: 12 white, no entry; 12 yellow, first, W. E. Russell, with Peter Kay; 12 pink, first, James Blair, with Vivian-Morel; 12 crimson, Jas. Agar; 6 white, W. G. Gomersall, first; 6 yellow, W. C. Russell, first, with Bonnaffon; 6 pink, W. C. Russell, first; 6 crimson, James Blair; 6 any other color, Jas. Agar.

For best seedling not yet disseminated, Richard Griggs won second with a yellow sport from Silver Cloud.

In the classes calling for 25 blooms in one vase arranged for effect, Richard Griggs won two firsts and W. G. Gomersall second.

For 24 blooms, 24 varieties, shown on boards, W. C. Russell won first prize with the following sorts: Peter Kay, Mrs. H. Weeks, Modesto, Mrs. J. Peabody, Pennsylvania, Fisher's Torch, Golden Wedding, Niveus, Eureka, John Shrimpton, W. P. Raynor, Defender, Mrs. C. H. Pierce, Lenawee, Mutual Friend, Bonnaffon, Morel, Harry May, May Flower, Miss N. Elverson, Autumn Glory, Marie Louise, Minerva and Mme. Ferlat; W. G. Gomersall got second in this class.

For 12 blooms, 12 varieties, on boards, first, Jas. Blair; second, I. L. Powell.

There is always a battle royal for the Sargent prize which is offered for 24 blooms yellow, 4 varieties, 6 of each. A magnificent table of blooms was staged for this class. W. C. Russell was the victor, his varieties were: Peter Kay (the largest yellows at the show), Bonnaffon, Minerva and Golden Wedding (Russell's kind). May Flower was the largest bloom at the show.

Cut Roses.

For 12 American Beauties, Jas. Blair, first; F. R. Pierson Co., second.

For 12 Bridesmaids, I. L. Powell, first; W. C. Russell, second.

For 12 Brides, W. C. Russell, first; I. L. Powell, second.

For 12 Perles, Jas. Horrocks, first.

For 12 any other, Jas. Blair, first; W. C. Russell, second; both had Morgans, Mr. Blair's were the finest we have ever seen of that variety.

The Dinsmore silver cup for best collection of carnations went to F. R. Pierson Co.; the second prize was awarded to W. G. Saltford.

F. R. Pierson Co. also got first for 36 carnations. They exhibited a vase of the Lawson carnation which was awarded a certificate of merit.

There were quite a lot of carnations on exhibition, but for some reason they kept very badly, having gone to repose on the second morning.

There were only 4 entries in the double violet class and no first prize was awarded; Mr. Feeter got second.

B. Willig won first for best corsage bouquet of double violets.

Messrs. Russell, Gomersall, Griggs and Horrocks won several prizes with fruit and vegetables.

Samuel Goldring, of Albany, N. Y., who was one of the judges at the show, exhibited some fine seedling *Cypripediums*, one of which was a variety that always produces two flowers to the spike; these were awarded a certificate of merit. Mr. Goldring also staged a fine cluster of *Eucharis Amazonica*, for which he received a certificate; F. R. Pierson Co. exhibited a vase of the new rose Liberty and it was awarded a special prize. John N. May, a collection of pompon chrysanthemums; which were greatly admired.

J. I. DONLAN.

BOSTON.

The glut of all kinds of blossoms except violets has continued throughout the week but in a lesser degree. No change in prices except in the matter of violets, the best of which are bringing \$1.50 per 100.

The stately "Queen of Autumn" has given her grand reception in Horticultural hall and it was a great success. How could it be otherwise when the wealthiest men of the old "Bay State" have employed the bravest talent to bend energies especially upon it? Do capital and labor join hands and pull together so steadily for any other object as in horticultural pursuits?

The doctors disagree as to whether the exhibition was ever excelled in this city, but the general vote seems to be that at least the plant department never was better. There were about one hundred and fifty specimens, from three to five feet in diameter, each throwing from one to three hundred blossoms, varying in size from two to six inches in diameter. No more striking display of gardening skill can be imagined. The affair was well patronized by the general public and by scientific and commercial growers. I do not hear of new varieties having caught the commercial favor, and indeed it seems impossible that any new recruits are needed. But the magnificent single blooms stood up proudly, hundreds of them, cut and on the plant, and received showers of praise without moving a muscle. The large vases of arranged blossoms were all right, too.



Non-Competitive Display of Geo. Wittbold at the Chicago Show.

W. W. Edgar and Dr. C. G. Weld enlivened the scenery with collections of plants, chiefly *Gloire de Lorraine* begonia, and the Harvard Botanic Gardens exhibited a huge lot, all fine specimens of that plant.

Wm. Nicholson, M. A. Patten, D. Carmichel and John Pritchard took advantage of the opportunity to show fine carnations; I. E. Coburn, a pretty display of pansies; Ernst G. Asmus and John Cooke, their new roses, "Liberty" and "Baltimore," and Lager & Hurrell put up the finest show of orchids I ever saw.

Some of the awards were as follows:

Awards for Plants.

Chrysanthemums—Display of 12 named plants, any or all classes, distinct varieties, Mrs. B. P. Cheney; second, J. S. Bailey; third, Walter Hunnewell; fourth, E. S. Converse. Three Japanese incurved, Mrs. B. P. Cheney; specimen incurved, named variety, Mrs. B. P. Cheney; second, James Garthley; third, Mrs. B. P. Cheney. Specimen reflexed, named variety, Mrs. B. P. Cheney, first, second and third. Specimen anemone, flowered, named variety, Walter Hunnewell; second, James Garthley. Specimen pompon, named variety, Mrs. B. P. Cheney; second, Walter Hunnewell. Twelve plants of 12 different varieties, grown to one stem and bloom, in not over 6-inch pots, preference being given to plants not more than three feet in height, C. H. Souther; second,

Dr. C. G. Weld; third, E. S. Converse; fourth, H. Dumaresq. Six plants grown as above, but all of one color, red, Dr. C. G. Weld; second, H. Dumaresq; third, E. S. Converse; white, Dr. C. G. Weld; second, E. S. Converse; third, C. H. Souther; pink, C. H. Souther; second and third, Dr. C. G. Weld; yellow, first and second, James Nicol; third, E. S. Converse; any other color, Dr. C. G. Weld; second, C. H. Souther; third, E. S. Converse. Six plants grown in bush form, in not over 8-inch pots, without stakes, first and second, Walter Hunnewell. Group of chrysanthemums, arranged for effect, with palms and decorated foliage plants, limited to 100 square feet, first and second, Mrs. J. L. Gardner; third, E. S. Converse.

Gratuities—Harvard Botanic Garden, display of chrysanthemums, James Garthley, specimen plant, chrysanthemum; Lager & Hurrell, display of orchids; Harvard Botanic Garden, begonia *Gloire de Lorraine*; Dr. C. G. Weld, begonia *Gloire de Lorraine*; Wm. W. Edgar, begonia *Gloire de Lorraine*, ferns and dracaenas.

Awards for Flowers.

Special prizes, Josiah Bradlee fund—25 blooms of 25 distinct varieties, named, Mrs. B. P. Cheney; second, Arthur F. Whitin; third, Col. Charles Pfaff. Six vases of six named varieties, 10 blooms each, Waban conservatories; second, Norris F. Comley.

Henry A. Gane memorial fund—For

the best 12 specimen blooms of any of the seedling chrysanthemums originated by the late Henry A. Gane, Waban conservatories.

Society's Prizes.

Twelve cut blooms, incurved, named, C. H. Souther; second, E. S. Converse. Japanese incurved, Mrs. B. P. Cheney; second, Col. Charles Pfaff; third, E. S. Converse. Anemone, C. H. Souther; second, Dr. C. G. Weld; third, E. S. Converse. Six cut blooms, incurved, named, Dr. C. G. Weld; second, E. S. ese, C. H. Souther; second, Mrs. B. P. Cheney; third, Edwin Whitin. Japanese, incurved, C. H. Souther; second, Edward Whitin. Reflexed, C. H. Souther; second, Mrs. B. P. Cheney; third, E. S. Converse. Anemone, E. S. Converse; second, John Thomas; third, C. H. Souther. Twelve sprays, Japanese, naturally grown, stems 24 inches or over, not less than six named varieties, the second prize to Norris F. Comley. Pompons, J. W. Howard. Twelve best varieties, named, introductions of the current year, C. H. Souther; second, J. W. Howard. Vase of 10 blooms on long stems, red, named, Mrs. B. P. Cheney, John Shrimpton; second, H. Dumaresq, same variety; third, E. S. Converse, same variety. White, Waban conservatories, Mrs. Jerome Jones; second, Mrs. B. P. Cheney, Mutual Friend; third, E. S. Converse, Mrs. J. Peabody. Yellow, Waban conservatories, Peter Kay; second, Mrs. B. P. Cheney, same variety; third, the same for Maj. Bonnaffon. Any other color,

Mrs. B. P. Cheney, Charles Davis; second, the same for Philadelphia; third, Col. Chas. Pfaff, Mrs. George West. Vase of blooms on long stems, arranged in the society's large china vases, to be kept in good condition during the exhibition, C. H. Souther; second, Mrs. E. M. Gill; third, Col. Charles Pfaff; fourth, Norris F. Comley; fifth, J. W. Howard.

Gratuities—J. W. Howard, chrysanthemum, Autumn Glory; J. W. Howard, vase of pompon chrysanthemums; Sewall Fisher, carnation Saxon; Wm. Nicholson, carnations; M. A. Patten, carnations; D. Carmichel, carnations; John Pritchard, carnations; I. E. Coburn, pansies; Mrs. E. M. Gill, display; John Thomas, display; J. W. Howard, display; Misses Eleanor and Mollie Doran, native ferns and evergreens; Chas. S. Cooper received honorable mention for carnation Crawford.

B. B.

BROCKTON, MASS.

The second annual flower show of Brockton was held last week, Nov. 1, 2 and 3, under the auspices of the Brockton Florists' Club. The show opened Wednesday noon and the patronage exceeded the anticipations of the committee in charge.

The centerpiece of the exhibit was a striking figure. It included some of the finest plants in the country from the greenhouses of ex-Gov. Ames' estate, consisting of elegant rubber plants, chrysanthemums, pandanus, acalyphas and various specimens of dracaenas, some of which stood nearly six feet high. This exhibit alone covered a space about fifty feet in circumference. Among the exhibits were some from Fairhaven, Randolph, Avon, West Hanover, North Easton, and a particularly fine exhibit of light pinks all the way from Waynesboro, Pa. The owner of the latter exhibit was Henry Eichholz.

The judge of the exhibit was Robert Gray, of North Easton, head gardener at the Ames estate.

There were 56 classes in all but some were not filled. The awards were as follows: Three single specimens of chrysanthemums not to exceed 10 pots, James McGarthly, of Fairhaven. This exhibit included Japanese and anemone specimens.

Golden Gate, first, James McGarthly. Pink, first, Clarence W. Graham, Avon; second, James McGarthly. Other exhibitors were John McFarland, North Easton; F. McRae, Providence, R. I., and T. Packard.

White, first, F. McRae; second, John McFarland.

Any color but white, first, T. Packard.

Twelve varieties of cut flowers in one vase, first, F. McRae.

Twelve sprays of any color, first, F. McRae.

Twelve sprays, first, John McFarland; second, James McGarthly.

Twelve primula obconica, first, James McGarthly.

Six palms, first, W. W. Hathaway, Brockton.

Best vase of dark pinks, first, S. J. Goddard, Framingham; second, John White, Holbrook.

Twenty-five light pinks, first, S. J. Goddard; second, Duly Bros., Randolph.

Twenty-five red pinks, first, S. J. Goddard; second, H. E. Barrows, Brockton.

Twenty-five yellow pink, first, S. J. Goddard.

Twenty-five white pinks, first, S. J. Goddard.

One hundred flowers, first, H. E. Barrows.

Twenty-five Daybreaks, first, S. J. Goddard; second, Duly Bros.

Twenty-five Eldorados, first, Duly Bros.; second, Charles Cooper.

Twenty-five Scotts, first, Charles Cooper.

Twenty-five Annie Webbs, first, S. J. Goddard; second, Duly Bros.

Twenty-five Flora Hills, first, S. J. Goddard.

Twenty-five Geo. M. Bradt, first, H. E. Barrows; second, S. J. Goddard.

One hundred best Crawford's, first, C. Cooper; second, D. F. Washington.

Best display evergreen plants, first, H. E. Barrows.

Best bunch double violets, 100 flowers, first, John McFarland; second, F. F. White.

Best display snap dragon, first, Walter Baker.

Table decorations, first, H. E. Barrows; second, W. W. Hathaway.

Mantel decorations, first, H. E. Barrows; second, W. W. Hathaway.

Best wreath, first, C. Cooper; second, H. E. Barrows.

Best basket of flowers, first, W. W. Hathaway; second, C. Cooper.

Best bouquet, first, W. W. Hathaway. Special awards: Gratuity, white chrysanthemum, Frank White; six mixed mums, C. W. Graham; cultural certificate on dracaena, W. W. Hathaway; certificate of merit, dark pink carnation, Charles S. Cooper.

The committee in charge of the exhibit were: W. W. Hathaway, John McFarland and Henry Duly.

Among the noticeable vases of carnations were the Crawford, exhibited by C. S. Cooper, of Brockton, and the vase of Flora Hill, by S. J. Goddard, of Framingham. C. W. GRAHAM.

CHRYSANTHEMUM SOCIETY OF AMERICA.

The committees judging seedling chrysanthemums will now be in session every Saturday to and including Nov. 25th. Exhibitors should make their entries (for which a fee of two dollars is charged for each variety entered) to the secretary not later than Tuesday of the week they are to be shown.

All exhibits forwarded to the following addresses (express charges prepaid) will receive careful consideration:

Boston, Mass.—A. H. Fewkes, Horticultural Hall, Tremont street.

New York, N. Y.—E. Dailedonze, care New York Cut Flower Co., 119 West Twenty-third street.

Philadelphia, Pa.—A. B. Cartledge, 1514 Chestnut street.

Cincinnati, O.—R. Witterstaetter, care Cincinnati Cut Flower Co., corner Fourth and Walnut streets.

Chicago, Ill.—C. W. Johnson, care Illinois Cut Flower Co., 51 Wabash avenue.

ELMER D. SMITH, Sec'y.

CHRYSANTHEMUM SOCIETY'S SILVER CUP.

The officers of the Chrysanthemum Society of America have decided to award a silver cup (valued at \$20.00) to the seedling which averages the highest number of points. To be eligible in this contest, the seedling must be shown to at least three committees, and from their scoring an average will be made. ELMER D. SMITH, Secretary.

WORK OF C. S. A. COMMITTEES.

NEW YORK, NOV. 11.—M. Hansen, New Durham, N. J., exhibited a white sport from Erminilda named Mrs. Miriam Dalskov, which scored commercial scale 66 points.

CINCINNATI.—Nathan Smith & Son, Adrian, Mich., exhibited the following three varieties before this committee: No. 25, a pink Jap. Inc., scored commercial scale 74 points; No. 28, a light yellow Jap. variety, scored commercial scale 61 points; No. 72, a bronze Jap. variety, scored commercial scale 62 points.

CHICAGO, ILL.—No. 25, a pink Jap. Inc. variety exhibited by Nathan Smith & Son, scored commercial scale 83 points.

No reports from other committees.

The two varieties exhibited under number by John N. May are named as follows: No. 145, named Winona; No. 2, named Bonita. These varieties were reported upon in my last.

ELMER D. SMITH, Sec'y.

BRIDAL BOUQUETS.

The accompanying engraving is from a photograph of two of the bridal bouquets shown at the Chicago exhibition. The one at the left was entered by A. Lange, Chicago (Lee Walz, artist), and that at the right was entered by W. L. Rock, Kansas City, Mo. The other bouquets entered were nearly all similar in style to that of Mr. Rock.

The bouquet arranged by Mr. Walz was decidedly the most artistic arrangement at the exhibition and well merited the liberal first prize. The picture gives a side view of it in order that its form may be better shown and that the spray of Dendrobium formosum at the side may be seen. As will be noted in the picture, the flowers were loosely but securely placed over



Two Bridal Bouquets shown at the Chicago Exhibition.

selected sprays of *Asparagus Sprengeri*, the spray of orchids adding a touch of richness.

The view of Mr. Rock's bouquet is from directly in front.

WORCESTER, MASS.

The Worcester County Horticultural Society held its 16th annual exhibition Nov. 8 and 9. It was one of the best we have ever held. The first two years they were free, the same as our weekly exhibitions, but owing to the crowds the next year we charged 10 cents and had an attendance of 1,500. Since then we have tried 15 and 25 and back to 10 cents, with varying results, none of them satisfactory only that it kept the crowds out. This year we made it free and it was a success. At our annual meeting we voted not to hold one next year.

In the vases of 20 blooms pink the prizes were awarded to Vivian-Morel and Erminilda; in yellow to Major Bonnaffon; in whites, Mrs. Robinson, Niveus; vases of 10 blooms yellow,

Major Bonnaffon; vases of 10 pink, Pres. Smith and Mrs. Perrin.

The collections of 6 blooms and 12 blooms had some very fine specimens of Maud Dean, Infatuation, Philadelphia, Bonnaffon, J. Shrimpton, Egyptian, Niveus, Mrs. Perrin, Mutual Friend, Jerome Jones.

The single blooms were Pluto, Bonnaffon, Peter Kay, E. M. Bigelow, Vivian-Morel, Maud Dean, Eugene Dailledouze. The magnificent vase of 20 Vivian-Morel of H. F. A. Lange and the vase of 10 Major Bonnaffon of Mrs. George W. Knowlton were perfection and greatly admired.

The exhibition of carnations was fine, three contributors showing from 25 to 40 varieties each. H. Le Roy Sawyer, of Clinton, showed a carnation seedling of 1896, scarlet, similar to Bon Ton, and very large, fragrant, but a little weak in the stem. It was awarded a gratuity.

G. Marston Whitin, of Whitinsville, showed a seedling chrysanthemum of 1896, raised by William Darling, similar to Major Bonnaffon, both worthy of further trial and mention.

The large platform was covered with palms and ferns from H. F. A. Lange, also palms and ferns on the tables among the cut blooms.

The principal winners of prizes were H. F. A. Lange, F. A. Blake, Mrs. W. E. Sargent, Mrs. S. H. Record, Hugo Book, Mrs. J. C. Whitin, Mrs. Geo. Knowlton, Mrs. H. A. Jones, H. B. Watts and Mrs. T. Ward.

The annual meeting of the society was held Nov. 1 and the following officers were re-elected: O. B. Hadwen, Pres.; A. A. Hixon, Sec'y; Nath. Paine, Treas. A. A. H.

A STRANGE SUBJECT.

A strange subject and still an every day happening. The other day a wholesale florist asked me how it was that all the trade papers printed in their local notes prices supposed to be the average sales rates for the week, and the above mentioned wholesale man says his growers kick, for he can't average one-quarter of the rates quoted in the papers.

Now, this is often true, but the paper

prints the prices of shipping grades only, and where thousands of roses (or other flowers, for that matter) are received, probably not over a fourth of them are fit to ship. Then comes this unpleasant situation. You write a grower to-day, when trade is good, prices firm and all looks well, and you tell him so. But the next day all has changed, market busted, stock comes in bad or more than is wanted, or weather conditions are such that everything hangs, and the shipper is then just reading your letter. What you wrote the day before was the Gospel truth but it is a lie at the time of its receipt.

Another thing. A few growers may be neighbors and all grow the same kinds of flowers and they compare notes as to returns, etc. It never occurs to any grower that he don't put up his stock as nicely as his fellow grower, or that the quality is not as fine. There may be but a trifling difference, but remember we wholesale men sell to the trade and the retail man is the judge of quality when the stock is offered in the market; not the producer.

The gardeners compare notes, and one says, "I did so and so and got so and so much." Admitting that the statement of better returns is correct, you will find that there was not only a shade but a great deal of difference

in the quality of the stock, so much so that demand would have to exceed the supply in order to make the returns anywhere near equal.

Then in this business, as in all others, brokers have their friends (or pluggers, as I call them) who not by request but out of friendship, or often on account of past successes, sometimes stretch a point for their friend, and in comes a letter of complaint, when if this very "plugger" would show his check and tell how many flowers he sent in order to get this check, you would find that his remarks were made largely on account of his friendship for his wholesale man.

Gardeners are not like buyers. To them a rose is a rose, and a bunch of violets is a bunch also. But the buyer often expresses his opinion in this way: "Tell that fellow to keep that punk stuff at home." Or, "How does that fellow expect to live if he don't put his stuff up better." And a great many more remarks in this order.

And still the trade paper prints the market rate, and the grower takes his one-fourth as above mentioned wholesale man expresses it. The reason is simply because he has not raised No. 1 flowers. And more than all, he does not put them on the market in shape to command the shipping rate.

CHARLEY'S AUNT.

more flowers. There will be many celebrations where great quantities of fruit, cereals and vegetables will be used for decorations; flowers supply but a small part in these forms through ignorance or a defective idea of beauty.

Bright colored flowers are the most appropriate to use in Thanksgiving decorations. Plenty of this material can be found in carnations, roses and chrysanthemums. Red roses will lead. There should be no formal arrangements in these decorations. Vases should be used on the table or in room embellishment, and the impression to be created is that of "Abundance." Violets are poor and scarce this season so far, they will be the principal flower for personal adornment with red roses or valleys as substitutes.

A special window display doesn't cost very much just now, and it's good policy to show your store off to the best advantage, more especially if there is or has been an exhibition in your town.

The very mild autumn we are having has not been good for trade, the wealthy people prefer their country homes till bad weather drives them away, but there are many pleasures we enjoy in these Indian summers which offset our other troubles.

It will be a good season, get ready for it and be prepared to handle everything that comes your way. Don't get to be arrogant or independent when you've lots to do. You never know whom you will yet need for a friend, or an order, and it is much easier to keep the trade you may have than to go out and try to win it back should you lose it.

Next week we will review the retail and artistic side of several shows we attended.

For what you had, what you have, and what you hope to get celebrate Thanksgiving Day.
IVERA.

PARK AND OUT-DOOR ART ASS'N.

A meeting of the council and others interested in the Park and Outdoor Art Association was held in the green room of the Auditorium Annex, Chicago, November 4th.

The following persons were in attendance: President Chas. M. Loring, Vice-President R. H. Warder, John C. Olmsted, E. J. Parker, Thos. H. Macbride, Treas. O. C. Simonds, and Secretary Warren H. Manning, together with the following citizens of Chicago: Mr. French, director of the Art Institute; Mr. Emil Lorch, of the Art Institute; Prof. Geo. W. Kriehn, of the University of Chicago; Mr. Bryan Lathrop, and Dr. Woodworth, President of the Lincoln Park Board.

Dr. Woodworth was elected chairman of the meeting.

The Secretary gave a general review of the work of the association, particularly that which had been delegated to the committees, gave a brief outline of what had been accomplished by these committees, and stated



Thanksgiving Day.

Thanksgiving Day will soon be with us, and if we but stop to consider, we in the flower business have much to be thankful for. The word business is all-powerful in meaning, it requires the exercise of vast amounts of tact, ability and more especially of patience to build up a profitable business. And, my friends, bad and disappointing as the florists' trade may appear to many who are in it, it is nevertheless a good and grand business to be engaged in. 'Tis one that calls for the employment of all that is noble in human nature—all that is sublime in art. The mad desire to quickly accumulate fortune is responsible for mountains of discon-

tent, and many of the failures to even provide for a decent living may be traced to incompetency, neglect or wrong locations, and our business is blamed for it all. If we but studied the requirements of a great many other lines of trade, we would find that there is more attention exacted and the profits are infinitesimally smaller.

Yes, the florists' business is a good one, and you can safely say that there is something the matter with the man or the place where 'tis a failure. Thanksgiving Day should mean more to the florist than what it does, for he or she should not only adopt the full meaning of the event, but there are many ways in which the public could be induced to crown it with

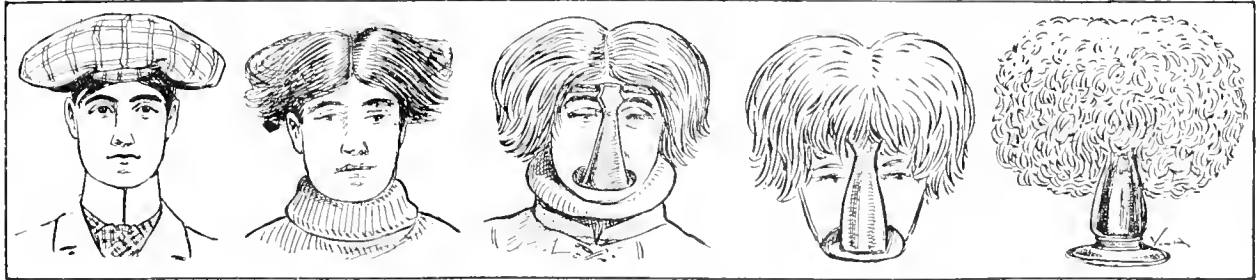
that he had conferred with Mr. French of the Art Institute who would hold the following days open for our next annual meeting to be held in the Art Institute: June 5th, 6th, 7th, 20th, 21st, and 22nd.

A communication was also read from R. H. Southgate, manager of the Auditorium hotel, offering to provide meeting rooms in the hotel free of charge to the convention and making a rate of from \$1.50 to \$4.00 per day. It was voted by the council to hold the meeting on the 5th, 6th and 7th of

a committee of the association. He thought a petition to merchants would in some cases correct such disfigurement of public places. He also believed that the disfigurement of bridges could be prevented by petitioning the board of county supervisors to prevent this, as these bridges were public property under the control of the supervisors.

Mr. R. H. Warder stated that the association should aim to stimulate a more active public sentiment in favor of cleanliness and good order. The

jury that was being done to small parks by the removal of all shrubbery on the ground that it was likely to prove a shelter to evil-disposed persons, this being the idea of the present man in charge of the grounds who appears to have the power to do this work without restraint. He thought public attention should be called to this and some provision made for the protection of public parks. He said that many of these parks were designed by Mr. Downing and his work was in many cases just approaching



The Modern Social Evolution. From the Chicago Times-Herald.

June, and to make the Auditorium hotel the headquarters of the association.

The following suggestions were brought up in the general discussion which followed:

Mr. E. J. Parker urged the importance of securing a larger membership, and called attention to the good work which was being done by the various railroads, particularly the Boston & Albany and the Pennsylvania R. R., in the improvement of the surroundings of stations. He suggested that a paper upon this subject would be desirable, also a paper on "School Grounds." He called attention to the valuable time that was being lost by the Chicago University in postponing planting operations upon their grounds. He also stated that he thought the association should secure an opinion and have a discussion upon the question of the rights of telegraph companies to cut trees on the roadside in locating their poles and wires. He stated that it was claimed in his town that their franchise gave them this right. The rights of the company and of the abutters should be clearly determined in such cases. He understood that there had been a decision in an Illinois court against the cutting of trees by the telephone companies. He spoke also of the rights which the Minneapolis park commissioners had to plant trees on side streets and assess the cost on abutters. In his own city he had made a proposition to his local park association to buy trees at wholesale and plant them at cost. Mr. Parker spoke also of the importance of having more attention given to the surroundings of the national, state, city and town public buildings. He spoke also of the importance of checking the abuse of public advertisements which had been referred to

average man at home should be induced in some way to give more attention to these matters, not only about his home grounds but in the city at large by acting through public officers.

Mr. Kriehm said that he would like very much to have a paper upon "Small Parks" treated in the broadest possible way in order to bring out suggestions that would help make such parks of the greatest use to the greatest number. They should be considered in their relation to surrounding buildings, also in reference to the proper location of statuary and other objects of art.

Mr. Lorch suggested that a collection of photographs be displayed at the meeting of the association in which would be indicated what was bad and what was good in the treatment of public and private grounds. He thought also that a petition showing the ideal treatment of the surroundings of a public building would be of value and interest.

Mr. Warren H. Manning suggested that the surroundings of church buildings should also be considered in the work of the association.

Mr. O. C. Simonds thought it important that someone should consider and present before the meeting the work that the association should aim to accomplish during a series of years. He also thought it would be desirable to have a paper upon Mr. Stiles and others who had done so much to protect public parks from the introduction of features not in keeping with their original purposes. A paper on "The Preservation and Protection of Parks once formed" would be a good subject.

Mr. Bryan Lathrop said that he had been greatly impressed at a recent visit to Washington with the great in-

its full beauty and maturity. This made the destruction seem all the more serious.

President Chas. M. Loring said that he should encourage the organization of neighborhood and village improvement associations. He said that he had been called upon to assist in the formation of such societies and had found in many cases great enthusiasm.

Mr. Thos. H. Macbride suggested that school and home grounds would be a good general topic for discussion.

Dr. P. M. Woodworth would have more attention given to such matters as laws relating to boulevards, the moral effect of parks on the community, architecture and sculpture in parks, and would have every department of park administration heard at our meeting. He spoke of the good work that was being done at Dayton and thought that Chicago was ripe for a movement in this direction, as he believed that many large manufacturing concerns would be glad to improve the surroundings of their employes if they were only approached in the right manner.

Mr. E. J. Parker thought that papers should generally be presented by men who by reason of extensive travel and research would be able to treat the subject presented in the broadest possible manner.

Mr. Thos. H. Macbride suggested that it might be advisable to have some general subject treated in detail at each session, or perhaps at each meeting.

Mr. John C. Olmsted agreed with Mr. Macbride in this matter.

President Loring stated that short, pithy papers should be prepared rather than long essays in which an attempt was made to cover the subject treated. The shorter papers were more valuable because they brought

out discussion and in this way the views of a large number of men were secured. It was generally agreed that such papers would be best.

CHICAGO.

The Market.

The market is in a very satisfactory condition. Everything seems to move well at fair prices, unless the quality be very low. There is really a shortage of Maids and long Beauties, and there are none too many roses of any kind, though Brides are in ample supply. Good carnations move well.

Chrysanthemums are holding their own very well. Prices have averaged better than for many seasons past, and there have been no gluts such as have been experienced in years past at this season. The average of quality is now most excellent and some of the wholesalers are showing blooms equal to any of the prize winners at the show. The very high priced blooms move a little slower at the top figures than last week, but medium grades go better and maintain the average. Of course there is a good deal of poor grade stuff that moves only at low prices.

There has been a shortening up of the supply of roses the last day or so. If this continues prices may be raised a notch. At present writing top figures generally prevail for first-class stock.

Club Banquet.

The annual banquet of the Florists' Club at the Sherman House last Thursday evening brought together a large number of florists and a very enjoyable evening was spent by those present.

After the eatables (and part of the drinkables) had been disposed of and the smokables had been passed around President Hartshorne welcomed all in a few well chosen words and announced Mr. Edgar Sanders as toastmaster.

Prof. J. F. Cowell was the first speaker. He said some pleasant things about the exhibition, expressed his pleasure at again meeting the Chicago florists, and told a little story, showing that in addition to muscular strength and strength of character there is strength of the stomach in a little different sense from that usually employed. Two Irishmen were on an excursion boat. The water was rough and one discovered the other hanging over the rail, paying tribute to Neptune. He said, "Why, Pat, you're stomach must be wake!" "Oh, I dunno," said Pat, "I guess I'm throwin' about as fur as any of 'em."

Mr. A. Herrington being asked to tell something of what he saw on his recent European trip, said that he had seen a great deal that was interesting and admirable but that on arriving again on American soil he had decided

that this country was good enough for him.

Mr. E. Buettner explained why he had been selected as the local representative on the board of judges. He understood that disappointed competitors were to get satisfaction from the Chicago member, and he had therefore been selected on account of his size.

Mr. W. N. Rudd said that he wished to publicly state that the eastern judges were no good, and in support of his position read a communication signed by both in which they overruled a protest by him on behalf of the Mt. Greenwood Cemetery Association, because the said exhibitor "had failed to fertilize the plants with a sufficient number of stiffs, and had also failed to provide the judges with the customary liquid retainer in the morning." It was received with shouts of laughter.

Mr. G. L. Grant was called upon to say a word in defense of the judges and expressed it as his opinion that the judges were all right and that any exhibitor who failed to provide the usual liquid retainer should suffer the consequences. He told of the difficulties under which the first exhibition was given by the club, which was during the week in which the anarchists were hung, and when the mayor had by proclamation asked all good citizens to keep off the streets as much as possible and especially in the evening.

Mr. P. J. Hauswirth, who was active in the management of this early exhibition, also related several interesting incidents in connection with it.

The club's quartette, consisting of C. W. McKellar, E. F. Winterson, E. H. Kissel and Chas. Balluff, contributed the most enjoyable part of the program, responding time and again to repeated calls.

Mr. E. H. Giesy favored the company with a recitation from which we learned that "Kentucky corn is full of kernels, and the Colonel's full of corn."

Anton Then gave a selection from grand opera, Geo. Baldwin sang a song, and brief addresses were made by W. Prosser, New York; A. Klokner and W. A. Kennedy, Milwaukee; G. A. Rackham and H. Balsley, Detroit; S. S. Skidelsky, Philadelphia; J. M. Glasser, Cleveland; Wm. Weber, Oakland, Md.; W. A. Harkett, Dubuque, Ia.; J. A. Evans, Richmond, Ind.; Henry Smith and Geo. F. Crabb, Grand Rapids, Mich.; John Hartje, Indianapolis; W. W. Coles, Kokomo, Ind.; W. E. Lynch, F. F. Bentley and Jno. Reardon, this city.

Club Meeting.

A regular meeting of the Florists' Club will be held tomorrow (Friday) evening. The banquet and finance committees will report, and there will be a general discussion of "The Benefits of the flower show in a business way."

Various Items.

Peter Henderson & Co., of New York, have opened a Chicago branch seed store on the west side at No. 9 South Halsted street. The manager in charge is Mr. Henry Bruns, formerly manager of J. C. Vaughan's west side store.

Geo. Allen has opened a floral store at 2138 Michigan avenue.

NEW YORK.

Club Meeting.

There was quite a large and enthusiastic meeting of the club held on Nov. 13th. Convention matters and nomination of officers occupied most of the time. It was decided to hold the exhibition and convention in the Grand Central Palace. Mr. J. P. Cleary was recommended for manager. After hearing from delegates from the different local societies and a thorough discussion pro and con of the subject, it was finally decided that a horticultural show be held in addition to the usual trade show. There was quite considerable feeling shown over the matter, in fact more feeling than courage. There's lots of things and names that don't look well in print, therefore we'll leave them out just now, but The Review may say something later.

Nominations for officers were: for president, P. O'Mara, John N. May and several others; vice president, A. Herrington and F. Atkins; John Young and Chas. Weathered for secretary and treasurer, and Messrs. Plumb, O'Mara, Cleary, Burns, Manda and Troy for trustees.

Several fine vases of new carnations were on exhibition; Ethel Crocker by Robt. Craig, and No. 665 by Daildenze Bros. The latter a mottled pink and white is probably the largest carnation seen here; it is very fine. Both were recommended for certificates in the usual form.

Chris. Besold showed two seedling carnations, one the exact color of American Beauty rose, the other a pink and white striped one; both were highly recommended.

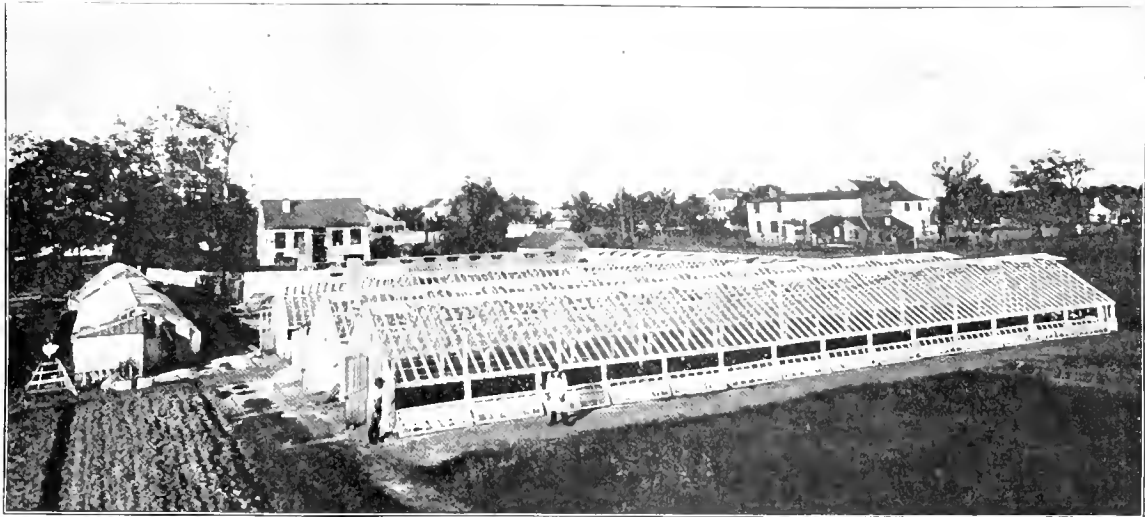
The club decided to offer one gold and one silver medal to be competed for at the National Rose Society's show to be held here in March. Mr. May was authorized to name the conditions of competition for same.

Mr. C. W. Ward offered \$250, and W. A. Manda \$100 for prizes, etc., for the Convention show. These generous offers were accepted with thanks.

Several new names were added to the roll of membership.

Mr. Herrington, when asked to speak of the Chicago show, said he was delighted with all he saw out West, and regretted that New York was unable to have a flower show this year.

W. A. Manda spoke highly of the recent Philadelphia show, and Robt. Craig hoped to see everything that



Greenhouses of Mr. John Wolf, Savannah, Ga.

was good or new from all parts of the world here next August.

Messrs. O'Mara, Siebrecht and Weathered were appointed a committee to express the sympathy of the club to the relatives of the late Mrs. J. H. Taylor, Mrs. John Morris and W. H. Brower, whose deaths everyone here deeply regrets.

Bowling.

The scores at the alleys Nov. 13th were:

	1.	2.	3.
Rochrs ..	149	125	122
Traendly ..	134	159	121
Theilman ..	155	131	179
Atkins ..	152	119	120
Burns ..	155	132	160
Marshall ..	105	100	127
Siebrecht ..	107	134	120
Donlan ..	...	102	138
Stumpp ..	115	177	117
Lang ..	176	104	...
Manda ..	100	116	163
Schultheis ..	133	144	97
Bunyard ..	...	...	116
Stewart ..	...	...	112
Von Aesch ..	...	...	117
Troy ..	...	...	125
Butterfield ..	94	107	121

Notes.

President Wm. Plumb, who has been laying out a large place at Plattsburgh, N. Y., is now busy renovating the extensive grounds of Greystone, the late Samuel J. Tilden's old place at Yonkers.

The New York Gardeners' Society will meet at the Grand Central Palace, Forty-third street and Lexington avenue, 8 p. m., Saturday, Nov. 18. Nomination of officers will take place and The Florists' Review offers a copy of Scott's Florists' Manual for the best display of chrysanthemums at this meeting. IVERA.

BATAVIA, ILL.—Charles Handel, of Pekin, Ill., has rented the P. G. Pearson place for a term of years and will grow stock for the Chicago market.

ST. LOUIS.

Club Meeting.

The regular November meeting of the Florists' Club was held Thursday afternoon of last week with President Ammann in the chair, and the attendance was as good as could be expected. The talk was about show matters, and the exhibition committee reported that they were all in readiness and that the prospects were good for a successful show.

We are satisfied that the public is with us, and the only thing that can mar the show in any way is bad weather. The committee went to see the weather clerk and he has promised them good weather, and all it cost was a season ticket. The delinquent members were given one more month to pay their dues but will not get their season pass to the show.

Mr. J. M. Jordan, one of our oldest members, and who is very sick, and has been for the past year, has been made a life member by a full vote of the members present.

Mr. W. H. Kruse, of 2848 Arsenal street, made application for membership. Mr. K. was formerly with Wm. Schray.

The trustees were instructed by the president to have an essay read at the next meeting of the club, which takes place Thursday, December 14, at 3 p. m. After the regular business was transacted the meeting adjourned.

Business Conditions.

Business during the past week has fallen off a great deal in comparison with last week, that is, in the general store trade. There is a fair quantity of funeral work and a number of wedding and social functions in the West End, but the down town florists got very little of this kind of work. The stock of flowers is fully equal to the

demand, and the quality of the stock is still improving. Everything is getting a trifle better. A few fancy roses have advanced in price but the bulk of them go at any old price. Select Beauties, and some very fine ones, were seen last week, sold at \$3 per dozen. Choice Carnots sell well at \$6 per 100. Plenty of choice chrysanthemums are in the market and the decorations in the store windows are really fine. Good flowers with long stems brought \$12.50 per 100; quite a few extra choice blooms have been sold at \$25 per 100. Carnations are still \$1 per 100 for the average stock and \$2 for select grades. Good double violets are scarce at \$1 per 100; poor ones go at 50 cents. Californias are 50 cents and small single 25 cents. Smilax is very fine and sells at \$12.50 per 100 strings.

Herman G. Ude, the carnation grower at Kirkwood, has a very fine white seedling which he will have on exhibition at the show next week. He has named it Dr. Enno Sander, who is a lover of fine carnations.

At this writing the florists are bringing load after load of show plants into the great Coliseum, and preparations are going ahead for our grand opening Tuesday night, and from the looks of things now the space will be too small for all the exhibits, and by the time this issue is in the hands of our readers the show will be in full blast. But we will not be able to say anything in this issue of the opening, and the full list of premiums will be published in the next issue of The Review. J. J. B.

WHITE MARSH, MD.—R. Vincent, Jr., & Son have built two houses, each 25x100, and are now building another one, 25x165, especially for early vegetable plants, such as tomato, egg, pepper, etc.

AT THE HUB.

A visit to Boston is always interesting. Memories of that tea episode some years ago, before the "Liberty" rose was known and when American liberty itself was young—the monument on Mr. Bunker's "Hill," the "Common," and the narrow winding streets, the parks, the wonderfully expensive subway, the old elms, the beautiful suburbs and the many distinguished horticulturists of national fame one meets here, all combine to make one wish his duties or privileges would bring him hither once a month instead of once a year.

Best of all from our standpoint, it was the week of the "Flower Show," and for once I saw something of an eastern exhibition and had the opportunity to compare it with your efforts in the western metropolis. "With fear and trembling" I must assert that you "take the cake." The two last mum shows I have seen in Chicago overshadow the efforts of this learned center by a large majority. You may not have larger mums but you do things on a larger scale.

With a conservative and proverbial pride these Hubbites have used the same old building for the past hundred years—more or less—for this Massachusetts Horticultural Society was born over 70 years ago!

And their modest building, in the very center of this sinuous city has grown in value until now it is held at \$800,000, and will soon be sold, for already the land has been bought and nearly a quarter of a million dollars paid for it, and on this site in the "Back Bay" section and close to the great public library will be built in 1900 the finest and most complete horticultural building in the world. Land and building together will absorb half a million dollars, and then there will be a comfortable surplus!

[Continued page 628.]

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Young single man for florist, must be sober and industrious, state experience and wages wanted. Wm. B. Lovell, Sabula, Iowa.

WANTED—Reliable single man to take charge of six rose houses, \$22.00 a month, board and room. Address Morton Grove Greenhouses, Morton Grove, Ill.

Wanted—A small second-hand Hot Water Heater at once, answer quick, describing kind and lowest price on same on board cars.

Address T. M. F., Box 126, BEAVER, PA.

Mention The Review when you write.

FOR SALE AT A BARGAIN.

Small FRUIT AND POULTRY FARM of 20 acres. 7 acres in asparagus, pie plant, strawberries, raspberries, blackberries, cherries, plums, all in splendid condition; also 30 large bearing apple trees. Large house, barn, poultry house, windmill, tank, greenhouse, 3 wells, excellent water, fine shade trees; within two blocks of limits, city of 5,000.

Address F. W. CUSTER, PONTIAC, ILL.

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Send in your order now for a copy of the Florists' Manual.

CHRYSANTHEMUMS.

The Most Complete
Collection in America.....
Nearly 400 Varieties.

Our catalogue for 1900 will contain all the leading Novelties, as well as the best standard varieties.....
Catalogue ready early in January.

.....Correspondence Solicited.....

Nathan Smith & Son, Adrian, Mich.

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Cypress Greenhouse Material.

We are the pioneers in Clear Cypress Greenhouse Material. We discovered that Cypress is better than any other wood for greenhouses from top of posts up and we introduced it, and fought for it against many prejudices, and finally succeeded in bringing it into general use.

Others have attempted to follow where we lead, others are trying to reap what we sowed, but we have the experience and are recognized as experts in greenhouse construction.

Write for Circulars
or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

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Situation Wanted

By a thoroughly practical Gardener and Florist, most successful propagator and grower, capable of making a specialty of anything in the trade; qualified to take the management of laying out new place, the formation of lawns, roads, etc. Good references.

Address A. A., care of Florists' Review.

FOR SALE.

Our stock of Field, Flower and Vegetable Seeds; Fixtures, Wagons, Teams, good will, etc. Located at No. 114 North Market Street, Nashville, Tenn. Business established eleven years, and paying. Also Residence, with 10½ acres, two miles south of this city. Place is in best of condition. Two Wells, Gasoline Engine, Water Tanks, three Greenhouses, eleven Hot Beds, 24 to 70 feet long, with sash. Two Stables, Servant's Room, Henery, Coid and Feed Rooms, all in good order. Water piped pretty well over the place. It will take \$20,000 to buy the place and business, which ought to go together. If interested write or make inquiries. Will sell either business or residence separately. FRITH & CO.

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**Verbena King.**

The largest Verbena grower in the world.

A new Verbena, Ernest Humfeld, the grandest striped Verbena that was ever introduced—ready Jan. 15th, 2-m., 50¢ per 100. We again challenge the world to produce any finer mammoth varieties of Verbenas than we have to offer this coming season. We also guarantee satisfaction in every way.

We benched twice the amount this season and therefore we will be able to fill all orders at the following prices: 60¢ per 100, \$5.50 per 1000, 5000 for \$25.00, 10,000 for \$45.00, 25,000 for \$100.00.

All true to name. We pay the Express. Ready Nov. 20th.

C. HUMFELD, Clay Center, Kans.

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WANTED—A few old plants of.....
Madame Sollerai Geranium for stock plants.
Z. K. JEWETT & CO., Sparta, Wis.

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Are You Ready For the Christmas Rush?



HIS YEAR'S BUSINESS WILL BREAK THE RECORD. Look your stock over; don't wait until the week before. Now is the time. We have a full line of everything, the best in Florists' Supplies, which only awaits your order and selection to suit the special demands of your trade. You will need Immortelles--our special "Holly Red" is the correct color. Get a case at once and work them up. Don't forget the Moss Wreaths; they are great sellers when dotted thickly with Red Immortelles.

Increase your line of Pot Covers. They are sure to go with the plants at Christmas.

Have you tried Plant Baskets? Fill a pot for your holiday trade, tie a cluster of flowers on the handle with ribbon, and you will be surprised how they will sell. They were the special feature last Christmas in the large cities.

Try a few of our Violet Hampers; they will go quickly.

Keep up your stock of Wheat Sheaves. Our Sheaves are the standard the country over. Also White Immortelles, Cape Flowers, Doves, Prepared Palm Leaves; all these you need every day.

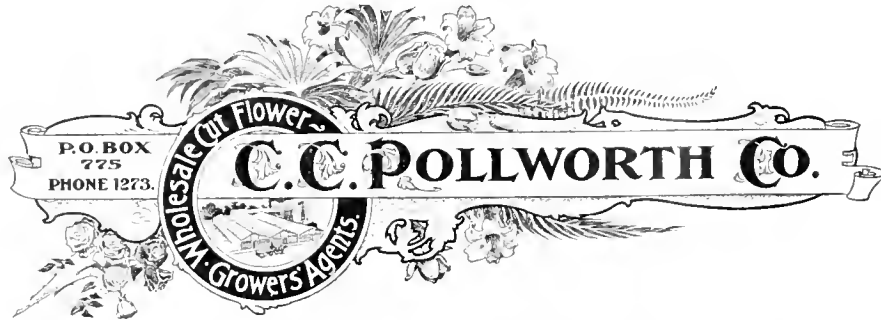
No matter what you need in our line we can supply you as our catalogue will show; to be had for the asking.

M. RICE & CO.

Manufacturers and
Importers of Florists' Supplies,

918 Filbert Street, PHILADELPHIA, PA.

We beg to advise our friends and customers that the business formerly known as Ellis & Pollworth will now be conducted under the name of



Our line of Florists' Supplies is not excelled in the west....



**Palms, Ferns, Wire Work,
Red Flower Pots and
Improved Cut Flower Boxes** are our leading specialties.

Place orders now for GREEN AND HOLLY for the Holidays.

Address all correspondence and orders and make all checks, money orders, etc., payable to

C. C. POLLWORTH CO., Milwaukee, Wis.

This mum show is but one of many. Every Saturday there is an exhibit horticultural. Every year over \$8,000 in prizes are dispensed.

They tell me this has been the equal of any flower show ever held in Boston, and the attendance has been "the best for ten years." One peculiar feature of the show was the absence of any of the handiwork of the retail florist, and stranger yet to me the indifference shown and the complete absence of any members of this most important department of the business. I did not see a retail florist in the hall during the entire exhibition. There were no competitors in table and mantel decorations, no bouquets, no floral design work, no vases even of artistically arranged flowers, and yet this is the wealthiest horticultural society in America.

The exhibit of large plants was the finest I have ever seen. Our own E. M. Wood carried away many of the honors, but the Harvard Botanic Gardens, Mrs. B. P. Cheney, Jason S. Bailey, C. H. Souther, Morris F. Comley and Col. Chas. Pfaff were much in evidence and the talented gardeners of these wealthy patrons deserved the credit they received.

For effective grouping of palms and mums Mrs. Jack Gardner won the highest commendation. W. W. Edgar, of Waverly, had a splendid group of the Begonia Gloire de Lorraine; Lager & Hurrell, of Summit, N. J., were the

[Continued page 630.]

Jadoo

A florist writes us....

"I used Jadoo Fibre in planting Roses and cuttings, and find that the cuttings root in less time than in earth or sand, and with less trouble. In transplanting Roses I washed the roots clean of all earth and wrapped the roots well in Jadoo, and then filled in with a compost of $\frac{1}{2}$ Jadoo and $\frac{2}{3}$ earth well mixed together, and the plants never lost a leaf, and they seemed to get established at once.

"The Liquid I used once a week on all plants, and found that the plants are of better color; also the flowers.

"I think very favorably of them, as they are clean to handle and free from odor."

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817 Fairmount Ave.,

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Send for our new price list and catalog.

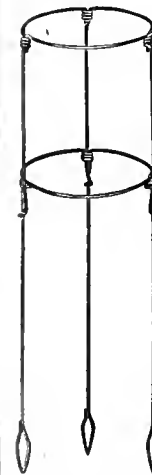
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Always Mention the....

Florists' Review

When Writing Advertisers.

The Model EXTENSION CARNATION SUPPORT.



Lancaster, Pa., June 17, 1899.
MR. THERON PARKER,
Brooklyn, N. Y.

Dear Sir:—Your Model Carnation Support is all right in every way and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best on the market, and if your other specialties are equally as good, they should make another addition to the money-makers of 1900.

Respectfully,
ALBERT M. HERR.

Flatbush, Brooklyn, N. Y.,
Feb. 18, 1897.

MR. THERON PARKER,
Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support.

Yours truly,
DALLEDOUZE BROS.

W. Hoboken, N. J., Feb. 18, 1897.
MR. THERON PARKER.

Dear Sir:—It gives me much pleasure to congratulate you upon your success in getting up carnation supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for a long time. Wishing you every success in the sale of them, I am,

Yours truly, E. ASMUS.

Straight Galvanized Steel Rose Stakes

At Lowest Prices.

Write for Prices, Circulars and Special Discounts for early orders.

The Model Plant Stake Co.

THERON PARKER, Mgr., Inventor and Patentee.
226 North 9th Street, BROOKLYN, N. Y.

NOW READY FOR DELIVERY.

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MANUAL
by
WILLIAM SCOTT

A whole library for commercial florists in one volume.
A practical, useful and thoroughly up-to-date reference book
for the trade.

200 articles -- 224 illustrations.

Price, \$5.00, Carriage Prepaid.

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.....CHICAGO.

HYDRANGEAS

For the want of room to store, we offer the following Hydrangeas in good, shapely, field-grown plants, suitable for 6-inch pots, at special low prices:

- | | | |
|---|----------------------|----------------------|
| Otaksa , 3 to 4 leads, | } \$2.00
per doz. | |
| Otaksa Monstrosa , 3 to 4 leads, | | \$15.00
per 100 |
| Thomas Hogg , 4 to 6 leads, | | \$125.00
per 1000 |

Violet LA FRANCE...

We have still a good supply of strong, field-grown plants of this the best of all single varieties, and to close out we offer strong clumps:

\$1.25 per doz.; \$10.00 per 100; \$90.00 per 1000.

HENRY A. DREER,

714 Chestnut Street, PHILADELPHIA.

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La France Violet.

PETUNIA

Is a good money-maker. I have the best mixture in the United States today,



consisting of 10 varieties of Dreer's, 2 varieties from Australia, 9 varieties from France, 4 varieties from Germany, 5 varieties from England—the 30 varieties all mixed together, 2 1/4-in. pots, \$2.00 per 100; \$15.00 per 1000.

ALSO

69 varieties of Geraniums, all mixed together for retail trade, 2 1/4-in., \$1.50 per 100.

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THE REGAN ... PRINTING HOUSE ...

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Mention The Review when you write.

We are now gathering our new

Sphagnum Moss

for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.

Z. K. JEWETT & CO., SPARTA, WIS.

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Chinese Sacred Lilies

Splendid Large Bulbs,
\$4.00 per basket of 100.

Finest Lily of the Valley Pips

Send for quotations.

J. M. THORBURN & CO.

(Late of 15 John Street)

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Mention The Review when you write.

Choice Plants for Autumn Sales.

JOHN H. LEY,

Good Hope, Washington, D. C.

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| Asparagus P. Nanus, 5-in. pots | doz. | \$3.00 |
| Ferns, 30 new and choice sorts, 4-in. pots | 100 | 10.00 |
| " 10 choice sorts, 2-in. pots | " | 4.00 |
| Nephrolepis Washingtoniensis, the finest new Fern this year, 4-in. pots | doz. | 3.00 |
| Adiantum Hybridum, new, elegant, 8-in., each | 1.00 | |
| " Cuneatum, extra large, 4-in. pots | 100 | 10.00 |
| Crotons, 12 finest sorts, colors fine, 4-in., doz. | 1.00 | |
| Peperomia Arifolia and Argyreia, 3-in., | doz. | .50 |
| Selaginella Africana, fine blue and others, 3-in. pots | doz. | .50 |
| Ferns, from flats, nice little plants for small pots, 10 sorts, 100 free by mail | | 1.25 |
- Careful packing. Cash with order. Plants gratis.

Mention The Review when you write.

only orchid exhibitors and their fine labiatis and seedling cattleyas attracted much attention.

Ernest Asmus was awarded the silver medal for a vase of his grand new rose "Liberty," and John Cook, of Baltimore, was mentioned honorably for his exhibit of the new rose "Baltimore." J. E. Coburn, of Everett, was the only pansy expert, and his showing was very creditable.

Wm. Nicholson, of South Framingham, and M. A. Patten, of Tewksbury, had their usual display of fancy carnations, and that is saying enough, for their handiwork cannot be excelled. Messrs. E. A. and M. S. Doran, of Lexington, displayed native ferns and evergreens.

Of the mums, the finest cut blooms were William Chadwick, Golden Wedding, Mrs. Jerome Jones, Maud Dean, Major Bonnaffon and Peter Kay.

The attendance of "visiting florists" was not excessive from surrounding cities. There were no bowling contests nor banquets. But wait until next year when the new building is open. Then the concentrated ambitions and good intentions of all the years will have opportunity and we shall see what we shall see.

The local florists are happy not alone in anticipation, but already, with the advent of colder weather business is booming and everyone seems satisfied and hopeful.

COLORADO SPRINGS, COLO.

We deeply regret to announce the death of Oscar Schulz, of the firm of Schulz & Smith, Idlewild, Colorado Springs, who departed from us Nov. 2. Interment was at Evergreen Cemetery Nov. 5. Heart failure was the cause of death.

W. C.

Always mention the Florists' Review when writing advertisers.



THE GRAND NEW ROSE... **LIBERTY**

.....ANNOUNCEMENT.....

Owing to the phenomenal sale of Liberty Rose, I can take no more orders for March delivery. My stock for March delivery being all sold, I can only take orders for delivery in April or later. All orders filled strictly in rotation—first come, first served.

Most nearly approached by Meteor in color, but far surpassing that standard variety in brilliancy and purity of color, as well as in size and freedom of bloom; never showing any deformed, black or bull heads, either in winter or summer. A remarkable keeper when cut, keeping its brilliancy of color without turning blue or dropping its petals, as is the case with Gen. Jacqueminot, which it somewhat resembles in size and fragrance.

To be sure of getting the Best Crimson Forcing Rose of the century, and all stock, send your orders at once to the undersigned, or his agents mentioned below.

PRICES ARE AS FOLLOWS:

Own Rooted Stock in 2½-in. pots.		Grafted Plants in 2½-in. pots.	
12 plants	.....\$ .60 each	12 plants	.....\$ .75 each
25 "	......50 "	25 "	......60 "
50 "	......30 "	50 "	......50 "
100 "	......25 "	100 "	......40 "
1000 "	......20 "	1000 "	......35 "

I hereby extend a cordial invitation to all lovers of the Queen of Flowers, to come and see LIBERTY growing.

Satisfactory reference or deposit from all unknown correspondents.

.....AGENTS.....

J. C. VAUGHAN, Chicago, Ill. J. N. MAY, Summit, N. J.
F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

E. G. ASMUS, WEST HOBOKEN, N. J.

Mention The Review when you write.

Telephone...
...Harrison 85

Estimates Furnished on Application.
Work Delivered when Ordered.
Forms Called for and Delivered.

**THE REGAN
PRINTING HOUSE**

Day and Night
Pressrooms

87-91 Plymouth Place
CHICAGO.

NARCISSUS, \$4.00 PER 100.

SMILAX, 15c.

"IF IT'S FROM K. BROS. CO

KENNICOTT

42 and 44 E. Randolph

Thanksgiving

BE A K. BROS. CUSTOMER

K. Bros. Co. customers are legion—they get the best values that money can secure—they get a service intelligent, painstaking and particular. Their wishes and demands are respected to the very utmost minutiae.

GHRYSAN

For all. Small, Large and Extra Fancy. Prices

Roses!

CHOICE, MEDIUM and HIGH GRADE. EXTRA SELECT BRIDE, BRIDESMAIDS, METEORS, PERLES, \$3.00 to \$5.00. OUR SELECTION, \$2.50 per 100.

Garnations!

OUR SELECTION, \$1.00. GOOD, MEDIUM AND FANCY, \$1.50 to \$2.50.

NARCISSUS

\$4.00 per 100.

SPRENGERII

35c to 75c a bunch.

HARRISII

\$1.50 per doz.

Am. Beauty, Short, 75c to \$1.00

Am. Beauty, Medium, \$1.50 to \$2.00

LEUC
\$1.00

ASPAR
40c to 60c

GALAX,
20c per 100 per

WIRE WORK—DON'T FORGET WE DISCOUNT ANY PRICE LIST. HARRISII, \$1.50 PER DOZ.

KRICK'S LETTERS, \$2.50 PER 100.

FULL LINE FLORISTS' SUPPLIES.

HARRISII

...R'S GOOD."

SPRENGERII, 35c to 75c A BUNCH.

ADIANTUM, 75c to \$1.00.

K. BROS. CO.

St., CHICAGO, ILL.

...R AND BE SATISFIED.

Fall Supplies

We Will Meet Any Price Quoted Anywhere by Anybody, Quality always considered—that's the K. Bros. proposition, it rings out true, it is made in good faith, there's no ambiguity about it, and it is carried out to the letter all the time.

THE MUMS

suit, 6c to 30c. Name price of stock wanted.

...HOE

100.

...AGUS

String.

...REEN

\$1.50

0.

Violets!

LADY CAMPBELL, FARQUHAR AND MARIE LOUISE. ALL CHOICE, NEVER BETTER, \$1.00 to \$1.50.

Valley!

The Best. \$4.00 to \$5.00.

HARDY FERNS

\$2.00 per 1000, 25c per 100.

SMILAX

15c.

ADIANTUM

75c to \$1.00.

Am. Beauty, ^{Choice,} \$3.00

Am. Beauty, ^{Fancy,} \$3.50 to \$4.00

... FERNS, \$2.00 PER 1000.

SPRENGERII, 35c to 75c A BUNCH.

SMILAX, 15c.

OUR PRICES ON WIRE ARE BELOW ALL OTHERS. THE BEST OR NONE FROM US.

TELEGRAPH CODE.

In telegraphing orders to any of the wholesale dealers in cut flowers use the following code:

- Assume**—Do not answer if cannot fill order.
- Abrogate**—In case you cannot fill order, telegraph at once.
- Anticipate**—Answer at once, stating whether you can or cannot fill order.
- Ambition**—If you can only partially fill order, do so, and reply, stating what.
- Admiral**—Order must be sent on train mentioned only.
- Ambulance**—Want all of order filled or none, and prompt answer back.
- Adjacent**—If cannot send on train mentioned, next one will do.
- Affable**—Send prepaid by baggage master, if no express messenger on train.
- Decorate**—If cannot send all on train mentioned, send all you can, and send balance on next train.
- Admission**—This order is a substitute for my regular order.
- Dancing**—If cannot fill order exactly as specified, you may substitute according to your best judgment.
- Answer**—This order is in addition to my regular order.
- Durable**—Colored flowers must not be substituted for white.
- Affection**—Fill if possible, even at extra expense.
- Fabricate**—Flowers ordered are to be re-shipped to a distance, therefore buds must be cut specially close.
- Fortunate**—Select extra stock and charge accord- ingly.
- Devotion**—For cheap work, and can use second- class flowers, if at reduced price.
- Flattery**—If price has advanced since last quota- tion, do not send goods, but telegraph.
- Forgery**—This order countermands all previous orders.
- Formation**—Add these items to the order which you already have, but in case first order is already shipped, cancel this addition.
- Flamingo**—We are in a bad pinch; send us some- thing to help us out, even if of poor quality.
- Flocking**—Have sent mail orders; if not yet re- ceived, send following at once, and cancel mail or- der when received.
- Foraging**—This order includes all items previously ordered and wanted for this date.
- Superior**—Can use something especially fine, and am willing to pay accordingly.
- Skip**—If you are out, buy the best you can; we ac- cept risk of getting "pickled" stock.
- Corporal**—If cannot send on night train, morning train will do.

THE CODE BELOW WILL BE USED IN ANSWERING YOU, WHEN NECESSARY.

- Elope**—Cannot fill your order to-day. Stock is scarce. Have tried to buy at other houses for you.
- Lecture**—Our store was closed yesterday when your telegram came. Received it this morning. Will ship by first train to-day, unless countermanded at once.
- Willow**—Cannot ship on train mentioned. Will send on next train possible to-day.
- Eclipse**—Will send part of your order. Balance scarce. Cannot get it at any price to-day.
- Artistic**—Cannot fill order to-day, if you want or- der filled (same order) to-morrow, wire us at once.
- Favorite**—Stock very poor, none better to be had. Will ship unless countermanded by..... o'clock.
- Fundament**—Stock named in this telegram has been sent, and balance, unless countermanded by telegram, will be sent on.....

KEEP THE DEALERS POSTED.

Keep the dealer from whom you order flowers fully posted as to the sort of stock for which you have the largest sale. Write him as fully as possible when you have time to devote to the matter. Keep him fully advised as to the needs of your trade. He will then know much better how to fill your telegraphic orders. He will know whether to send you the best in the market at the top price or to send you a fair grade at a more moderate price. The dealer is anxious to please you but often his information is meagre. Make this information as full as possible by mail and your telegraphic orders will be filled more to your satisfaction.

McKELLAR & WINTERSON,

Wholesale Florists,

45-47-49 Wabash Avenue.

CHICAGO.

OUR SPECIALTIES

We have the
LARGEST WHOLESALE
House in Chicago.

Orchids, High-Grade Roses,
Carnations and Violets.

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of
and Dealers in CUT FLOWERS

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

W. E. LYNCH

Wholesale Florist,

19-21 E. Randolph St. CHICAGO.

Mention The Review when you write.

A. L. RANDALL

Telephone
1496



Wholesale Florist

4 Washington St., Chicago.

In our new and enlarged quarters we are better prepared than ever to handle your orders.

Mention The Review when you write.

WHOLESALE DEALER IN
GROWER OF ROSES. CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO
Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

KUHL, PEKIN, ILL.

Now Ready to Fill Orders for

Roses, Carnations, Mums, Smilax,
Ferns and Asparagus. Write him.

Get Orders in Early for Thanksgiving.

Mention The Review when you write.

WIETOR BROS.

Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

C. A. KUEHN

WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.



H. Berning

WHOLESALE FLORIST,

1322 Pine Street,
ST. LOUIS, MO.

Mention The Review when you write.

ELLISON & TESSON,

WHOLESALE SHIPPING

FLORISTS

3134 Olive Street, ST. LOUIS, MO

...Home Grown Stock...

Mention the Review when you write.

Cincinnati Cut Flower Co.

W. A. MANN,
FRANK W. BALL

416 Walnut St. Wholesale Florists
CINCINNATI, O.

Consignments Solicited.
Special Attention Given to Shipping Orders.

Mention The Review when you write.

WE WOULD LIKE very much to have a complete and accurate list of the names and addresses of the florists of America and to this end will ask each subscriber to kindly send us an accurate list of those in the trade in his or her city or town. By complying with this request you will confer a great favor on the publishers.

BASSETT & WASHBURN

AM. BEAUTIES,
BRIDES,
BRIDESMAIDS,
METEORS,
PERLES,
KAISERIN,
ASPARAGUS,
SMILAX,
ADIANTUM,
VALLEY,
ASP. SPRENGERI.

THANKSGIVING FLOWERS

Chrysanthemums, Per dozen
Extra Large, all colors, \$1.50 to \$2.00
Chrysanthemums,
Medium, all colors, \$1.00
Chrysanthemums,
Small, all colors, \$.75

FANCYCARNATIONS....

FLORA HILL,
MARY WOOD,
WHITE CLOUD,
TRIUMPH,
MRS. BRADT,
GOLD NUGGET,
CRANE,
AMERICA,
FRANCES JOOST,
CERISE QUEEN.

Common Carnations.

We grow all our stock and guarantee it for quality and freshness. Our Thanksgiving Price List will be issued on the 20th. Write for a copy and buy direct from the growers.

BASSETT & WASHBURN, 76 & 78 Wabash Av., CHICAGO.
GREENHOUSES, HINSDALE, ILL.

Mention The Review when you write.

20TH CENTURY VERBENAS

Thirty-two grand mammoth varieties, including the new Capt. Dreyfus, Helen Gould, Melba and many others. This is the set that will make the money for the retail florist in the year 1900. Strong, 2-inch pot plants ready Nov. 10th, \$2 per 100; rooted cuttings, 60c per 100; \$5 per 1000.

NEW DBL. FRINGED PETUNIAS. Henderson's and Dreer's latest set, known the world over as the standard of perfection; strong rooted cuttings Nov. 10th, \$1 per 100; 2-inch pot plants, \$2 per 100.

20,000 SEEDLING SMILAX now ready for immediate delivery, 50c per 100; \$4 per 1000, free by mail.

PRINCESS PAULINE AGERATUM, the great novelty of '98, the only one to grow; rooted cuttings now ready, \$1 per 100; strong, 2-inch pot plants, 50c per doz., \$2 per 100.

1000 BRIDESMAID ROSES, 2 1/2 and 3-in. \$2.50 per 100 to close out. Cash with order.

Our wholesale price list now ready. Send for it.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

Mention The Review when you write.

CABBAGE PLANTS Field grown, 15c per 100, \$1.00 per 1000; if by mail, add 10c per 100. Write for prices on large lots for fall planting.

Lettuce. Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, field grown, 15c per 100; \$1.00 per 1000. If by mail, add 10c per 100.

Parsley. Strong plants, \$1.50 per 1000. \$12.50 per 10,000.

Other Vegetable plants in season. Cash with order.

R. VINCENT, Jr. & SON, White Marsh, Md.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

GERANIUM NOVELTIES FOR 1900

THE FINEST COLLECTION IN AMERICA.

A Set of Selected Double Bedders.

A Set of Selected Single Bedders.

A Set of Selected Fancy Doubles.

A Set of Selected Mammoth Fancy Singles.

A Striking Set of Ivy Leaved Varieties.

A Full Line of the Introductions of 1899 in all the above sections.

A Full Line of Selected Standard Bedders.

If you wish to be with the leaders in bedding plants order your stock from

C. W. WARD, Manager.

THE COTTAGE GARDENS, Queens, L. I., N. Y.

Mention The Review when you write.

Burpee's Seeds Grow

REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of WIRE & DESIGNS
and Dealers in

..... FLORISTS' & SUPPLIES

Edmund M. Wood & Co.

NATICK, MASS.

Sole control of

...LIBERTY ROSE...

for New England States.

E. H. HUNT
 THE "OLD RELIABLE" FOR
Wholesale
Cut Flowers
 Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
 Mention The Review when you write.

WASHINGTON.

Trade in general has been unusually good the past week. The demand for fine grade of all kinds of stock is increasing and prices accordingly. Mums of all kinds are plentiful, but the top price for the finest is 12 1-2 cents. Large quantities of the smaller size are sold, those that can be retailed at from 25 to 50 cents per dozen. Roses are particularly fine this season and bring 6 cents. Carnations 1 1-2 to 2 cents. Violets, although extra fine, are a drug on the market and only bring from 30 to 40 cents. Pot plants sell well this season.

The American Rose Co. have nearly completed their large carnation house, size 250 by 60.

The stores of Small & Sons and Lynch Bros. have been thronged by thousands of visitors this past week to see their annual mum show. Both firms deserve great praise for their tastefully arranged displays.

The coming week F. W. Bolgiano, our Fourteenth street florist and seedsman, will have his annual show, which promises to be something fine. The flower department of the firm is managed by Mr. Elmer Mayberry.

Mr. Grendon of Williamsport, Pa., passed through here on a week's hunting trip through Virginia. Rice & Co. were represented here this week.

F. H. KRAMER.

ETHEL CROCKER.

Absolutely the best pink Carnation ever offered the trade. Grown equally successfully by Hill, Craig, and myself, you are not buying it on a venture, but knowing that it is not a success in one soil and a failure in another.

In color, size, fragrance and stem it is just what the "storeman" want. In habit, constitution and freedom of bloom it is just what the grower wants, never out of crop from Sept. to July more flowers to the square foot than any other known variety and practically no seconds.

With 15,000 stock plants to work from there is no danger of over propagation, and you are not asked to wait until planting out time for your cuttings but can have them whenever wanted. Orders entrusted to me will have my personal attention, both in the selection of the cuttings and the filing of the order.

Price per 100, \$10.00; per 25, \$2.50; per 1000, \$75.00; per 250, \$18.75. Herr's Fancies at \$4.00 now, and a regular assortment of Carnations in a list ready Jan. 1st. ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

Always Mention the...
Florists' Review
 When Writing Advertisers.

REINBERG BROS.
 Wholesale Growers of
Cut Flowers
 Wholesale Price List.
AMERICAN BEAUTY
 Extra long stem.... per doz. \$3.00 to \$4.00
 24 " " " 2.50
 20 " " " 2.00
 15 " " " 1.50
 10 " " " 1.00
 Short " " " .75
METEOR..... per 100, 4.00 to \$6.00
BEIDESMAID..... " 4.00 to 6.00
BRIDE..... " 4.00 to 6.00
LA FRANCE..... " 5.00 to 6.00
PELLE..... " 3.00 to 4.00
KAISERIN..... " 4.00 to 6.00
GOLDEN GATE..... " 6.00 to 8.00
CARNATIONS, ordinary " 1.50
 " fancy " 2.00 to 3.00
MUMS, FANCY..... per doz., 2.00 to 3.00
 " ordinary " 1.00 to 1.50
 870,000 FEET OF GLASS.
 No charge for packing.

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine...
AMERICAN BEAUTIES.
51 Wabash Ave., CHICAGO

Quotations subject to change without notice. All other stock at lowest market prices.
 We close at 6:30 p. m. Sundays and Holidays at noon.

Mention The Review when you write.

THOMAS YOUNG, JR.
 43 West 28th Street, New York.
..WHOLESALE FLORIST..
 Mention The Review when you write.



COAL! COAL!

Is a good thing for a florist to have, and so is a choice selected stock of

COLEUS!

20 New Ones.

- | | | |
|----------------|-----------------|-----------------|
| Dr. Nelson, | 2 1/2-in. pots. | Dr. Matterson, |
| Dr. Anderson, | The | Dr. Carlson, |
| Dr. Erickson, | 20 Drs. for | Dr. Wilson, |
| Dr. Peterson, | \$1.00. | Dr. Thompson, |
| Dr. Stevenson, | | Dr. Davidson, |
| Dr. Osmanson, | Per hundred, | Dr. Siverson, |
| Dr. Emerson, | \$4.00. | Dr. Williamson, |
| Dr. Olson, | | Dr. Jackson, |
| Dr. Johnson, | | Dr. Koutson, |
| Dr. Pattison, | | Dr. Furgeson. |

Also 20 of the best standard bedders, named, 2 1/2-in., \$1.50 per 100; \$10.00 per 1000.

H. STEVENSON, MORRIS, ILL.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

FANCY CUT.....
SMILAX
 IN ANY QUANTITY.
 Orders booked for
 ...THANKSGIVING AND XMAS...
GEO. L. MILLER,
 NEWARK, O.
 Mention The Review when you write.
CHRISTMAS GREENS.

Laurel Wreathing, 5c yd.; Ground Pine Wreaths, with immortelle flowers worked in, \$1.50 a dozen; Holly Wreaths, \$1.50 doz.; Ground Pine or Bouquet Green Wreathing, 4c yd.; Evergreen Wreathing, 3 1/2c yd.; Laurel Wreaths, 10c each; also Mistletoe, Hardy Ferns, Palm Leaves, Wild Smilax, low, 10 per cent discount on all orders received before Dec. 1st. My Greens are A No. 1.

J. A. KEENEY, Monongahela City, Pa.
 Will make up any kinds of Greens to suit you.
 Mention The Review when you write.

McKellar & Winterson, WHOLESALE FLORISTS,

45, 47, 49 Wabash Avenue,

WE HAVE THE
LARGEST WHOLESALE HOUSE
IN CHICAGO.

CHICAGO, ILL.

THANKSGIVING SPECIALTIES

Our stock for Thanksgiving Trade will comprise the best varieties MUMS, Roses, Carnations, Select VIOLETS, Valley, Orchids, Romans, Narcissus, Mignonette. Right prices. ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀

.....On **Wild Smilax** We are Headquarters.

Plenty Asparagus, Smilax, Adiantum, Galax Leaves, both Green and Bronze.

SHOULD YOU NOT RECEIVE OUR PRICE LIST, WRITE US.

Now IS THE TIME TO ORDER YOUR SUPPLY OF **Xmas Goods**

.....On **HOLLY and GREEN** We will meet the Quotations of any Reputable Western House.

CYCLAMEN PLANTS
Positively None Better.
NOW READY, to be shipped direct from Greenhouses.

3-inch pots.....	per 100	\$ 8.00
4 " " " " " " " "	"	12.00
5 " " " " " " " "	"	25.00
6 " " " " " " " "	"	50.00

We can supply you now with Strictly Fresh Stock of all the following goods:

- Cape Flowers, Vases, Ribbons,
- Immortelles, Wheat Sheaves,
- Pampas Plumes, Doves, Tin Foil,
- Fairy Flowers, Toothpicks,
- Sheet Moss, Baskets,
- Sphagnum Moss, Bouquet Pins.

When You Need Goods that can be Relied Upon, Send Us Your Orders.

McKELLAR & WINTERSON....CHICAGO.

SAMUEL S. PENNOCK, Wholesale

Florist

Until further notice, will be open from
6:00 a. m., to 11.00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

PITTSBURG.

Market conditions are a little better now, mums coming in more freely and are of better quality. Beauties are none too plenty, but other roses are, especially the lower grades. Carnations sell well at \$1.00 and \$2.00 per 100.

Randolph & McClements gave an opening Saturday, Nov. 4. Their new store is much larger than their old one, is equipped in a first-class manner, and in every way is in keeping with their class of trade.

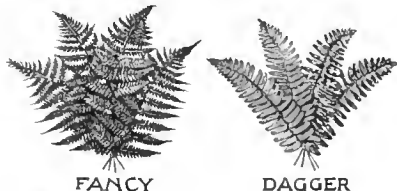
Allegheny market is full of mums. W. F. Lauch, Carrick, Pa., is sending in some grand mums and carnations.

John Bader, Henry Blind and F. Burki are taking in the mum show at Philadelphia.

The Florists' Club met Thursday evening, Nov. 9, at the Pittsburg Cut Flower Co.'s store and a committee was appointed to arrange for some sort of an entertainment.

The chrysanthemum show in Phipps conservatory, Schenley Park, has been the center of attraction. Supt. William Falconer said that fully 20,000 persons went through the conservatory during the day. He said that it was the greatest crowd that ever visited the place in one day. The big record of attendance of the annual Easter flower shows the past seasons was broken. Some of the attendants in various parts of the conservatory said that in their opinion the attendance was nearer 25,000 than 20,000. BAER.

SINCE the completion of his work on the Florists' Manual, Mr. Wm. Scott has been enjoying a well earned holiday, and accompanied by his wife has visited a number of Atlantic coast cities. He returns to Buffalo this Thursday, and his familiar and valued Miscellaneous Seasonable Hints will be resumed in next week's issue.



HARDY CUT FERNS

In 1000 lots, \$1 per M. Discount on larger orders. Also dealer in Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.

L. B. BRAGUE, - Hinsdale, Mass.
Mention The Review when you write.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 705 Penn Avenue, PITTSBURG, PA.
FLORISTS' SUPPLIES. Write for Price List.
Mention The Review when you write.

Asparagus Plumosus

Strings 10 feet long. 50 cents. **Nanus** Shipped to any part of the country.

W. H. ELLIOTT, BRIGHTON, MASS.

Mention The Review when you write.

Green Galax, New Crop Now Ready. Finest Bronze, From Cold Storage.

For Prices address the Introducer. **HARLAN P. KELSEY, 1106 Tremont Building, - - - BOSTON, MASS.**
Mention The Review when you write.

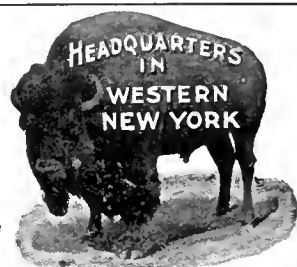
Real Estate,

Land with or without Greenhouses in different parts of the United States. **BARGAINS can be had and opportunities opened for profit. Write for particulars and state your requirements.**

SMITH & SMITH,

345 Sixth Ave., PITTSBURG, PA. Brokers in Real Estate, Glass, Pipe, Boilers, etc.
Mention The Review when you write.

GIVE US A TRIAL. WE CAN PLEASE YOU.



Roses, Carnations and all kinds of Seasonable Flowers in stock.

WM. F. KASTING, Wholesale Commission Florist, 481 Washington St., BUFFALO, N. Y. Also Dealer in Florists' Supplies and Wire Designs.

Mention The Review when you write.

WM. J. BAKER, WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA. Original Headquarters for CARNATIONS. Mention The Review when you write.

Cut Flower Exchange,

404 - 412 East 34th St., New York. NEAR THE FERRY. Open Every Morning at 6 o'clock for the sale of CUT FLOWERS. Wall space for Advertising purposes to Rent. J. DONALDSON, SECRETARY. Mention The Review when you write.

Narcissus-Paper White grandiflora, extra, \$6.75 per 100

DUTCH HYACINTHS, first size, to name	65.00	per 1000
“ “ “ to color	40.00	“
“ “ “ miniature, to name	20.00	“
NARCISSUS Von Sion Mammoth	16.00	“
TULIPS in the best varieties, and extra large bulbs, prices by mail.		
AZALEAS INDICA, in the best market varieties, 10 to 12-inch diameter	35.00	per 100
“ “ “ 12-inch diameter and up	40.00	“
RHODODENDRONS, extra fine, for forcing, small plants	35.00	“
“ “ “ large	60.00	“
SNOWBALLS (Viburnum) for forcing	35.00	“
LILACS, Charles X. and Marie Legraye	45.00	“
CRIMSON RAMBLER ROSES, extra strong	25.00	“
HYBR. ROSES, low budded, \$10.00 per 100	75.00	per 1000

Prices on all other Bulbs and Plants cheerfully given. **F. W. O. SCHMITZ, Jersey City, N. J.**
Mention The Review when you write.

Bentley & Co.

F. F. BENTLEY, Manager.

WHOLESALE
and COMMISSION

FLORISTS

41 Randolph St.,
CHICAGO.

CONSIGNMENTS SOLICITED.

PRICE LIST THIS WEEK.

American Beauties, extras.....per doz., \$3.00 to \$4.00	Carnations, best long .....per 100, \$1.00 to \$1.50
“ “ long “ 2.50 to 3.00	Violets “ .75 to 1.00
“ “ medium “ 1.50 to 2.00	Valley “ 4.00 to 5.00
Meteors, extras .....per 100, 5.00	MUMS., all leading sorts, extras,
“ At “ 3.00 to 4.00	per doz., 2.50 to 3.00
Brides and Maids, extras..... “ 5.00	“ fine stock “ 1.50 to 2.00
“ “ At “ 3.00 to 4.00	Smilax .....per 100, 12.00 to 15.00
Perles “ 3.00 to 4.00	Adiantum “ .75
Carnations, fancy “ 2.00 to 3.00	Common Ferns .....per 1000, 1.50

Above prices subject to change without notice.

SEND US YOUR THANKSGIVING ORDERS EARLY.

We assure you of the most favorable ruling market rates, and early orders will have special attention.

Mention The Review when you write.

15,000 Dracaena
Indivisia, in 2-inch pots,
\$3.00 per 100, \$25.00 per 1000.

Asparagus Plum. Nanus,
in 2-in. pots, \$4.00 per 100, \$35.00 per 1000
in 4-in. pots, \$15.00 per 100
in 6-in. pots, \$20.00 per 100
(Cash, please.)

SEND FOR LIST OF TESTIMONIALS OF OUR
SOIL PULVERIZER,
No. 1, \$5.00; No. 2, \$10.00; No. 3, \$15.00

The Florists' Supply Co.
Box 56,
North Tonawanda, N. Y.
Mention The Review when you write.

PETUNIAS, Double Fringed.
A good assortment of
money makers.
2-inch, \$2.00 per 100; Rooted, \$1.00 per 100
E. I. RAWLINGS, Quakertown, Pa.
Mention The Review when you write.

CYCLAMEN GIGANTEUM SEED.

The finest Giant varieties in choicest mixture - - - per pkt., 200 seeds, \$1.00; half pkt., 50 cents.

CHINESE PRIMROSES, ready for 3's. The finest grown. Single and double, \$2.00 per 100.

The Home of
Primroses.....
JOHN F. RUPP, Shiremanstown, Pa.
Mention The Review when you write.

Delaware Holly of the Best Grade,

from the Swamps, with Bright
Green Foliage and well Berried.

Orders will now be received for shipments which will go forward Freshly Packed
at the proper time. For prices and terms, address.....

MILFORD NURSERIES.....
ALEX. PULLEN, Milford, Del.
Mention The Review when you write.

OAKS 10,000 Pin, Scarlet,
Red, White,
Willow Leaved,
English and Turkey,
4 to 10 feet.

MAPLES 100,000 Norway,
Sugar,
Sycamore and
Silver Leaved,
all sizes.

Catalogues on application. Send estimate of wants for prices.

The Wm. H. Moon Co., Glenwood
Nurseries. **Morrisville, Pa.**
Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers

Always Mention the....
Florists' Review
When Writing Advertisers.

PHILADELPHIA.

Trade has been very good the past week, somewhat better than the previous one.

Prices.

Beauties, \$1 to \$5 per doz.; Brides, Maids and Kaisersins, \$3 to \$5; La France and Perles, \$3 to \$4; Meteors, \$3 to \$6; Gontiers, \$3; Liberty, \$15 to \$20; carnations, \$1 to \$2; chrysanthemums, fancy, \$2.50 per doz., ordinary 75 cents to \$1.50 per doz.; valley, \$3 to \$4, fancy, \$5; violets, double, 75 cents to \$1, single, 25 cents per 100; asparagus, 50 cents; smilax, 15 to 20 cents; cuneatum, \$1.

Various Notes.

During the past week we noticed a vase of the fine new carnation, Ethel Crocker, exhibited in the window of Jos. Kift & Son. The flowers are of a handsome cherry red borne on long, stiff stems and measuring three inches across. It attracted considerable attention.

Messrs. Pennock Bros., 1514 Chestnut street, had a chrysanthemum show of their own on Nov. 6th to the 11th. This was their first venture in a thing of this kind, and it proved quite a success. They exhibited about 1,000 cut mums and 400 pot plants in 16 sorts which made a very handsome display. One of the New York growers who saw the display expressed much surprise, saying it surpassed anything he ever saw in the way of a store exhibit.

Their store window was arranged with a large persimmon tree which gave a beautiful rustic effect. It reminded one of tropical climes, the limbs being thickly covered with Irish moss and small bottles of orchid blooms. Along the front of the window, neatly arranged, were some fine specimen plants of begonia Gloire de Lorraine.

The greenhouse was decorated with palms, specimen mums and cyclamen, with adiantum Farleyense raised above the shorter palms, which made a very striking effect.

Messrs. A. B. Cartledge and L. Pennock, who are the head of the firm, deserve great credit for this exhibition, it being the first of its kind in this city.

Visitors.

The visitors this week were: Mr. Begerow, Newark, N. J.; L. C. Keim, Pottstown, Pa.; C. Henkel, York, Pa.; Mrs. Ellison, St. Louis, Mo.; J. F. McDonough, Newark, N. J.; W. A. Manda, So. Orange, N. J.; W. Scott, Buffalo; J. Bader, Allegheny, Pa.; W. Falconer, Pittsburg, Pa.; Geo. Fancourt, Wilkesbarre, Pa.; E. Daille-douze, Flatbush, N. Y.; E. G. Asmus, Hoboken, N. J.; J. N. May, Summit, N. J.

YOU will surely want a copy of Mr. Scott's great reference book, The Florists' Manual. It is now ready for delivery. Price \$5.00.

Give Us Liberty!

This will be the cry when the plants are all sold.

The demand for the **New Crimson Scarlet Rose LIBERTY** has been so great that the stock for March delivery has been all sold. We are now booking orders for April delivery. All orders filled strictly in rotation. Florists who have not as yet secured their stock should order at once.

OWN ROOT PLANTS, FROM 2 1/2-INCH POIS.

50 Plants or more, and less than 100... 30c each
 100 Plants and up to 1000... 25c each
 1000 Plants and over... \$200.00 per 1000
 3-inch pot plants, 5c each additional.

GRAFTED PLANTS, FROM 2 1/2-INCH POIS.

50 Plants or more, and less than 100... 50c each
 100 Plants and up to 1000... 40c each
 1000 Plants or more... \$350.00 per 1000
 3-inch pot plants, 5c each additional.

BASSETT & WASHBURN, 76 Wabash Ave., Chicago,

Western Agents for **ROBT. SCOTT & SON.**

All orders will be shipped direct from their Greenhouses.

Mention The Review when you write.

Special Sale of PRIM-ROSES



I am overstocked with Primroses and have to make room as soon as possible for other plants. The 2 1/2-in. are fit for 4-in. pots and the 3 1/2-in. are ready for 5 in. pots. All warranted A No. 1 stock.

	Per 100.	Per 1000.
Primula—Chinese Mixed, 2 1/2-in.,	\$1.50	\$12.00
" Obconica, 2 1/2-in.,	1.50	12.00
" Obconica, 3 1/2-in.,	4.00	30.00

A. MITTING, MORRIS, ILL.

Mention The Review when you write.

Perry Watson & Co.

CALIFORNIAN SEED HOUSE

—SPECIALTIES—

Onion Seed	Sweet Peas	Lima Beans
Lettuce	Cosmos	Salt Bush
Celery	Hollyhock	Bromus Grass
Carrot	Verbenas	Bermuda "
Salsity	Asters	Johnson "
Parsnip	Mignonette	etc.
etc.	etc.	

ALL CALIFORNIA GROWN. WHOLESALE ONLY.
SACRAMENTO CALIFORNIA
 Mention The Review when you write.

YOU WANT THE BEST ROOTED CUTTINGS OF

Heliotropes, 75c per 100 Ageratum, 50c per 100
 Coleus, 50c per 100
 Every Cutting a selected cutting. Every Cutting guaranteed. Ready now.

F. R. THORNTON,
 The Cottage Gardens. **MACOMB, ILL.**
 Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

CARNATIONS.....

After Chrysanthemums are thrown out many florists plant Carnations. We have a few thousand plants heeled in cold frames suitable for this purpose. They are first class plants.

Butter Cup.	} \$4.00 per 100	Armizindy.
C. A. Dana.		Daybreak.
Crimson Sport.		Jubilee.
Eldorado.		Meteor.
Mrs. Fisher.		Sweet Brier.
Wm. Scott.		Cap. King.
Mayor Pingree.		Albertini.

J. L. DILLON, - - BLOOMSBURG, PA.

Mention The Review when you write.

Surplus of Field-Grown CARNATIONS

all under shelter in a cool house, Ready for shipping.

MACEO.	GLACIER.
	\$10.00 per 100.
DUHME.	DAYBREAK.
ARGYLE.	EVANSTON.
MARY WOOD.	ARMAZINDY.
	\$5.00 per 100.

F. DORNER & SONS CO.,

LA FAYETTE, IND.

Mention The Review when you write.

CARNATIONS.....

Fine field-grown plants. Hector, large scarlet, Evelina, very free white, \$6.00 per 100. \$50.00 per 100, 500 plants at 1000 rate.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

THRIFTY FIELD CARNATIONS WITH PLenty OF ROOTS.

Send for prices. All the NEW and LEADING varieties.

GEO. HANCOCK & SON,
 GRAND HAVEN, Mich.

Mention The Review when you write.

FIELD GROWN CARNATIONS.

BEST NEW AND STANDARD VARIETIES Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Always mention the Florists' Review when writing advertisers.

Prompt Service

Satisfaction Guaranteed

Careful Packing

A Fair Supply of High Grade Stock



W. S. HEFFRON, MANAGER.

Record of some of our Growers at the Chicago Flower Show.

ROSES...

SOUTH PARK FLORAL CO.,
New Castle, Ind.

- Beauties—1st for best 6 blooms.
- Brides—1st for best 12 blooms.
- Maids—1st for best 12 blooms.

CARNATIONS...

STUART & HAUGH,
Anderson, Ind.

- Daybreak—1st for best 50 blooms.
- Armazindy—1st for best 50 blooms.

CARNATIONS...

Mrs. E. T. GRAVES,
Richmond, Ind.

- Evelina—1st for best 50 blooms.
- Victor—1st for best 50 blooms.

CHRYSANTHEMUMS...

G. TEILMAN, Marion, Ind.

- Major Bonnaffon—1st for best 25 blooms.
- Best Yellow, any variety } 1st for best 25 blooms.
- Viviand-Morel—1st for best 25 blooms.

We are Sole Chicago Agent for E. G. Hill & Co.'s (Richmond, Ind.) Fine Flowers.

Write for Special Quotations on Large Quantities

51 Wabash Ave.

Our Prices Always Right

CHICAGO, ILL.

A NEW SALVIA.

We have received from Messrs. J. M. Thorburn & Co., New York, a handsome colored picture of a new variety of *Salvia splendens* which originated with them and which they have named "Silver Spot." The flowers are very large, of an intensely bright scarlet, and the leaves are rich, soft green, with light sulphur or cream colored spots liberally sprinkled over them. It certainly is a very striking thing, and being offered by such a reliable firm, gives confidence in its merit.

The salvia has been very largely grown by Messrs. Thorburn & Co. and they have given much attention to its improvement. "Bonfire" was one of their introductions and they predict that "Silver Spot" will eclipse that variety in popularity.

ART PRINTING.

Messrs. John Breitmeyer & Sons, Detroit, Mich., issue announcements to their customers several times during the year and on each occasion the printed matter used is of the very highest class.

We have before us their latest in this line and it certainly is a gem. It is an invitation to their tenth annual flower show. The cover is an original design in colors, the central figures being a satyr holding a spray of orchids in his hand and a Japanese maiden holding a chrysanthemum, while other flowers appear as details in the picture. It is a real work of art.

The text is very attractively written, and in addition to the invitation there is given a good deal of interesting information about the curious structure of orchid flowers and the way in which cross fertilization is effected.

CATALOGUES RECEIVED.

A. & G. Rosbach, Pemberton, N. J., wholesale list of plants and rooted cuttings; C. C. Pollworth Co., Milwaukee, Wis., price list of cut flowers; W. K. Nelson, Augusta, Ga., price list of field-grown roses; Kennicott Bros. Co., wholesale cut flowers, bone meal, florists' supplies, etc.; A. M. Herr, Lancaster, Pa., descriptive circular and price list of his new carnation, Ethel Crocker; Barteldes & Co., 1521 15th street, Denver, Colo., wholesale price list of florists' supplies; Bertermann Floral Co., Indianapolis, Ind., a neat announcement of their annual display; E. C. Amling, Chicago, weekly price list of cut flowers, etc.

ELECTRIC HEADLIGHTS.

Once more electricity has taken the place of other illuminants. The Chicago, Burlington and Quincy Railroad has just commenced to equip locomotives with electric headlights. The famous Fast Mail and the Denver Limited travel at such a high rate of speed that a stronger light than the old style has been found necessary to safety.

40,000 'MUMS....

Between Oct. 10 and Christmas we shall market the entire cut of one of the largest growers about Chicago, 40,000 first-class flowers, All in every respect.

...THE VARIETIES...

- PINK**—Glory of Pacific, Maud Dean, Mrs. E. G. Hill.
- YELLOW**—Yellow Queen, Major Bonaffon, Golden Wedding.
- WHITE**—Fee du Champsaur, Mrs. Jerome Jones, Frank Hardy, W. H. Chadwick, Wanamaker, Mayflower, Ivory.

We are exclusively ROSE GROWERS and can supply the best qualities, including American Beauty, at all times.

We are also in a position to fill orders for the most popular varieties of CARNATIONS.

All orders shipped at market prices within two hours of receipt.

J. A. BUDLONG, 37-39 Randolph Street, Chicago.

Mention The Review when you write.

WE OFFER FINE FIELD-GROWN

• ROSES •

American Beauties, La France (White)
La France (Pink), Belle Siebrecht,
 Thrifty Stock, \$15.00 per 100.

- Mme. Jos. Schwartz,
- Mme. Camille,
- Comte de la Barthe,
- Henry M. Stanley,
- Souv. de F. Gaulain,
- Lady Castlenough,
- Mme. Margottin,
- Homer,
- Mme. Cecile Brunner,
- Louise Osterrich,
- Cels Tea,
- Mignonette.
- Empress of China,
- Mme. Schwaller,
- Monte Carlo,
- Mrs. Degraw,
- Elisa Boelle,
- Queen of Scarlet,
- Princess Sagan,
- Chas Ravolth,
- Cath. Mermet,
- Miss Ethel Brownlo,
- Janne d'Or,
- Aurora,
- Comtesse Riza du Parc,
- La Princess Verra,
- Mme. Jean Sisley,
- American Perfection,
- Bougere,
- Grazella,
- Louis de la Rive
- Mme. Etienne,
- Adam Tea,
- Eliza Heyman,
- Pink Bailey,
- Archduke Charles,
- Agrippina,
- Appoline,
- Louis Phillipe,
- James Sprunt,
- Mme. C. Kuster,
- Little Pet,
- Mme. Bosanquet,
- Mme. Lambert,
- Maman Cochet,
- Mosella,
- Jeanne Guillaumez,

\$8.00 per 100.

HYBRID PERPETUALS.

- Vick's Caprice,
- Gen'l Jacqueminot,
- Mme. Plantier,
- Chas. Lefebvre,
- Marie Baumann,
- President Lincoln,
- Glorie de Margottin,
- Boule de Neige,
- Caroline Goodrich,
- Mme. A. Carrier,

\$10.00 per 100.

RAMBLERS, yellow, white and pink, \$6.00 per 100. **1,000 SANGUINEA**, \$4.00 per 100

Also a fine lot of **BOUARDIAS**, prices on application.

NANZ & NEUNER,
 LOUISVILLE, KY.

Mention The Review when you write.



**Forget-
Me-
Not...**

Winter bloomer	..... 2 1/2-inch,	\$2.00
Feverfew, Little Gem	..... "	1.50
" Golden Leaved	..... "	1.50
10 varieties named Begonias	..... "	1.50
Velvet Plant	..... "	1.50
Geraniums, mixed	..... "	1.50
Colcus, 20 varieties, named	..... "	1.50
Hardy Grass Pinks, clumps	..... "	2.00
Camas, choice mixed, single eyes	..... "	1.00
Pansy Plants, \$3.00, \$4.00 and \$5.00 per 1000.		

W. H. MURPHEY, - - Minooka, Ill.

Mention The Review when you write.

Roses, Carnations and Violets.

Bridesmaids, 3-in. stock	.....	\$5.00 per 100.
Meteors, 2 1/2-in. pots	.....	4.00 "
Kaiserin, 4-in. pots	.....	8.00 "
Violets in 2 1/2-in. pots	.....	3.00 "
Genistas, 3-in., \$9.00; 4-in.,	.....	15.00 "
Field Grown Carnations, now ready, all the leading varieties,	\$5.00 a 100, \$40.00 a 1,000,	
Field Grown Violets, 5,00 "	.....	40.00 "

WM. F. KASTING, 481 Washington St., Buffalo, N. Y.

Mention The Review when you write.

Eglantine.

THE TRUE FRAGRANT SWEET BRIAR.

1,000 Rosa Rubiginosa, 4 to 5 feet,	per 100,	\$5.00
1,000 " " " 2 to 3 "	" "	3.00
1,000 " " " 1 to 2 "	" "	2.00
10,000 Berberis Thunbergii,	per 100,	\$3.00 to 7.00

T. R. WATSON, Plymouth, Mass.

Mention the Review when you write.

HUNT'S HOLLY

Always Highest Grade
Always on Time



Always Right in Price
Always Satisfactory

HIS is no news to our old customers, and is not written for their benefit. Their orders are already booked or are sure to come to us. But we shall this year have an extra large supply of HUNT'S HOLLY, and we can take care of more orders. Shall we take care of yours?

Let us have your order early. We will treat you so that you will come again. The goods will be what you want, and the price will be right.

Hunt's Bouquet Green

has a reputation too. If you haven't had it before, try it this year. But place your order early. Write for quotations saying how much you will need.

Hunt's Flowers

There are none better in the Chicago market, and we are better prepared than ever to handle your orders. Let us book your Thanksgiving Order now. We can assure you of the very best this market affords and at satisfactory prices.

If you are a grower and grow good stock, send it to HUNT. He will get as good returns as anybody. If you don't grow good stock please send it to the other fellow.

Hunt's Supplies

We carry the most complete line of Florists' Supplies of any house in the west. If to be had in Chicago you can get it of HUNT. Send for catalogue if you have not received one. We are large manufacturers of Wire Designs. We have a very complete line of Florists' Ribbons to offer at inside prices.

We are headquarters for ALL FLORISTS' SUPPLIES in Chicago.



Can supply all your trade wants and in a way that will please you.
Write him about it.

E. H. HUNT,

76-78 Wabash Ave., CHICAGO, ILL.

Here we are again for High Grade Blooms.....

WON SEVEN FIRST PREMIUMS AND ONE SECOND out of eight entries at the Chicago Flower Show.

All orders carefully and promptly filled

CHICAGO CARNATION CO., JOLIET, ILL.

Mention the Review when you write.

THE FLORISTS' MANUAL.

It is certainly a neat and handsome book and does you credit.

BENJAMIN HAMMOND.

Fishkill-on-Hudson, N. Y.

It is a work of art and should be in the hands of all live florists. Its useful and instructive contents can not fail to be a benefit to all in the trade.

C. C. POLLWORTH Co.

Milwaukee, Wis.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.

Chicago. JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same.

M. S. WORDEN.

North Adams, Mass.

DENVER, COLO.

Bowling.

Eighteen members of the Florists' Bowling Club met at the alleys on the 7th inst. and made the following scores:

	1st.	2nd.	3d.	Av.
John Berry	154	172	178	168
J. N. Jakobsen	161	134	197	164
Geo. Brenkert	188	130	164	161
C. J. Thiess	180	152	147	160
Robt. Kurth	123	196	151	157
Chas. Mauff	178	130	159	156
A. E. Mauff	111	179	121	150
John Ferris	133	169	138	147
E. Emerick	143	139	154	145
Chas. Webb	156	139	133	143
Chas. Franz	122	146	143	137
Ernest Flohr	102	110	193	135
Donald Scott	141	119	119	130
A. M. Lewis	110	122	121	128
N. A. Benson	99	151	132	127
Geo. Zimmer	114	144	116	125
W. A. Doyle	146	90	119	121
Oliver Wheatly	101	158	75	112

J. B.

NEW ORLEANS.

We have had a very dry time here this summer. Been dry ever since I left Detroit. Mums are not worth much this season, as they were mostly burnt up before they opened. Trade was very good on All Saints' Day.

The New Orleans Horticultural Society is endeavoring to arrange for an exhibition next spring.

HARRY PAPWORTH.

DEWEY

HAVE WHAT YOU WANT.....

IN THIS LIST?

If not, write us for prices on what you need.

ROOTED CUTTINGS.

Fuchsia, 4 kinds	\$1.50 per 100	GERANIUMS—Mrs. Pollock	\$2.00 per 100
Fuchsia, Trading Queen	1.50	Mrs. Parker, Dble. Pink	4.00
Alternanthera (Summer Stroke)	1.00	Silver Leaf	4.00
Manettia (bicolor)	2.00	Silver Leaf, Rose Scented, Ivy	1.50
Vinca, per 1000, \$12.50	1.50	Mme. Salleron	1.25
Salvia	1.25	Freak of Nature	4.00
Heliotrope	1.25	Begonia Rex	2.00
Begonia Erfordii	2.00	" Incarnata Gigantea	2.00
Dracaena (Ind. in Hats)	5.00	" Flowering	2.00
GERANIUMS—Assorted	1.50	Impatiens Sultana	2.00
Mixed	1.25	Forget-Me-Not (Winter Flowering)	2.00
Mars, Happy Thought	3.00		

POT PLANTS.

Bronze and Silver Leaf Geraniums, 3 1/4-inch	\$3.00 per 100	Farquhar Violets, 2 1/2-inch	\$3.00 per 100
Primroses (to bud) 2 1/2-inch	3.00	Double White Stock, 3-inch	3.00
Primroses, 2-inch	2.00	Forget-Me-Not (Winter Flowering), 2 1/2-inch	4.00
Hydrangea Pink, 3-inch	6.00	Begonia Rex, assorted, 2 1/2-inch	4.00
Anthericum, 3-inch	3.00	" named	6.00
Vinca, 3-inch	4.00	Lemon Verbena	\$3.00, \$4.00 and
Begonia Inc. Gigantea, 4-inch, ready for 4-inch pots	15.00	Impatiens Sultana, 2 1/2-inch	3.00
Begonia Inc. Gigantea, 2 1/2-inch, ready for 4-inch pots	\$4.00 and 6.00	Manettia bicolor, 2 1/2-in.	6.00
Fragrant Calla, 2 1/2-inch	1.50 per doz.	GERANIUMS—2 1/2-in. Sweet Scented	4.00
Fragrant Calla, 4-inch	3.00	Mrs. Pollock	4.00
Mignonne, 2-inch	2.00 per 100	Mrs. Parker, Dble. Pink	6.00
		Silver Leaf	4.00
		Happy Thought, 2 1/2-in.	4.00
		Silver Leaf, 2 1/2-in.	4.00

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Pandanus Veitchii.

Vigorous Shapely Plants.

6-inch pots.....\$1.00 each; 7-inch pots.....\$1.50 each;

8-inch pots.....\$2.00 each. Discounts on large orders.

JOHN WELSH YOUNG, - Germantown, Pa.

Upsal Station, Penna. R. R.

Delaware Holly Wreaths of the Best Grade.....

with Bright Green Foliage and plenty of Berries.

Orders will now be received for shipments which will go forward fresh goods at the proper time. Samples can be shipped when wanted. For prices and terms, address

J. W. C. PULLEN, MILFORD, Delaware.

Mention The Review when you write.

GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

Mention the Review when you write.

EVERY FLORIST OUGHT TO HIS GLASS AGAINST HAIL

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.



REGULAR SHIPPING ORDERS WILL RECEIVE
SPECIAL ATTENTION.

WINTER BROS.

WHOLESALE GROWERS OF...

Cut Flowers

We are Headquarters for
Fine American Beauties.

51 Wabash Avenue, CHICAGO.

WHOLESALE PRICE LIST.

AMERICAN BEAUTY,	
30 to 36-in. stem, per doz.,	\$3.50 to \$4.00
24 " "	2.50 to 3.00
20 " "	- - - 2.50
15 " "	- - - 2.00
12 " "	- - - 1.50
8 " "	- - - 1.00

METEOR,	-	per 100,	\$4.00 to \$5.00
BRIDESMAID,	"	"	3.00 to 4.00
BRIDE,	- -	"	3.00 to 4.00
PERLE,	- -	"	3.00 to 4.00
CARNATIONS,	"	"	1.50 to 2.00

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NEW GERANIUM—De Roo Mitting, yellow foliage, double pure scarlet bloom, \$1.20 per dozen, \$10.00 per 100.

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NEW YELLOW BABY PRIMROSE—We have the only stock in the United States, \$1.20 per doz., \$10.00 per 100.

PRIMROSES—to close out—Chinese and Obconica, from flats, \$1.00 per 100, \$8.00 per 1000; from 2½-in. pots, ready for 4-in. pots, \$1.50 per 100, \$12.00 per 1000; Obconica, from 3½-in. pots, \$1.00 per 100, \$25.00 per 1000; 10 per cent. discount on 5000 lots and over.

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One year old ROSES—Mixed, per 100, \$1.00.

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Cinerarias for Christmas blooming, 2½-in., \$2.00 per 100; 3-in., \$3.00 per 100; large plants in 4-in. pots \$1.00 a doz. Cyclamen Giganteum and Persicum, 3-in. \$5.00 per 100. S. WHITON, UTICA, N. Y.

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Acalypha Sanderi, fine 2½-in. plants, \$8.00 per 100.
The Conard & Jones Co., West Grove, Pa.

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Alternanthera, rooted cuttings, summer struck, \$1.00 per 100.
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Red and yellow, rooted, per 100, 50c; per 1000, \$4.00. E. I. Rawlings, Quakertown, Pa.

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Anthericums, 3-in., \$2.00 per 100.
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Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00. Florists' Pub. Co., Chicago.

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Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengerii, 2-inch, 50 cents per doz.; \$4.00 per 100.
Geo. Wittbold, 1708 N. Halsted St., Chicago.

Asparagus plumosus nanus, 2-in., \$4.00 per 100; \$35.00 per 1000. 4-in., \$15.00; 6-in., \$20.00 per 100. Florists' Supply Co., No. Tonawanda, N. Y.

A. Sprengerii (very fine), 2½-in. pots, per doz., 50 cts; per 100, \$3.00; per 1000, \$25.00. Seawanhaka Greenhouses, Oyster Bay, N. Y.

150 Asparagus Sprengerii, 2½-in., \$4.00 per 100.
Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus, all sizes.

A. S. MacBean, Lakewood, N. J.

A. plumosus nanus, 5-in., \$3.00 per doz.
John H. Ley, Good Hope, D. C.

Sprengerii, 3½-in., 8c; 4-in., 10c, both fine.
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Sprengerii, 3-inch, extra strong, \$6.00 per 100.
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Azalea Indica in the best market varieties, 10 to 12 inches in diameter, \$35.00 per 100; 12-inch diameter and up, \$40.00 per 100. Rhododendrons, extra fine for forcing, small plants, \$35.00 per 100; large plants, \$50.00 per 100. Snowballs for forcing, \$35.00 per 100. Lilacs, Charles X and Marie Legraye, \$45.00 per 100. Prices on all other plants cheerfully given.
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Gloire de Lorraine, the grandest novelty of the day and one of the best selling plants for florists ever offered. Blooms continuously, autumn, winter and spring. Fine, strong plants from 3½-in. pots, per doz., \$4.75; per 100, \$35.00. Flowering plants, from 2¼-in. pots, per doz., \$2.25; per 100, \$17.50. R. & J. Farquhar & Co., 16 So. Market St., Boston, Mass.

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Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$8.00 per 100.
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Lily of the Valley, highest grade. All 3 years old. From cold storage—for present delivery, \$12.00 per 1000 pips; case of 2500, \$28.50. Hamburg pips, best grade, \$9.75 per 1000 pips; case of 2500, \$23.50. Berlin pips, best adapted for early forcing, \$10.75 per 1000 pips; case of 2500, \$25.75. D. Landreth & Sons, 1001 Market St., Philadelphia, Pa.

Narcissus Paper White grandiflora, extra, \$6.75 per 100. Dutch Hyacinths, first size to name, \$65.00 per 1000; first size, to color, \$40.00 per 1000. Miniature Dutch Hyacinths, to name, \$20.00 per 1000. Narcissus Von Sion, mammoth, \$16.00 per 1000. Prices on all other bulbs cheerfully given.
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We have a surplus of Hyacinths for bedding, also second size named. Callas, second size, Longiflorum and Harrisii, good, firm bulbs 9-11 and cold storage Lily of the Valley. Write for cut prices. W. W. Rawson & Co., 12 and 13 Faneuil Hall Sq., Boston, Mass.

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Freesia alba, ¾-inch diameter and up, \$3.00 per 1000; ½-inch and up, \$5.00 per 1000. Small bulbs, I guarantee all to bloom, as I have tried them. C. Ammann, 7th Ave. & 129th St., New York City.

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Storrs & Harrison Co., Palmsville, O.

Chinese Sacred Lilies, splendid large bulbs, \$4.00 per basket of 100. Finest Lily of the Valley pips, send for quotations. J. M. Thorburn & Co., 25 Cortlandt St., New York.

Lil. longiflorum, 5-7, 100, \$2.50; 6-8, 100, \$4.00; 7-9, 100, \$6.50; 9-10, 100, \$11.00. Auratum, Rubrum, Album, etc. Send for list. H. H. Berger & Co., 47 Barclay St., New York.

Excelsior Pearl Tuberosa Bulbs and Caladium Esculentum Bulbs for Dec. and Jan. delivery. J. F. Croom & Bro., Magnolia, N. C.

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Home grown Tenuifolium lily bulbs, \$7.00 per 100.
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100,000 choice mixed gladiolus, \$1.50 to \$5.00 per 1000. L. H. Read, Grand Rapids, Wis.

Dutch Bulbs in any quantity.

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Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100.
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The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture.

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20,000 named cannas, best. Send list of wants.
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Choice mixed, single eyes, \$1.00 per 100.
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CARNATIONS.

Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$900.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

After chrysanthemums are thrown out many florists plant carnations. We have a few thousand plants heeled in in cold frames suitable for this purpose. They are first class plants. Butter Cup, Dana, Crimson Sport, Eldorado, Mrs. Fisher, Scott, Pingree, Armazindy, Daybreak, Jubilee, Meteor, Sweet Brier, Cap King and Albertini at \$4.00 per 100.
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Support your Carnations with the Model Extension Carnation Support, now regarded as the standard support, and by far the best yet offered. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

Carnation plants all sold except 2000 Daybreak, 400 Meteors and 300 Triumph, which I will sell for \$4.00 per 100, or \$30.00 per 1000, cash. These are all first size plants and clean.
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Scott, Helen Keller, Kohinoor, Tidal Wave, Sweet Brier, Storm King, Outcast, Victor, Daybreak and Meteor, \$4.00 per 100. The above are good No. 1 plants; good shape, no culls.
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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

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Thrifty field carnations with plenty of roots. Send for prices. All the new and leading varieties. Geo. Hancock & Son, Grand Haven, Mich.

Fine field-grown plants. Hector, large scarlet. Evelina, very free white, \$6.00 per 100; \$50.00 per 1000. \$500 at 1000 rate. H. Weber & Sons, Oakland, Md.

A few thousand fine, large field-grown plants of Scott, Eldorado and McGowan, \$3.00 per 100; \$25.00 per 1000. 5000 plants for \$100.00. Edw. J. Taylor, Southport, Conn.

Carnations at \$3.00 per 100, cash, until sold. All first plants. F. Hill, Dana, Portia, Eldorado, McGowan, Scott and Cartledge. D. R. Herron, Olean, N. Y.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100, \$75.00 per 1000. 250 for \$18.75; 25 for \$2.50. A. M. Herr, Lancaster, Pa.

5000 carnations left, in fine shape. Scott, Portia, McGowan, 3c or \$25.00 per 1000. No culls, speak quick. Benj. Connell, West Grove, Pa.

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Field grown. All the leading varieties, \$5.00 per 100; \$40.00 per 1000. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

Fisher, rooted cuttings, \$1.25 per 100; \$10.00 per 1000. O. F. Searles, L. B. 1656, Nashua, N. H.

Rooted cuttings of Mrs. Fisher, \$1.00 per 100; \$9.00 per 1000. Cash with order. E. H. Blamenser, Niles Center, Ill.

Scott, Portia, Eldorado, \$4.00 per 100. Flora Hill, \$3.00 and \$5.00 per 100. C. Hagenburger, West Mentor, O.

Best new and standard varieties. Write for catalogue and prices. W. P. Peacock, Atco, N. J.

Strong, well rooted cuttings of Mrs. Fisher, \$1.25 per 100; \$10.00 per 1000. Cash. R. J. Gardner, Bayside, N. Y.

Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00 Florists' Pub. Co., Chicago.

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Stock plants, best, earliest varieties: Marlon Henderson, yellow; Merry Monarch, white; Glory of Pacific, pink; Mrs. H. Robinson, white, all at \$1.00 per dozen. Lady Fitzwygram, white, \$2.00 per dozen. Cash with order. H. C. Hansen, Ramsey's, N. J.

Stock plants from bench. Bergmann, Ivory, Pacific, Fitzwygram, Vivand-Morel, Bassett, Robinson, Jones, Bonaffon, Wedding, etc., 5c each, packed light. Order early. The Cottage Greenhouses, Litchfield, Ill.

Stock plants of Polly Rose (pure white glory of the Pacific), the best early white on the market. Certificated, \$1.00 per doz.; \$7.00 per 100. A. J. Vreeland, 200 West Side Ave., Jersey City, N. J.

Strong stock, ready now, at 50 cts per 12; \$3.50 per 100. Bergmann, Pacific, Whilldn, Belle of Castlewood, Bonaffon, Erminilda, Jones. Cash. H. Brant & Son, Metropolitan, N. Y.

Fine, bushy plants in bud and bloom, of leading varieties, 6-in. pots, \$30.00 per 100; 5-in., \$20.00 per 100. Cut blooms, \$5, \$6, \$8 and \$10 per 100. Evenden Bros., Williamsport, Pa.

Stock plants, 75 cts per doz, cash with order. Fitzwygram, Ivory, Bonaffon, Robinson, Weeks, Perrin. E. H. Blamenser, Niles Center, Ill.

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For Christmas blooming, 2 1/2-in., \$2.00 per 100; 3-in., \$3.00 per 100; large plants in 4-in., \$1.00 per doz. S. Whitton, 15 Gray Ave., Utica, N. Y.

Hyb. max. grand., from flats, \$1.75 per 100. Paul Mader, E. Stroudsburg, Pa.

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20 new ones. Doctors Nelson, Anderson, Erickson, Peterson, Stevenson, Osmanson, Emerson, Olson, Johnson, Matterson, Carlson, Wilson, Thomson, Davidson, Siverson, Williamson, Jackson and Knutson, all in 2 1/2-in. pots. The 20 Doctors for \$1.00, \$4.00 per 100. Also 20 of the best standard bedders, named, 2 1/2-in., \$1.50 per 100; \$10.00 per 1000. H. Stevenson, Morris, Ill.

Coleus, rooted cuttings, 50c per 100. F. R. Thornton, Macomb, Ill.

20 named varieties, 2 1/2-in., \$1.50 per 100. W. H. Murphy, Menoka, Ill.

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C. picturatum and C. chrysophyllum, 10 to 15 inches high, in 3-in. pots, 75c per doz; \$5.00 per 100. Reasoner Bros., Oneco, Florida.

12 finest sorts, color fine, 4-in., \$1.00 per doz. John H. Ley, Good Hope, D. C.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

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Carnations, \$1.50 to \$2.00 per 100. Violets, double and single, 50c to 75c per 100. Chrysanthemums, \$5, \$6, \$8 and \$10 per 100. Evenden Bros., Williamsport, Pa.

CYCLAMEN.

Cyclamen, select, 3-inch, \$12.00 per 100; 4-inch, \$15.00 per 100; 5-inch, \$25.00; extra select, 5-in., ready for 6-inch, \$4.00 per dozen; 6-inch, \$6.00 per dozen; 7-inch, specimens, \$12.00 per dozen. McKellar & Winteron, 45, 47, 49 Wabash Ave., Chicago.

Cyclamen persicum giganteum, splendid stock of plants, assorted colors, in 3-inch pots, ready for 4-inch, \$7.00 per 100; \$65.00 per 1000. Emerson C. McFadden, formerly Pitcher & Manda, Short Hills, N. J.

1000 Cyclamen in 6 and 7-inch pots, as fine as the best, just right for Christmas, \$3 and \$9 per doz. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen, fine plants, fine strain, mixed colors, 4-inch, ready for a shift, \$10.00 per 100. Cash. W. G. Richardson, Bennington, Vt.

Cyclamen giganteum, strong plants coming in bud. Mixed colors, ready for 4-inch, \$4.00 per 100. Cash. J. W. Miller, Hatton, Pa.

Cyclamens, giganteum and persicum, 3-in., \$5.00 per 100. S. Whitton, 15 Gray Ave., Utica, N. Y.

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Dahlias by the tens of thousands. Get my catalogue before ordering elsewhere. W. W. Willmore, Box 352, Denver, Colo.

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Snowball and Longfellow, 50c per 100; \$3.00 per 1000. Byer Bros., Chambersburg, Pa.

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5000 Dracaena indivisa, in 2-in., \$2.00 per 100; \$25.00 per 1000. Florists' Supply Co., No. Tonawanda, N. Y.

Dracaena indivisa, in flats, \$5.00 per 100. Greene & Underhill, Watertown, N. Y.

FERNS.

	Pot.	Doz.	100.
Cyrtomium Falcatum,	3-in.	\$1.00	\$ 8.00
"	4-in.	2.00	....
"	5-in.	3.00	....
"	6-in.	5.00	....
Blechnum Orientale,	2-in.	.50	4.00
Lomaria Gibba,	4-in.	1.50	12.00
Pteris Serrulata,	2-in.	.50	4.00
Pteris Argylea,	2-in.	.50	4.00
Pteris Tremula,	2-in.	.50	4.00
Pteris Umbrosa,	6-in.	3.00	20.00
Nephrolepis Exaltata,	4-in.	1.50	12.00
"	5-in.	2.00	....
Nephrolepis Pectinata,	4-in.	1.50	12.00
Nephrolepis Philipensis,	4-in.	1.50	12.00
"	5-in.	2.00	....
Nephrolepis Bostoniensis,	4-in.	2.00	....
"	5-in.	3.00	....
"	6-in.	5.00	....

Geo. Wittbold, 1708 N. Halsted St., Chicago.

Ferns. 30 new and choice sorts, 4-in., \$10.00 per 100; 10 new and choice sorts, 2-in., \$4.00 per 100. Nephrolepis Washingtoniensis, 4-in., \$3.00 per doz. Selaginella Africana, 3-in., 50c per doz. Adiantum hybridum, new, 8-in., \$1.00 each. Ferns from flats, nice little plants for small pots, 10 sorts, 100 free by mail, \$1.25 Adiantum cuneatum, extra large, 4-in., \$12.00 per 100. Careful packing. Cash with order. John H. Ley, Good Hope, D. C.

Fern Spores. Complete assortment, 50c per trade pkt. \$5.00 per doz. pkts., all different. Mixed Spores, extra large, 4-in., sufficient for 3,000 plants, \$1.00 postpaid. Complete directions for growing with every order. Write for wholesale price list of our specialties. Emerson C. McFadden, formerly Pitcher & Manda, Short Hills, N. J.

Boston Ferns, extra large plants in 5 and 6-in. pots, ready for 8 and 9-in., only 50c each. Just what you want for your Christmas trade, or if kept for spring sales will make you a handsome profit. Try them, you won't be disappointed. Cash with order. A. J. Baldwin, Newark, Ohio.

Boston Ferns, N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$5.00 to \$20.00 per 100; not less than 250 at 1,000 rate. Wm. A. Bock, No. Cambridge, Mass.

The Boston Fern. A specialty. Specimen plants, cut from bench, for 7, 8 and 10 in. pots, at \$50, \$75 and \$100 per 100. Cash or ref. L. H. Foster, 45 King St., Dorchester, Mass.

Boston ferns. Finest stock, \$4.00 per 100. Special prices on larger plants. Cash. D. W. C. Van Valkenburgh, 1440 60th St., Borough Park, Brooklyn, N. Y.

Adiantum cuneatum, select stock, \$6.00 per 100; \$55.00 per 1000. Ready for shipment at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

Adiantum cuneatum, fine plants, 2 1/2-inch, \$4.00 per 100; 3 1/2-inch, \$8.00; 4-inch, \$10.00; large plants, 4-inch pots, \$12.50 per 100. Edw. J. Taylor, Southport, Conn.

Nephrolepis exaltata, fine plants, ready for 3 and 4-in. (8 to 20 inches high), \$3.00 per 100; \$15.00 per 1000. Reasoner Bros., Oneco, Florida.

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FERNS—Continued.

Small ferns in choice assortment, out of 2 and 2½-inch pots, \$4.00 per 100. Cash. Geo. A. Rackham, 550 Van Dyke Ave., Detroit, Mich.

Boston Ferns, from bench, per 100, \$5.00 to \$15.00. Selaginella Emilliana, 3-in., fine, 75c per doz. Geo. L. Miller, Newark, O.

Ferns. Fine assortment. 2½-in., \$3.00; 3-in., \$6.00 per 100. John Bader, Troy Hill, Allegheny, Pa.

Boston ferns for sale cheap to make room, 15c to \$1.00 each. Cash with order. Mrs. F. W. Moore, Haverhill, Mass.

Boston Ferns. Genuine stock, \$5.00 per 100; \$40.00 per 1000. Not less than 250 at 1000 rate. E. E. King, Attleboro, Mass.

FORGET-ME-NOTS.

Winter flowering, 2½-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

Winter blooming, 2½-in., \$2.00 per 100. W. H. Murphey, Minooka, Ill.

FUCHSIAS.

Fuchsia, rooted cuttings, Trailing Queen and four others, \$1.50 per 100. Greene & Underhill, Watertown, N. Y.

Fuchsias, in variety, in 2½-inch pots. Our selection, \$3.00 per 100. Cash with order. J. E. Felthousen, Schenectady, N. Y.

GARDENIAS.

Gardenia Florida, from 3-inch pots, 8-10 inches, branched, \$10.00 per 100. P. J. Berckmans Company, Augusta, Ga.

GENISTAS.

3-in., \$9.00; 4-in., \$15.00 per 100. W. F. Kasting, Buffalo, N. Y.

GERANIUMS.

Sweet Scented, Mrs. Pollock, Pansy, 2½-inch, \$4.00 per 100; Mrs. Parker, 2½-inch, \$6.00 per 100; Happy Thought, Silver Leaf, 2½-in., \$4.00 per 100. Rooted cuttings: Assorted, \$1.50 per 100; mixed, \$1.25; Mrs. Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Silver Leaf, Rose scented, Ivy, \$1.50; Mrs. Parker, Freak of Nature, \$4.00; Mme. Sallerol, \$1.25. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

Geranium Novelties for 1900. The finest collection in America. A set of selected Double Bedders, Single Bedders, Fancy Doubles, Mammoth Fancy Singles and Ivy Leaved varieties. A full line of 1899 introductions in all the above sections, also a full line of selected standard bedders. The Cottage Gardens, Queens, N. Y.

New geraniums, De Roo Miting, yellow foliage, double, pure scarlet bloom and Double Snowdrop, the best double white bedder to date, \$1.20 per doz.; \$10.00 per 100. Morris Floral Co., Morris, Ill.

Mixed, good assortment, not labeled, from 2-in. pots, \$1.50 per 100. E. I. Rawlings, Quakertown, Pa.

69 varieties of geraniums, all mixed, for retail trade, 2½-in., \$1.50 per 100. S. M. Underwood, Morris, Ill.

Bronze and Silver Leaf, 2½-in., \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

Mixed, 2½-in., \$1.50 per 100. W. H. Murphy, Minooka, Ill.

HARDY PLANTS.

Iris Kaempferi, named varieties, \$5.00 per 100; \$40.00 per 1000. Deutzia gracilis, fine forcing stock, 12 to 15 inches high, \$4.00 per 100; 15 to 18 inches high, \$6.00 per 100. Berberis Thunbergii, strong transplanted stock, 15 to 18 inches, \$3.00 per 100; 18 to 24 inches, \$4.00 per 100. Storrs & Harrison Co., Painesville, O.

Ampelopsis Vetchil, field grown, heavy, \$50 per 1000. Clematis paniculata, field grown, \$70 per 1000. Shrubs, a general assortment, \$30 to \$50 per 1000. California privet, 2 to 3 ft., \$30 per 1000. Box, dwarf, \$25 to \$30 per 1000. Elizabeth Nursery Co., Elizabeth, N. J.

Ampelopsis Vetchil, extra fine stock, \$50.00 per 1000. Large stock of other vines. Low prices on quantity. Clematis paniculata and Hamula. Bignonia radicans, honeysuckles, etc. David G. Yates & Co., Mount Airy Nursery, Philadelphia, Pa.

Oaks 10,000 Pin, Scarlet, Red, White, Willow leaved, English and Turkey, 4 to 10 ft. Maples, 100,000 Norway, Sugar, Sycamore and Silver Leaf, all sizes. Catalogue on application. Send estimate of wants for prices. The Wm. H. Moon Co., Morrisville, Pa.

Blota Aurea Nana, a perfect gem, fine, shapely plants, hardly north, 10 to 12 inches high, \$10.00 per 100; \$50.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100. P. J. Berckmans Company, Augusta, Ga.

Eglantine, the true fragrant sweet briar, Rosa Rubiginosa, 4-5 ft., \$5.00; 2-3 ft., \$3.00; 1-2 ft., \$2.00 per 100. Berberis Thunbergii, \$3.00 to \$7.00 per 100. T. R. Watson, Plymouth, Mass.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

Deutzia Graecilis, strong, bushy plants for forcing, \$6.00 per 100. Samuel C. Moon, Morrisville, Pa. Send for price list of hardy shrubs and trees.

Deutzia Lemoinel, from open ground, \$10.00 per 100. Hardy ivies, strong plants, \$8.00 per 100. C. Biese, 11th & Jefferson Sts., Philadelphia, Pa.

Hollyhocks, Chater's, white, pink, red, blush, yellow. Aug. 1st sown, \$1.00 per 100; \$7.00 per 1000. Byer Bros., Chambersburg, Pa.

Deutzia gracilis, extra heavy plants, \$10.00 per 100. Rudbeckia Golden Glow, \$2.00 per 100. Cash. John Reimels, Woodhaven, N. Y.

F & F. Nurseries, Springfield, New Jersey. Wholesale growers. Trees and Plants in full assortment. Trade catalogue free.

Rhododendrons for forcing, 50c each; \$5.00 per doz. Well budded plants. Bobbink & Atkins, Rutherford, N. J.

Hardy herbaceous plants only. In any quantity for the least money. Edw. B. Jackson, Stamford, Conn.

Hardy Grass Pinks, \$3.00 per 100. Morris Floral Co., Morris, Ill.

1000 Sanguinea, \$1.00 per 100. Nanz & Neuner, Louisville, Ky.

Hardy Grass Pinks, clumps, \$2.00 per 100. W. H. Murphey, Minooka, Ill.

HELIOTROPE.

Heliotrope, rooted cuttings, the best, 75c per 100. F. R. Thornton, Macomb, Ill.

"The Classified Advs. are a great convenience" is the verdict of the buyers.

HOLLY.

Delaware holly wreaths of the best grade. Bright green foliage and plenty of berries. Orders booked now for shipments which will go forward at the proper time. None but strictly fresh goods sent out. Samples supplied when wanted. For prices and terms address J. W. C. Pullen, Milford, Del.

Delaware Holly of the best grade, foliage of bright green and well berried. Orders book now for shipments which will go forward, freshly packed, at the proper time. For prices and terms address Alex. Pullen, Milford, Del.

Send in your order now for a copy of the Florists' Manual.

HYDRANGEAS.

For the want of room to store, we offer the following hydrangeas in good, shapely, field-grown plants, suitable for 6-in. pots, at special low prices: Otaksa, 3 to 4 leads, Otaksa monstrosa, 3 to 4 leads, and Thomas Hogg, 4 to 6 leads, at \$2.00 per doz.; \$15.00 per 100; \$125.00 per 1000.

H. A. Dreer, 714 Chestnut St., Phila.

Otaksa, red branched, Thos. Hogg. With 4 or more crowns, \$10.00 per 100; \$90.00 per 1000. With 2 or 3 crowns, \$7.00 per 100; \$60.00 per 1000. Extra good value, satisfaction guaranteed. Jackson & Perkins Co., Newark, N. Y.

Hortensis and Ramis Pictis, strong field-grown, suitable for 6 or 7-inch pots, \$12.00 per 100; stronger plants, \$20.00 per 100.

Storrs & Harrison Co., Painesville, O.

I have 100 Hydrangea Otaksa, field-grown ready for 8 and 9-in. pots, at \$2.50 per doz., or the 100 for \$15.00.

C. E. Clark, Woodford, Me.

H. Otaksa, 6 to 10 crowns, \$10.00 per 100. Cash. John Reimels, Woodhaven, N. Y.

Hydrangea, pink, 3-in., \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

IPOMOEA.

Ipomoea pandurata, day blooming Moonflower, in any amount. State number wanted and write for prices.

James Frost, Greenville, Darke Co., Ohio.

MANETTIA.

Manettia bicolor, rooted cuttings, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

Manettia bicolor, 2½-inch, \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

MUSHROOM SPAWN.

Best English Milltrack, just arrived, \$7.00 per 100 lbs. In 500 lb. lots at \$6.50 per 100. Johnson & Stokes, 219 Market St., Phila., Pa.

ORCHIDS.

Orchids have for very many years been a specialty with the undersigned, and the collection is steadily augmented by fresh imports from the collectors of the firm. It is not easy, without seeing it, to form an adequate conception of the stock. Extent is simply immense. Quality fine. Prices moderate. HUGH LOW & CO., BUSH HILL PARK NURSERY, ENFIELD, ENGLAND.

We beg to announce to the trade that we have our own collectors in the tropics shipping us Cattleya Trianae, Mendellii, gigas and aurea and Odontoglossum crispum (Pacho type) and will be pleased to book your orders, spring of 1900 delivery. We also have the finest collection of Laelia-Cattleya hybrid-unique types. Catalogue may be had on application. Arnold & Co., Orchidists, 222 St. Marks Sq., Phila.

Just arrived in fine condition, Cattleya Mendellii and Laelia Jongheana; also C. labiata, C. speciosissima, C. Gaskelliana and C. Harrisoniae. Cherry wood baskets, moss and peat. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

Officinalis Rubra, dark red, best for forcing, extra strong, five years' old, \$2.50 per dozen; \$15.00 per 100. Same, two years old, from 4 to 6 crowns, \$1.25 per doz.; \$7.50 per 100. Paeonia Chinensis. All shades of rose and pink in mixture, three and four year old stock, \$1.50 per dozen; \$8.50 per 100. Cash. Wm. A. Finger, Hicksville, N. Y.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

PALMS, ETC.

WITTEBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS.

Measurements from top of pot to top of tallest leaf.

	Pot	H't.	Char.	Per	Per
	in.	in.	lvs.	100.	1000.
Latania Borbonica,	2			\$.50	
"	3			1.50	
"	5	16-20	5-8	\$.50	6.00
"	6	18-22	6-7	.75	9.00
"	7	20-24	6-8	1.00	12.00
"	8	28-30	7-8	2.00	24.00
"	8	28-34	7-8	2.50	29.00
"	9	30-36	8-9	3.00	36.00
Cocos Weddeliana,	3	14-18	4-6	.25	2.00
Kentia Belmoreana,	3	5-7	3-4	.25	2.00
"	3	8-10	4-5	.30	3.00
"	6	18-20	5-6	.75	7.20
"	6	18-22	6-7	1.00	12.00
"	6	20-25	6-7	1.50	18.00
"	7	34-38	6-7	2.50	30.00
"	10			8.00	
Kentia Forsteriana,	6	20-24	4-6	.75	7.20
"	5	25-28	4-6	1.00	12.00
"	6	26-30	6-8	1.50	18.00
"	7	36-40	5-6	2.50	30.00
"	10			8.00	
Ficus Elastica,	4	12-14		.25	3.00
"	5	16-18		.50	6.00
"	6			1.00	12.00

	Pot	H't.	Tiers.	Each	Doz
Araucaria Excelsa,	3	6-8	2-3	\$.50	\$ 6.00
"	4	10-12	2-3	1.00	10.00
"	5	18-20	3-4	1.25	15.00
"	7	36-38	6-7	2.50	30.00

Dracaena terminalis, 4-inch pots, fine plants, \$3.00 per doz. Dracaena fragrans, fine plants, per doz., 4-inch, \$3.00; 5-inch, \$5.00; 6-inch, \$9.00.

Peperomia Argyrela, per doz., 2-inch, 75 cts; 3-inch, \$1.50; 4-inch, fine plants, \$2.00.

Geo. Wittbold, 1708 N. Halsted St., Chicago.

	Pot	H't.	Char.	Per	Per
	in.	in.	lvs.	100.	1000.
Latania Borbonica,	4	12-15	2	\$15.00	\$125
"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
Phoenix Canariensis,	4	15-18	4-5	15.00	
Seaforthia Elegans,	4	18-20		20.00	

P. J. Berckmans Company, Augusta, Ga.

Latania borbonica, 7-inch pots, 6 large character leaves, \$1.00 each; 8-inch pots, 6 to 7 large character leaves, \$2.00 each. Araucaria excelsa, fine stock, 16 to 18 inches high, \$1.25 each. Storrs & Harrison Co., Painesville, O.

Fresh crop 1899 seed, guaranteed, Kentia Belmoreana or Forsteriana, 100 s, 60c; 1000 a, \$4.25, including delivery. Sample doz., 20 cts. H. H. Berger & Co., 47 Barclay St., New York.

Large stock of handsome home grown palms and decorative plants of all the leading varieties at popular prices. Send for price list. Lemuel Ball, Wlssinoming, Philadelphia, Pa.

Ficus elastica. Nice, clean, healthy stock, from 6-inch pots, well leaved from pot up, 18 to 24 inches high, \$4.00 a dozen; \$39.00 a 100. McGregor Bros., Springfield, O.

Pandanus Veitchii, vigorous, shapely plants, each, 5-in., \$1.00; 7-in., \$1.50; 8-in., \$2.00. Discounts on large orders. J. Welsh Young, Germantown, Pa.

Phoenix reclinata, strong plants from 6-in. pots, \$6.00 per doz. C. Elsele, 11th & Jefferson Sts., Philadelphia, Pa.

Pandanus utilis, 7-inch pots, 2½ feet from pot, \$1.50 each. Cash. Otis P. Searies, L. B. 1638, Nashua, N. H.

Aspidistra, extra fine plants. Variegated, 100 per leaf, green, 60 per leaf. Bobbink & Atkins, Rutherford, N. J.

Peperomias argyrela and arifolia. 3-in., 50c per doz. John H. Ley, Good Hope, D. C.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

25,000 strong, stocky pansy plants. The finest strain on the market. \$2.50 per 1000; 10.00 per 5000. Orders for less than 1000 not accepted. A. Wenisch, Newell Ave., Williamsbridge, N. Y.

Schmidt's pansies have no equal, the cream of all pansies, fine, large plants, 50c per 100; \$3.00 per 1000. Bellis, extra fine; Snowball, Longfellow, 50c per 100; \$3.00 per 1000. Forget-me-Not, blue, hardy, 60c per 100; \$4.00 per 1000. J. C. Schmidt, Bristol, Pa.

Grown from extra choice seed and not surpassed by any other variety for size, beauty of coloring and freedom of flowers. 50c per 100; \$4.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

The Jennings strain. Plants now ready. All colors, finest mixed, by mail 50c per 100, by express \$1.00 per 1000. E. B. Jennings, L. B. 254, Southport, Conn.

Fine plants from my own select strain, \$4.00 per 1000. Cash. W. J. Engle, Nenia Ave. and Dover St., Dayton, O.

Good plants, by express, \$2.50 per 500; \$4.00 per 1000. C. Soltan & Co., 199 Grant Ave., Jersey City, N. J.

Fine, mixed, \$2.00 per 1000, liberal discount on 5000. O. P. Searies, L. B. 1638, Nashua, N. H.

Pansy seedlings, Reck's strain, 35c per 100, \$3.50 per 1000. Cash. John Reck, Bridgeport, Conn.

Large flowering strain, 40c per 100; \$2.50 per 1000. Byer Bros., Chambersburg, Pa.

Herr's Pansies, the best strain in the world. A. M. Herr, Lancaster, Pa.

Pansy plants, \$2.00, \$4.00 and \$5.00 per 1000. W. H. Murphy, Minooka, Ill.

Pansy plants, all sizes, write for prices. Morris Floral Co., Morris, Ill.

PELARGONIUMS.

The Queen, 2¼-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

PETUNIAS.

Are a good money maker. I have the best mixture in the U. S. to-day, consisting of 10 varieties of Breers, 2 varieties from Australia, 9 varieties from France, 4 varieties from Germany and 5 varieties from England. The 30 varieties all mixed together in 2¼-in. pots at \$2.00 per 100; \$15.00 per 1000. S. M. Underwood, Morris, Ill.

New double fringed petunias, Henderson's and Dreer's latest set, known the world over as the standard of perfection. Strong rooted cuttings, ready Nov. 10, \$1.00 per 100; 2-in. pot plants, \$2.00 per 100. South Side Floral Co., Springfield, Ill.

Petunias, double fringed, a good assortment of money makers, 2-in., \$2.00 per 100; rooted cuttings, \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

2¼-in. pots, \$2.00 per 100; \$15.00 per 1000. Morris Floral Co., Morris, Ill.

Send in your order now for a copy of the Florists' Manual.

PRIMROSES.

Extra fine grown Primula Chinensis, 4-inch, \$10.00 per 100; 5-inch, \$2.00 per dozen; \$15.00 per 100. Baby primrose, 4-inch, \$2.00 per dozen; \$15.00 per 100; 3-inch, \$12.00 per 100. Primula floribunda (new), 4-inch, \$15.00 per 100; 3-inch, \$10.00 per 100. Primula obconica grandiflora, 4-inch, \$12.00 per 100; 5-inch, \$3.00 per dozen. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

New yellow Baby Primrose, we have the only stock in the U. S., \$1.20 per doz.; \$10.00 per 100. Chinese and Obconica, from flats, \$1.00 per 100; \$8.00 per 1000, from 2¼-in. pots, \$1.50 per 100; \$12.00 per 1000. Obconica, 3½-in. pots, \$4.00 per 100; \$25.00 per 1000. 10 per cent discount on 5000 or more. Morris Floral Co., Morris, Ill.

I am overstocked with Primroses and must have room for other plants. The 2¼-in. are fit for 4-in. and the 3½-in. are ready for 5-in. All warranted A No. 1 stock. Chinese, mixed, and Obconica, 2¼-in., \$1.50 per 100; \$12.00 per 1000. Obconica, 3½-in., \$4.00 per 100; \$30.00 per 1000. A. Mitting, Morris, Ill.

Primula Forbesii, blooming plants in 2¼-in. pots, \$3.00 per 100. Cash. W. J. Engle, Nenia Ave. and Dover St., Dayton, O.

Chinese primroses, strong, 3-inch pots, 50c per doz.; 4-in. pots 75c per doz. C. Elsele, 11th & Jefferson Sts., Philadelphia, Pa.

Chinese, single, mixed and Obconica grandiflora, \$1.25 per 100. Forbesii, \$2.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

Chinese, ready for 3's, the finest grown, single and double, \$2.00 per 100. J. E. Rupp, Shrewmanstown, Pa.

Baby primrose, 2-inch, \$4.00 per 100; 3-in. h. special value, \$6.00 per 100. S. Batson, Kalamazoo, Mich.

In bud, 2-in., \$2.00; 2½-in., \$3.00 per 100. Greene & Underhill, Watertown, N. Y.

"The Classified Advs. are a great convenience" is the verdict of the buyers.

ROSES.

The grand new rose Liberty, most nearly approached by Meteor in color, but far surpassing that standard variety in brilliancy and purity of color, as well as in size; never showing any deformed, black or bull heads either in winter or summer and far surpassing Meteor in freedom of bloom. A remarkable keeper when cut, keeping its brilliancy of color without turning blue or dropping its petals, as is the case with Gen. Jacquemont, which it somewhat resembles in size and fragrance. Prices are as follows for A1 stock; own rooted plants in 2¼-inch pots, 12 plants, 60c; 25 plants, 50c; 50 plants, 30c; 100 plants, 25c; 1000 plants, 20c each. Grafted plants in 2¼-inch pots: 12 plants, 75c; 25 plants, 60c; 50 plants, 50c; 100 plants, 40c; 1000 plants, 35c each. Satisfactory reference or deposit from all unknown correspondents. Orders coming in after this date can be filled only in April or later, as my stock for March delivery is all sold. E. G. Asmus, West Hoboken, N. J.

Agents: J. C. Vaughan, Chicago, Ill.; J. N. May, Summit, N. J.; F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

The demand for the grand new crimson-scarlet rose Liberty has been so great that the stock for March delivery has been all sold. Orders booked now and filled strictly in rotation for April delivery. Florists who have not yet secured their stock should order at once. Own root plants, from 2¼-in. pots, 50 plants, 30c each; 100 plants, 25c each; 1000 plants and over \$200.00 per 1000. 3-in. pot plants, 5c each additional. Grafted plants, from 2¼-in. pots, 50 plants, 50c each; 100 plants, 40c each; 1000 plants or more, \$320.00 per 1000. 3-in. pot plants 5c each additional. Bassett & Washburn, 76 Wabash Ave., Chicago, western agents for Robt. Scott & Son. All orders will be shipped direct from their greenhouses.

We offer fine field-grown American Beauties, La France (white), La France (pink) and Belle Siebrecht, thrifty stock, \$15.00 per 100. A large list of other sorts \$8.00 per 100. Hybrid Perpetuals, \$10.00 per 100. Ramblers, yellow, white and pink, \$6.00 per 100. Nanz & Neuner, Louisville, Ky.

Crimson Rambler, canes 3 to 5 feet, fine forcing stock, \$12.00 per 100. Hybrid Perpetuals, best forcing kinds, 2 years field-grown, \$10.00 per 100. Storrs & Harrison Co., Painesville, O.

Hybrid Perpetual roses, \$80 per 1000. Hybrid Tea Roses, field grown, \$70 per 1000. Yellow, white and pink Ramblers, \$6.00 per 100. Elizabeth Nursery Co., Elizabeth, N. J.

Wire Rose Stakes. Straight or looped and pointed. Samples and prices on application. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED ADVERTISEMENTS—CONTINUED.

ROSES Continued.

Crimson Ramblers, extra strong, \$25.00 per 100. Hybrid roses, low budded, \$10.00 per 100; \$75.00 per 1000.
F. W. O. Schmitz, Jersey City, N. J.

American Beauty, Bridesmaid, Perle, Bride, Sunset, Meteor, Morgan, Testout, Mermet, La France, 3, 3½ and 4-inch.
A. S. McBean, Lakewood, N. J.

Bridesmaids, 3-in., \$5.00; Meteors, 2½-in., \$4.00; Kaiserling, 4-in., \$8.00 per 100. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

Liberty Rose. We have sole control for the New England states.
Edmund M. Wood & Co., Natick, Mass.

1000 Bridesmaid roses, 2½ and 3-in., \$2.50 per 100 to close out.
South Side Floral Co., Springfield, Ill.

Field-grown roses, \$1.00 per doz., \$8.00 per 100. 50 varieties. Plants 1½ to 3 ft. high.
Wm. K. Nelson, Augusta, Ga.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

1-year-old plants, mixed, \$4.00 per 100.
Morris Floral Co., Morris, Ill.

SALVIA.

Salvia, rooted cuttings, \$1.25 per 100
Greene & Underhill, Watertown, N. Y.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

SEEDS.

Pansy Seed. Hunt's Unrivalled. This mixture is made up by the most careful selection from all the best varieties grown and is the standard mixture for Florists who wish to realize the greatest returns from either blooms or plants. We have sold this mixture with increasing sales for the past ten years, a sufficient proof of its high quality. Oz., \$8.00; ½ oz., \$1.00; trade pkt., 25 cts.
E. H. Hunt, 79-75 Wabash Ave., Chicago.

Our Specialties: Sweet peas, cosmos, holly-hock, verbenas, aster, mignonette, etc.; onion, lettuce, celery, carrot, salsify, parsnip, lima beans, salt bush, bromus grass, Bermuda grass, Johnson grass, etc. All California grown. Wholesale only.
Perry Watson & Co., Sacramento, Cal.

The Jennings Pansy. All large flowering and of the most brilliant colors. Sure to give satisfaction. \$1.00 per pkt.; \$5.00 per oz.
E. B. Jennings, L. B. 254 Southport, Conn.

Cyclamen giganteum seed, the finest giant varieties in choicest mixture, per pkt. 200 seeds, \$1.00; half pkt. 50c.
John F. Rupp, Shiremanstown, Pa.

Seeds, Bulbs, Florists' supplies, etc. We carry a large stock. Western florists should send for our wholesale price list.
Barteldes & Co., Denver, Colo.

Aster seed, tall branching, mixed, choice strain, 5c per oz. Allen's Defiance, \$1.00 per oz. Cash.
John Reck, Bridgeport, Conn.

Sweet Pea and other California grown Flower Seeds ready. H. H. Berger & Co., 47 Barclay St., New York.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Special seeds for the florist and gardener. Send for wholesale catalogue.
Johnson & Stokes, Philadelphia, Pa.

Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.
C. Soltan & Co.,
193 Grant Ave., Jersey City, N. J.

Cabbage and Cauliflower seed specialist.
Francis Brill, Hempstead, L. I., N. Y.

SMILAX.

String your Smilax with Meyer Green Silk-line. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Plant smilax, for Easter trade, after mums, when all green is scarce. Strong plants from 2½-in. pots, \$2.50 per 100.
N. Smith & Son, Adrian, Mich.

20,000 seedling smilax now ready for immediate delivery, 50c per 100; \$4.00 per 1000, free by mail. South Side Floral Co., Springfield, Ill.

Fancy cut smilax in any quantity. Orders booked for Thanksgiving and Christmas.
Geo. L. Miller, Newark, O.

STRAWBERRY PLANTS.

As a special inducement for everybody to give my plants a trial and see for themselves that my plants are what I claim for them, "equal to the best." I make the following proposition: For only \$1.00 I will send to any part of the United States, all charges prepaid, 6 New York, 25 Excelsior, 25 Johnson's Early, 25 Sample and 25 Nick Ohmer Strawberry Plants. And I further agree that these plants shall be strictly true to name and reach you in first class condition. Address to W. F. Allen, Salisbury, Md.

VEGETABLE PLANTS.

Cabbage plants, field grown, 15c per 100; \$1.00 per 1000, if by mail add 10c per 100. Write for prices on large lots for fall planting. Lettuce, Boston Market, Tennis Ball, Curled Simpson and other varieties, field-grown, 15c per 100; \$1.00 per 1000, if by mail add 10c per 100. Parsley, strong plants, \$1.50 per 1000; \$12.50 per 10,000. Cash with order.
R. Vincent, Jr. & Son, White Marsh, Md.

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SMILAX.

This useful climber and twiner seems to have been grown here commercially long before its great usefulness was appreciated in Europe. Though the more graceful looking asparagus has superseded it in our decorations it is still a standard article with all commercial florists, and in funeral decorations there is no equal to it.

Seed should be sown in flats and covered an eighth of an inch, in February. Good fresh soil is now always supplied. When two or three inches high pot off into 2-inch pots and keep in a temperature anywhere above 50 degrees. If you expect the best results from your newly planted bed you ought by middle of May to give these little plants another shift into a 3-inch. Getting strong plants to plant out in June will give you an extra crop over small, weak plants. And although you often see them standing under a bench in May and June that is not the way to produce well rooted, strong plants.

Make your Smilax bed in the center of the house on the ground with seven or eight feet of head room; and more is better. If the floor of the house is naturally dry you want no preparation, but make the bed seven or eight inches above the surface and confined with a brick or plank wall.

I have tried several kinds of soil. The worst smilax I ever grew was in a light sand, and the best was in a stiff loam, such a soil as roses like, with the addition of one-fourth of rotten cow manure. Plant at end of June or very early in July.

If you intend to renew the bed every year, which I strongly advocate, then plant ten inches between the rows and six or seven inches between the plants. Run a wire across the bed just behind the row of plants, and a corresponding wire near the roof, and at each plant run up a string of silkaline. It is invisible when cut and saves you much bother when using the smilax because there is no need of pulling it out.

Keep down weeds from the start and frequently teach the little growths that they are to climb up the strings. When once started they are no trouble, and when a crop is cut and a new growth is starting replace the strings at once. We are guilty of neglect and I have seen days of labor spent over a smilax bed that was allowed to grow without strings a few weeks and had to be unravelled and started up the strings much to the harm of the growths.

When growing fast smilax likes and must have an abundance of water and should be daily syringed to keep down red spider. It should be also fumigated, but not heavily or it will turn the tips of the leaves. Vaporizing with tobacco extract would avoid that, but with proper care we have no trouble with the smoke.

When a crop is fit to cut or your business demands that you cut it, be-

gin at one end and clear it as you go. When the plant is denuded of its entire growth, as it is when you cut the strings, it does not want water till it begins to send up more growth. I have seen the roots rotted by a heavy watering just after cutting off the strings, and when the thick, fleshy roots rot they raise a bad smell, very similar to decayed Solanum tuberosum, alias potato.

When cutting the strings don't let a crude hand ruthlessly chop off all the growth. There may be several strong young shoots a foot or eighteen inches high that will quickly make another string.

By planting last of June you ought to get four crops before planting time again, and will if the temperature of the house is kept never less than 60 degrees at night throughout the winter, and if it is 65 degrees so much the better; contrary to what would be the case with most plants the warmer you grow it the harder it is providing it is matured when cut. Being naturally a twiner among trees it likes the shade, and is best shaded in summer and early spring.

I am sure it is wisest to plant every year. You get more strings; they are a more useful size, and easier managed. After the second crop is cut, about New Year's, the bed will be greatly benefited by a top dressing of an inch of loam and cow manure. Their strong asparagus-like crown of roots soon works to the surface and need this mulching. The smilax is a heavy feeder, so a strong soil, plenty of water when growing, and a good heat, suits it.

METROSIDEROS.

This is one of the many hard-wooded evergreen shrubs that we get from the Southern Pacific islands. The species we import is *M. robusta*, and its peculiar, terminal, densely flowered spike is so like in form to a bottle brush that the popular name is often suggested by people who have never heard it. It has been for many years grown as a cool greenhouse plant, but only within a dozen years have the Europeans been sending us the little, compact bushes that now arrive with our azaleas. The Belgians grow it in peat as they do most hard-wooded plants, but it does very well in good turfy loam with a fourth of leaf-mold. It will root from the young growths in early spring, which can be planted out in good soil end of May. But with tariff included we can get fine plants landed here at a cost that it would be

impossible to grow them as good for the same money.

You don't want a great many of them; about one to every ten Azalea indica you grow. Plants in 6-inch pots, well flowered and fixed up with a red ribbon, do look novel and attractive, and a limited number find a ready sale.

When they arrive soak the ball and then pot firmly and put in a house at about 45 degrees. To bring them in for Easter you must watch them and gradually give them more heat, but not suddenly. Freshly imported plants if forced in much heat, as you can an azalea, will shed their flowers.

Plants unsold the first spring will be much better and more satisfactory the second year. End of April cut them back to within an inch or two of the old growth and put them into a good heat and keep syringed. They will make a bushy growth with a number of shoots. Early in June plunge them out in the broad sun, well covering their pots, and in the hot weather don't let them suffer for water. In July or earlier mulch the surface of the pots with an inch of half decomposed cow manure; this will add greatly to their robustness. Bring in before any danger of frost and keep in a temperature of 45 degrees; warmer if you want them earlier than Easter. These will be far better plants and be much more satisfactory to the purchaser than the newly imported.

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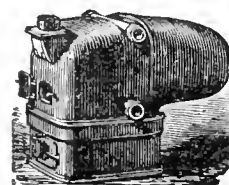
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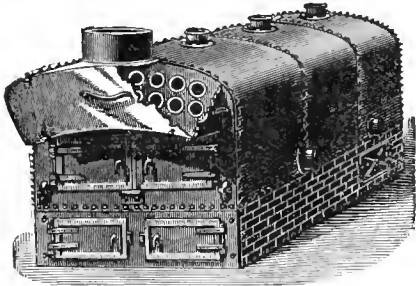
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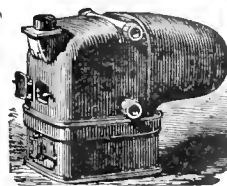
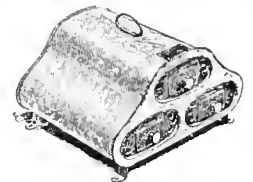
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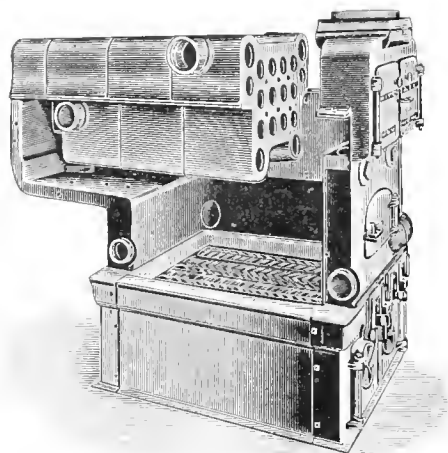
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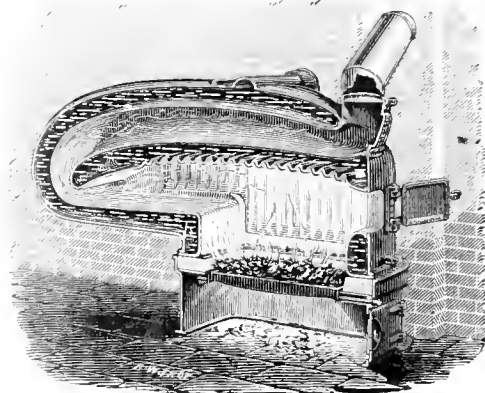
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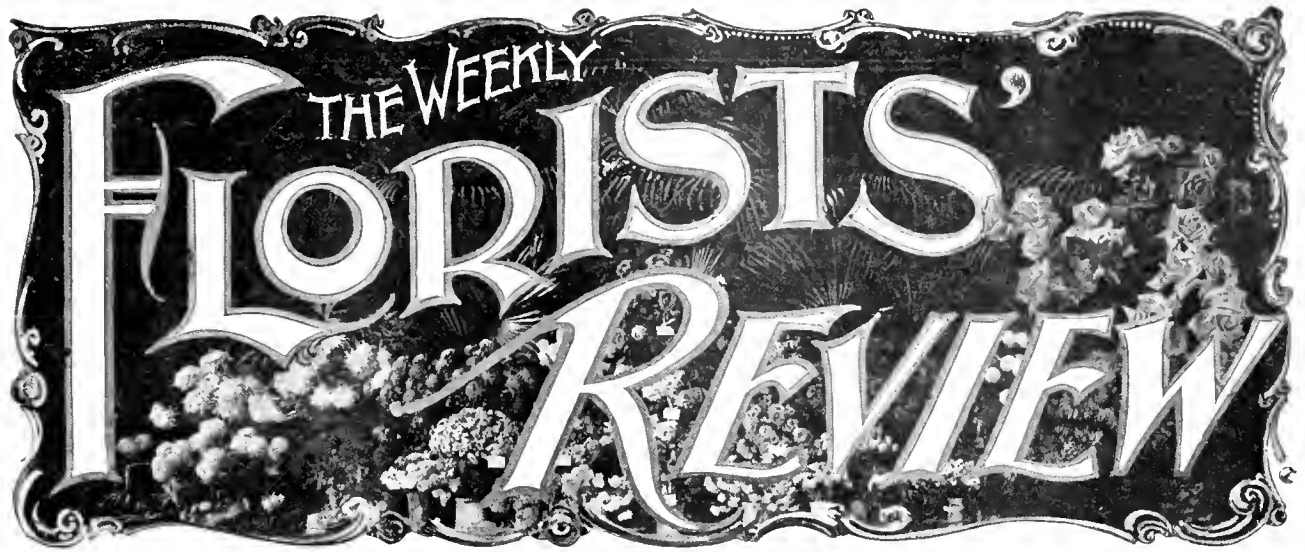
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Vol. IV.

CHICAGO AND NEW YORK, NOVEMBER 23, 1899.

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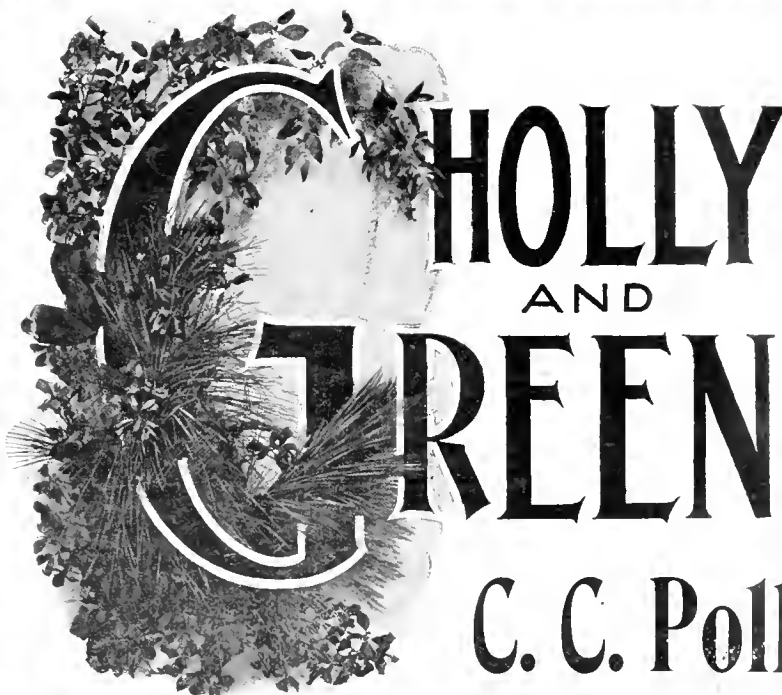
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THE EXHIBITIONS.

HARTFORD, CONN.

The annual chrysanthemum exhibition of the Connecticut Horticultural Society opened Monday evening, Nov. 13, at Putnam Phalanx Armory, in a very auspicious manner. Certainly, considering the late warm weather this year which has troubled growers so much, the blooms were exceptional. A fine orchestra playing the latest popular airs did much to make the evenings enjoyable.

Among the specialties were a large vase of the magnificent Mrs. Thomas W. Lawson carnation, which occupied the place of honor and well deserved it. Through the courtesy of Mr. Thomas Galvin, of Boston, the florist who has so ably managed the introduction to the public of this queen of the flower world, these blooms were secured. Two bunches of Gros Colman grapes with each berry as large almost as "pullets'" eggs attracted much attention. These were grown by Walter Angus, gardener to R. and H. Scoville, Chapinville, Conn. Mr. Angus made one of the prettiest arrangements of low foliage plants ever seen in this city. He received first prize for this as well as many other meritorious exhibits.

Collections of pressed and mounted native wild flowers, or herbariums, were shown from many of the public schools throughout the state, also from the children themselves. These showed a very encouraging progress compared to last year. Evidently the parents and teachers are awakening

to the importance of this work and are ably assisting the society in carrying it on.

Most of the newer varieties of mums were shown and many a pencil and card were used in jotting down their names for future use.

Mum plants were given out free in June to school children to be grown by them for this exhibition. After considerable thought on the subject, a special scale was devised for judging these plants, which was: general effect, 50; foliage, 20; size and quality of bloom, 15; size of plant, 15; total, 100. The idea was to count more on evidences of care in growing, tying, etc., than on flowers. A considerable number of entries were made in this class, with results quite gratifying to those interested in the scheme.

This plan could be followed to advantage by all the horticultural societies in the country, as it cultivates in the children a love of, and consequently, an appreciation for the beauties of nature however manifested. A gold medal for the best plant, and a silver medal for the next best, were awarded, as well as special certificates of merit for all the plants which showed good evidences of care on the part of the young growers.

"Jadoo" plants were shown and took two extra prizes. Several other plants which were grown in a mixture of the fibre and soil were well worthy of prizes. All of them showed how "Jadoo," intelligently used, can aid the grower in turning out a heavily foliated and heavily flowered plant.

Among the new varieties shown were Mlle. Lucie Faure, Mrs. N. Moly-

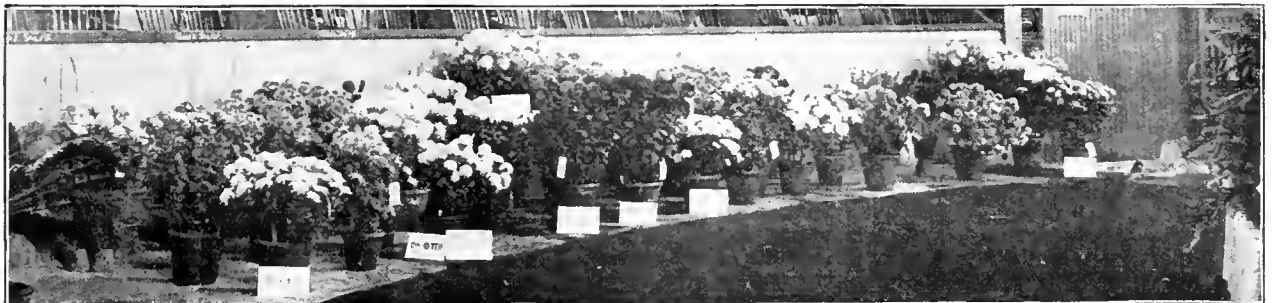
neaux, Thornden, Phenomenal, Crowning Glory, Black Hawk, Jubilee, Mme. Ferlat. The first prize for four plants, yellow was awarded for H. W. Rieman, Yellow Fellow, Solar Queen and Miss Georgiana Pitcher. Four plants, white, were for Western King, Child of Two Worlds, Mrs. H. Weeks and Merza. These last eight varieties were grown in soil and Jadoo. A fine standard was shown, also grown in Jadoo. Etoile de Lyon was the variety. First prize for specimen Chinese was for a magnificent plant of Miss Georgiana Pitcher. Specimen Japanese, first prize for Yellow Fellow—all awarded to Thomas Dryden.

John Coombs had the best cut blooms in collections and was awarded first prize for the following varieties: W. H. Lincoln, Helen Bloodgood, Mutual Friend, Belle of Castlewood, Vivian-Morel, Autumn Glory, Invincible, Mayflower, Yellow Fellow, Mrs. W. R. Douglass, Marion Cleveland, Minnie Wanamaker, Philadelphia, Modesto, Solar Queen, Edith Gunnison, H. W. Rieman, Etoile de Lyon, Mme. Carnot, Eda Prass, Frank Hardy, Wm. H. Longfellow, Mrs. H. Weeks, Wm. H. Chadwick.

Specimen bloom, 1st prize for Modesto; 2nd for Mrs. G. Morgan.

Elizabeth Park exhibited some exceptionally well-grown blooms of Souv. de petite Ami, Yanoma, Western King, Eda Prass, Chebeaque, Marguerite Jeffords, Zulinda and Portia.

Best twelve blooms yellow, 1st for Golden Wedding; 2nd, Minerva. Best twelve blooms pink, 1st, Belle of Castlewood; 2nd, Helen Bloodgood. Best twelve blooms white, 1st, Mrs. H.



Some plants at the St. Louis show.

Weeks; 2nd, same variety. Best twelve blooms red, 1st, Cullingfordii.

Among the carnations the best exhibit was from J. L. Fillow, Westport, Conn, which was very fine for early in the season, and comprised the leading older and newer sorts.

One variety, especially, a seedling, Floriana, was very much admired.

James W. Withers, of American Gardening, was one of the judges.

R.

ST. LOUIS.

The ninth annual chrysanthemum show opened in the large Coliseum exposition building on Tuesday night, November 14. It rained, as usual, and the attendance was very slim. The hall was handsomely decorated with flags and bunting. The ground floor was devoted to the entire exhibition.

It was the best and largest show ever given by the local club; this was the verdict of all who saw it; but financially it was a failure, and especially when one of the club members run and advertised a free chrysanthemum show at one of our largest department stores the same week. The opinion of all the visiting florists is that he should be severely dealt with at the next meeting of the club. His name need not be mentioned, as his reputation is known all over the country as a "Great I Am," and his policy of rule or ruin is also known by every member of the S. A. F.

Several of our local growers made it

chrysanthemum show, the better it will be for the craft at large.

The judges during the week were Julius Koenig, Jr., and F. J. Fillmore on all cut chrysanthemums; Charles Connon, Sr., Max Herzog, Eugene Wurst, A. S. Halstedt, Henry Emmons, and Julius Koenig, Jr., on plants; Emil Schray, Charles Beyer and Julius Schray, on cut roses and carnations. The above judges did their work well, and not one complaint was made. A good word must also be said for Fred Meinhardt, who was the assistant manager; Fred was always on hand when wanted. George Windler and young Mr. Carr greatly helped the different committees in their work, which was commended by the public. A full list of awards at the show follows:

Shaw Premiums.

For a plant of decided merit for cultivation, not previously an article of North American commerce, and introduced to such commerce by the exhibitor during the year in which said award was made: First prize, gold medal (value \$25), to Henry T. Clinkaherry, gardener to Mrs. C. G. Roebing, for new American seedling eypripedium James K. Polk. For the largest and best collection of named palms, not less than twelve kinds: First, Wm. Schray; second, Charles Beyer; third, Michel Plant and Bulb Company. For the best and largest collection of named begonias, not less than twelve kinds: First, Wm. Schray; second,

exclusive of chrysanthemums: First, Wm. Schray; second, Geo. Windler; third, C. Young & Sons Company. Best twelve named geraniums in bloom, grown in not over 12-inch pots: First, F. J. Fillmore; second, Charles Beyer; third, C. Young & Sons Company. Best and most tastefully arranged fernery filled with growing plants, not over twelve inches in diameter: First, Michel Plant and Bulb Company; second, Wm. Schray; third, C. C. Sanders. Best pair named climbing plants: First, Wm. Schray; second, Charles Beyer; third, C. C. Sanders.

Best pair Asparagus Sprengeri: First, W. E. Jordan; second, Wm. Schray; third, Chas. Beyer. Best ten named cyclamen in bloom: First, Wm. Schray. Six plants of Acalypha Sanderi in bloom: First, Wm. Schray; second, F. J. Fillmore. Ten named coleus: First, F. J. Fillmore; second, Wm. Schray; third, Michel Plant and Bulb Company. Specimen araucaria: First, Charles Beyer; second, C. C. Sanders; third, F. J. Fillmore. Best specimen *Areca lutescens*: First, Charles Beyer; second, Wm. Schray; third, C. C. Sanders.

Specimen *Howea Belmoreana*: First, Chas. Beyer; second, Wm. Schray; third, C. C. Sanders. Specimen *Howea Forsteriana*: First, Chas. Beyer; second, Wm. Schray. Specimen *Livistona chinensis*: First, Chas. Beyer; second, Wm. Schray; third, C. C. Sanders. Specimen *Pandanus utilis*: First, Chas.



Some big blooms at the St. Louis show.

very unpleasant for the management for being ruled out of competition for not staging their exhibits on time. Our rule that cut flowers must be staged by noon on days named for their exhibition was strictly enforced. One florist, after being ruled out, took all his other entries away which he had staged on time, with unpleasant remarks as to the rules. And the manager must stand all these knocks and kicks for doing his duty and obeying the instructions of the club. I think the least said about the ninth annual

Michel Plant and Bulb Company. For the largest and best collection of named ferns, not less than twelve kinds: First Michel Plant and Bulb Company; second, Wm. Schray; third, Charles Beyer.

For the largest and best collection of named foliage plants, with variegated leaves, not less than twelve kinds, begonias and ferns excluded: First, Wm. Schray; second, Michel Plant and Bulb Company; third, Chas. Beyer. Best collection of twenty-five blooming plants for house decoration,

Beyer; second, C. C. Sanders; third, F. J. Fillmore. Specimen decorative plant other than the above: First, Charles Beyer; second, Wm. Schray; third, W. E. Jordan.

This ends the list of Shaw prizes.

General Premiums.

Chrysanthemum plants in bloom, one plant in a pot: Best single specimen, white: First, J. C. Vaughan; second, C. Young & Sons Company; third, A. Meyer. Single specimen, yellow: First, Wm. Schray; second, A. Meyer; third,

Chas. Beyer. Specimen, pink: First, Wm. Schray; second, A. Meyer.

Best ten specimen plants, not less than five varieties, grown in not over 12-inch pots: First, Wm. Schray; second, Charles Beyer. Five specimen plants in five varieties, grown in not over 12-inch pots: First, A. Meyer; second, Chas. Beyer. Specimen plant,

inch pots. Best fifty plants, one or more varieties: First, A. Meyer; second, Wm. Schray; third, Chas. Beyer. Best twenty-five plants, white, one variety: First, Wm. Schray; second, A. Meyer. Twenty-five plants, pink, one variety: First, A. Meyer. Twenty-five plants, yellow: First, A. Meyer; second, Wm. Schray. Twenty-five plants,

End Floral Park. Twenty-five pink, one variety: First, W. J. & M. S. Vesey.

Cut roses: Ellison & Tesson, first for 25 Souv. de Wootton and 10 American Beauty; F. J. Fillmore, for 25 Bridesmaid and vase of Perles; J. F. Ammann, for 25 Perles.

Cut carnations: W. J. & M. S. Vesey, first for 50 Scott and 50 Jubilee;



A group at the St. Louis show.

not disbudded, not tied, and with no artificial support: First, Wm. Schray; second, Chas. Beyer.

Best specimen plant grown with twelve flowers, plant showing at least two inches of clear stem: First, C. Young & Sons Company; second, Wm. Schray. Three plants, yellow, pink and white, three plants allowed in a pot: First, A. Meyer; second, Wm. Schray. Three plants, white, pink and yellow: First, Chas. Beyer; second, A. Meyer. Three specimen plants, any color: First, Chas. Beyer; second, George B. Windler. Three specimens, different colors: First, Charles Beyer; second, C. Young & Sons Company. Three plants, pink, yellow and white: First, Geo. B. Windler; second, Chas. Beyer. Three plants, white, yellow and pink: First, A. Meyer; second, Chas. Beyer. Three specimen plants, any color: First, Chas. Beyer; second, William Schray.

Best three specimen plants, assorted colors: First, Wm. Schray; second, A. Meyer. Three specimen plants in three colors: First, Wm. Schray; second, Geo. B. Windler. Three plants, white, pink and yellow: First, Wm. Schray; second, A. Meyer. Three plants, yellow, white and pink: First, William Schray; second, A. Meyer.

Grown as standard, showing not less than twenty-four nor more than forty inches from top of pot to first break: Specimen plant, white: First, William Schray; second, A. Meyer. Specimen plant, yellow: First, William Schray; second, A. Meyer. Specimen plant, pink: First, Wm. Schray. Specimen plant, any other color: First, Wm. Schray; second, A. Meyer.

Grown to one flower in not over 5-

assorted varieties: First, Chas. Beyer; second, A. Meyer. Twelve plants, four white, four yellow, and four pink: First, J. C. Vaughan; second, Charles Beyer. Twenty-four plants, eight yellow, eight pink, and eight white: First, Chas. Beyer; second, A. Meyer.

Carnations, plants in bloom: Best twenty plants of carnations in bloom, not more than five of any one kind: First, F. J. Fillmore; second, William Schray.

Groups of chrysanthemum plants. Best arranged group, to cover fifty square feet: First, Geo. B. Windler; second, Chas. Beyer. Best arranged group, to cover 100 square feet: First, Charles Beyer. Best arranged group, to cover 100 square feet: First, Charles Beyer; second, C. C. Sanders. Best arranged group, to cover twenty-five square feet: First, Julius Koenig, Jr.; second, A. Meyer.

Specimen palms, one prize offered in each section. Chas. Beyer made a clean sweep, taking firsts for best pair specimens, best two, single specimen, two specimens, best two again, same again, best specimen for house decoration, three specimens for house decoration, four specimens for same, and two palms in two varieties.

Cut blooms of chrysanthemums, on stems not less than 18 nor more than 30 inches, to be exhibited without any artificial support. Forty-eight blooms, eight sorts, six in each vase: First, C. Young & Sons Company; second, Wm. Schray. Twenty-five white, one variety: First, W. J. & M. S. Vesey, Fort Wayne, Ind.; second, West End Floral Park, Belleville, Ill. Twenty-five yellow, one variety: First, J. F. Ammann, Edwardsville, Ill.; second, West

J. F. Ammann, for 50 Daybreak; Chicago Carnation Company, for best vase of variegated.

For floral design representing trademark of the Missouri, Kansas & Texas railroad, C. Young & Sons Company, first; Ellison & Tesson, second.

Awards on Wednesday.

Second day. Attendance good. Weather fair.

Chrysanthemum blooms on stems not less than eighteen nor more than thirty inches, to be exhibited without any artificial support; no restriction as to length of stem, in vases of twenty-four or more. Vase of twenty-five blooms, assorted colors: First, N. Smith & Son, Adrian, Mich.; second, C. C. Sanders. Vase of twenty-four blooms, three varieties: First, Smith & Son; second, W. J. & M. S. Vesey. Vase of fifty blooms, quality and arrangement to be equally considered: First, Wm. Schray; second, N. Smith & Son. Vase of twenty-five Bonnaffon: First, G. Teilman, Marion, Ind.; second, W. A. Chalfant, Springfield, Mo.

Cut roses. Firsts to Ellison & Tesson for 25 The Bride and vase of 18 American Beauty; to W. J. & M. S. Vesey for 25 Meteor and vase of any pink rose.

Cut carnations: Firsts to Chicago Carnation Company for 50 white and 50 any other red; to H. Weber & Sons, Oakland, Md., for 50 any other pink.

Ellison & Tesson won first on design representing trademark of the 'Frisco Railroad Company.

Awards on Thursday.

Third day. Attendance fair. Weather clear.

Chrysanthemums on stems not less than 18 nor more than 30 inches, to be exhibited without any artificial support. No restrictions as to length of stem in vases of over 24 blooms: Best vase of cut blooms, white: First, W. J. & M. S. Vesey. Twelve blooms Golden Wedding: First, James Hartshorne; second, N. Smith & Son. Vase of fifty blooms, quality and arrangement to be equally considered: First, Wm. Schray; second, C. Young & Sons Company. Vase of 24 blooms in three varieties: First, N. Smith & Son; second, W. J. & M. S. Vesey. Vase of white cut blooms grown in natural clusters: First, Wm. Schray.

Cut roses: Ellison & Tesson took firsts for four vases, fifteen of a kind, and for 25 blooms American Beauty; J. F. Ammann for vase of 50 Perle des Jardins.

Cut carnations: W. J. & M. S. Vesey won firsts for 40 Jubilee and 50 Day-break; Chicago Carnation Company for 100 Scott.

Ellison & Tesson were first for floral design representing trade-mark of Missouri Pacific Railroad Company.

Awards for Friday.

Fourth day. Rain. Attendance poor.

Chrysanthemum blooms: Vase of 50, quality and arrangement to be equally considered: First, Wm. Schray; second, W. J. & M. S. Vesey. Vase of yellow: First, F. Windt. Twelve Bonnaffon: First, Wm. Schray; second, W. J. & M. S. Vesey. Vase of blooms in not less than 12 varieties: First, Jas. Hartshorne. Vase of yellow, grown naturally: First, Wm. Schray.

Cut roses: Firsts to Ellison & Tesson for 25 Beauties, 50 Bridesmaids and 25 Beauties.

Cut carnations: H. Weber & Sons, for vase of 25 seedlings in one or more varieties; vase of 50, and best and largest display of new carnations.

Table decoration: Ellison & Tesson first; also for 200 single violets. Henry C. Ostertag, first for best and largest display of double violets.

Awards on Saturday.

Fifth day. Rainy weather. Attendance very poor.

Shaw premiums for cut chrysanthemum blooms: Twelve blooms of The Queen: First, Michel Plant and Bulb Company; second, Wm. Schray. Twelve blooms of Major Bonnaffon: First, H. Weber & Sons; second, G. Teilman; third, W. A. Chalfant. Twelve blooms, any other white variety: First, Michel Plant and Bulb Company; second, C. C. Sanders; third, H. Weber & Sons. Twelve blooms of any pink variety: First, H. Weber & Sons; second, G. Teilman; third, W. J. & M. S. Vesey. Twelve blooms of any variety introduced in 1897, 1898, or 1899: First, W. A. Chalfant; second, W. J. & M. S. Vesey; third, H. Weber & Sons. Twelve blooms of any other yellow variety: First, Michel Plant and Bulb Company; second, W. A. Chalfant; third, H. Weber & Sons.

Visitors at the show: James Hartshorne, James S. Wilson and M. Barker, Chicago; A. T. Hey, Springfield, Ill.; G. M. Kellogg, Pleasant Hill, Mo.; J. M. Foreman, Louisiana, Mo.; W. J. Vesey and M. S. Vesey, Fort Wayne, Ind.; W. A. Chalfant, Springfield, Mo.; W. H. Gullett, Lincoln, Ill. J. J. B.

TORONTO.

From an Outsider.

The tenth annual chrysanthemum show held by the Toronto Gardeners' and Florists' Association, though perhaps not quite so large as usual, was fully up to the mark in quality—in fact, I think the cut chrysanthemums and the roses were bigger and better than ever, and the show of orchids was certainly the most magnificent display ever put up in Canada (I won't say on the continent, because I am not sure of what they have in Boston).

The exhibitors of orchids had agreed among themselves as to the prizes, and had filled the stage of the pavilion with one grand bank of palms, ferns and orchids built up with pieces of moss-covered bark, the effect of which from the body of the hall, especially at night, was truly grand. Mr. Goodier, who now looks after the stove and green house at Exhibition Park, is to be congratulated on the improvement noticeable in condition of the orchids, and, in fact, all the plants under his charge. Mr. Collins, at the Horticultural Gardens, with a smaller collection, is also keeping his plants up to a high standard. Manton Bros. showed a fine lot of *Cattleya labiata* autumnale and *ocnidiums*.

Carnations struck me as not being quite up to the usual standard; the most noticeable among them all was a vase of 50 G. H. Crane, shown by Mr. H. Dale. I regret that I had not time to go into particulars as to the other sorts exhibited. Miller & Sons put up several of their new seedlings for competition among others, and Mr. Gammage, of London, put up a collection not for competition. In roses Dale and Dunlop as usual about equally divided the honors, both showing some magnificent blooms, such as can only be seen at a Toronto show. In the vase of 50 roses, Dunlop captured first with American Beauty, and Dale was second with Bridesmaid, blooms that were simply immense, perfect and impossible to beat. Violets were very good. Farquhar and Princess of Wales being specially conspicuous, the former being grown by Dale, the latter by Manton Bros.

The exhibit of chrysanthemum plants grows smaller and beautifully less every year; the single stem plants were, however, very fine. In chrysanthemum blooms I must again express regret that I was unable to go into particulars. What seemed to strike me most was some very fine Niveus exhibited by Dale and the monster white seedling shown by Miller & Sons, which he has named "Timothy Eaton"

(of department store fame). The size of these blooms exceeded anything ever seen on this side (or any other side, I should think). It was awarded first in vase of 12 blooms, special for the largest bloom in the show, and a certificate of merit. The stiff, strong, well leaved stem seemed quite capable of holding up the weight of the bloom.

The groups were as usual all very pretty and well arranged in the various styles of the different exhibitors. In the foliage plant groups, the two first—Horticultural Gardens and Exhibition Park—were so close that one plant in each made the difference between them.

In the floral design class the competition was very keen, and the judge—Mr. Wm. Gammage—had his hands full. The judgment in the 24-inch standing anchor section was somewhat of a thunderclap to some of the boys, but the judge was fully able to sustain his decision. Mr. J. Simmons took first prize.

The amateur show of the Horticultural Society, put up in a room off the main hall, showed a marked improvement over that of former years, some of the chrysanthemum blooms being quite as good as those shown in the professional classes. Up to Thursday evening, when I left, it looked as if the show was going to be a financial success; the first day's receipts were considerably larger than last year.

It was a great pleasure to the writer to meet so many old faces again, and he spent a most enjoyable couple of days among them, his great regret being that he could not, in accordance with the rules and regulations, award them all first prizes.

Mr. George Mills made a most efficient and able superintendent, and the arrangement of the hall was all that could be desired. The competition in many cases was so close and keen that when the prize tickets were put on the judges were exposed to a fusillade of questions as to why they had done this, that and the other, all in a most good-natured way, though—so good-natured that the judges were sorry they were unable to stay longer to finish the discussion. Mr. D. Robertson, of Reservoir Park, as secretary, appeared to be holding up his end in a business-like way, and everything in his department was carried on without a hitch.

ORANGE, N. J.

The exhibit announced for but one afternoon and evening was held despite the rain and dense fog, and was a free testimonial from the society to their friends among the craft and the public. It was the combined effort of but sixteen exhibitors but represented the best skill from Summit to Hoboken. It was about equally divided between chrysanthemums and ornamental greenhouse plants such as dracaenas, crotons, orchids and such.

Among the first, the work of Peter Duff, gardener to Mr. John Crosby

Brown, attracted general attention. His chrysanthemums were conceded by eminent authorities present from Boston and Madison to be equal, if not superior, to those shown at either of those places or at Millbrook or Tarrytown. His specimen trained chrysanthemums represented the highest gardener's art, where not only perfection of form was secured but almost uniform size of blooms. These were individual plants grown from one stalk in 12-inch pots and numbering from one hundred and fifty blooms to nearly three hundred blooms in the largest example shown. The Garza was particularly fine and the beauty of this true anemone type was greatly admired. His W. H. Lincoln and Ivory were as near perfection as a piece of Parisian artificial flower maker's work. His skill was also shown in palms and dracaenas. Twelve

Messrs. Popken & Collins had a decorative group where chrysanthemum blooms were cleverly mingled with ferns and plants.

Mr. J. C. Williams, the well known nurseryman of Montclair, exhibited some fine fruit, consisting of apples and pears.

Mr. O. D. Munn's fine crotons, which ornamented the terrace last summer, were there, but John Hayes had left the terrace behind, though the grouping here was harmonious.

The judges were Mr. William Duckham, of Madison; Mr. W. A. Manda, of South Orange, and Mr. A. D. Rose, of Montclair. The winners of the highest award, a first class certificate, were Peter Duff, gardener to Mr. John Crosby Brown, for six specimen chrysanthemum bushes, also for a group grown in 6-inch pots; Dietrich Kindsgrab

Cattleya labiata, and to Malcolm MacRorie for specimen *Kentia Forsteriana*.

The meeting was called to order by the president at a late hour, when the floor was somewhat clear, to permit some remarks from visitors there from a distance, upon "Flower Shows," and Mr. Duckham, of Madison, was the first speaker. "This was the third show he had been to in a week and it was exceeded by none, being ahead of Tarrytown."

Mr. W. J. Stewart, of Boston, told of the societies of Boston and Philadelphia, both old and richly endowed institutions, and as to how they had achieved their success by clever real estate investments, after a bequest of a sum of money.

Dr. J. M. W. Kitchen declared that he was ashamed of the Oranges, that so few were there, when it merited so



Miscellaneous Plants at the St. Louis show.

blooms in 6-inch pots were awarded a first certificate.

A decorative group comprising many rare and beautiful greenhouse plants, the work of Dietrich Kindsgrab, gardener to Mr. William Runkle, was much admired for the admirable grouping and perfect harmony of color besides their skillful growing. The brilliancy of color in fine crotons Mr. Kindsgrab said was due to their having been planted out in the open all summer.

The new rose, "Liberty," grown by Ernst Asmus, of West Hoboken, was much admired for its color and form; it received the society's highest award.

A collection of cypripediums exhibited by W. A. Manda, of South Orange, was up to this skillful artist's usual work in this line and for which he is so justly famed; it also received the highest certificate.

Malcolm MacRorie, gardener to Dr. H. A. Mandeville, and George Smith, gardener to Mr. Sydney Colgate, had both some fine chrysanthemum blooms and their skill was shown by other exotics.

gardener to Mr. William Runkle, for a decorative group; W. A. Manda, of South Orange, for a collection of cypripediums; Ernst Asmus, of West Hoboken, for the new rose, "Liberty."

Certificates of merit were awarded to John May, of Summit, for a collection of pompons; to J. C. Williams, of Montclair, for a display of fine fruit; George Smith, gardener to Mr. Sydney Colgate, for a decorative group and for twelve chrysanthemum blooms; Malcolm MacRorie, gardener to Dr. H. A. Mandeville, of South Orange, for a vase of chrysanthemum blooms; John Hayes, gardener to Mr. O. D. Munn, of Llewellyn Park, for a decorative group of crotons and other plants; Popkin & Collins, Orange, for a decorative group, and the two amateur exhibitors, Walter Gray, of Watessing, and Joseph B. Davis, of "Wildmont," for a collection of plants.

Certificates of high commendation were awarded to George Smith for specimen chrysanthemum blooms; to Robert McInness, gardener to Mr. B. O. Chisholm, for violets, to Geo. Von Qualen, gardener to Mr. T. C. Barr, for

much from a community of 70,000 persons, and thought the effort to attract any of the outside public misapplied; that for his part he was done trying to bring the public to the shows. He admitted that he was pessimistic, but advised the society to keep the enjoyment of these beautiful objects to themselves, and terminated his remarks with the exclamation of "Hang the public!"

Mr. James I. Donlan, of New York, made a practical demonstration on the art of arranging flowers. He prefaced this, however, by remarking that he thought Dr. Kitchen's remarks had been caused by the sight of so many white flowers, which to one who had been the cause of so many funeral scenes it must depress, but his ideas might change on the morrow. He had thought the attendance exceedingly good and he had been present from an early hour in the afternoon and had watched the numbers who had passed in and out of the room in that time with pleasure.

Mr. Donlan discoursed with his usual eloquence and suavity and dwelt on

the harmony of color. Taking up the exhibit of pompons, he declared them the flowers of the future, and to the exclusion of the big blooms, because they combined and produced effects foreign to those other flowers, and concluded with a short historical sketch of flower cultivation from the time of the Romans, who threw violets before their heroes in processions, promising at some future time more upon this subject.

An exhibit of "The Flowers of the Philippine Islands" was announced for the December meeting.

JOSEPH B. DAVIS, Sec'y.

BALTIMORE.

The annual chrysanthemum show of the Gardeners' Club of Baltimore opened on the 13th and ran the whole week. Fine weather and liberal notices in the daily press failed to produce the attendance of former years, showing that public interest has faded.

The judges were Messrs. W. P. Craig, John Westcott, John Burton, Robert Kift, G. C. Watson and Charles W. Cox, of Philadelphia. Messrs. William Scott, of Buffalo; Ashmann, of Philadelphia; H. Dryer, of New York; Michell, of Philadelphia; H. Eichholz, of Waynesboro, Pa., and H. Weber, of Oakland, were also with us. The visit

The Awards.

Chrysanthemums (plants, best specimen, size of pots unlimited)—First, William Paul Binder; second, Fischer & Ekas. Three standards, not less than 2 feet to first branches, first, William Paul Binder; second, Fischer & Ekas. One standard, not less than 2 feet to first branches, first, William Paul Binder; second, Fischer & Ekas. Three standards, not less than 1 foot to first branches, first, Fischer & Ekas; second, William Paul Binder. One standard, not less than 1 foot to first branches, first, William Paul Binder; second, Fischer & Ekas. Group of 25 plants, 5 to 7 inch pots, first, Halliday Bros.; second, Edward Herman; third, James Smith. Fifty plants, single stem, not more than six of one variety, first, W. P. Binder; second, Fischer & Ekas. Twenty-five plants, single stem, not more than four of one variety, first, Fischer & Ekas; second, W. Paul Binder. Twelve plants, single stem, 12 varieties, first, Fischer & Ekas; second, W. Paul Binder.

Cut blooms of Chrysanthemums, 25 (25 varieties)—First, Halliday Bros.; second, H. Weber & Sons, Oakland, Md.; third, William Paul Binder. Twelve blooms (12 varieties), first, Henry Eichholz, Waynesboro, Pa.; second, James A. Gary; third, Weber & Sons, Oakland. Twelve white (1 variety), first, Halliday Bros.; second, Howard Adams, gardener to S. Shoemaker; third, E. A. Montgomery. Twelve yellow (1 variety), first, Cook Bros.; second, James A. Gary; third, William E. Sands. Twelve blooms, pink (1 variety), first, James A. Gary; second, Henry Eichholz; third, H. Weber & Sons. Twelve blooms, crimson (1 variety), first, H. Weber & Sons; second, William Paul Binder; third, Howard Adams. Twelve, bronze (1 variety), second, E. A. Montgomery; third, William Paul Binder. Seedlings not in commerce, certificates of merit, white, James A. Gary.

Roses—25 red, one variety, first, H. Weber & Sons; 25 pink, one variety, first, Isaac H. Moss; 25 yellow, one variety, first, Henry Eichholz; and second, Isaac H. Moss; 25 white,

variety, first, Halliday Bros., second, I. H. Moss, and third, M. Rider; 50 red, one variety, first, H. Weber & Sons, and second, Halliday Bros.; 50 pink, one variety, first, H. Weber & Sons, second, Henry Eichholz, and third, Halliday Bros.; 50 striped, one variety, first, H. Weber & Sons, and second, Halliday Bros.; seedlings not disseminated, two years in cultivation, certificate of merit, white, H. Weber & Sons; pink, Robert Craig, Philadelphia; red, Charles Wagner; 12 carnations in bloom, 6 varieties, first, certificate of merit to Halliday Bros., second, for new carnations, "Mack," Richmond; six carnations, 6 varieties, in bloom, first, Cook Bros.

Geraniums—Six plants, standards, 1 foot to lowest branches, first, Fischer & Ekas, and second, C. Gregorius; six plants geranium, bush form, first, C. Gregorius, and second, Fischer & Ekas.

Decorative Plants—Group of decorative plants to cover 80 square feet, first, I. H. Moss; second, Fred G. Burger, and third, William Paul Binder; 12 specimen ferns, not less than 6 varieties, first, William Paul Binder, and second, James Simpson; three jardinières, filled for effect, without covers, first, Edward Montgomery; second, James Simpson, and third, Fischer & Ekas; group of miscellaneous plants, H. Eichholz, certificate of merit, and Charles L. Seybold, special mention; mantel decorations, first, E. A. Seidewitz, and second, Welsh & Perry; table decoration, no competition; special mention to Welsh & Perry.

Special Premiums—For 12 bush plants, 12 varieties, Fischer & Ekas; for 10 bush plants, 10 varieties, Fischer & Ekas; for 4 plants, 4 varieties, Edward Herman; vase of 12 blooms, American Beauty roses, Isaac H. Moss; 3 standards, Chrysanthemums, 3 varieties, Fischer & Ekas; 3 bush plants, 3 varieties, Fischer & Ekas; best seedling Chrysanthemum, never before exhibited, two years in cultivation, William Paul Binder; for 10 bush plants, 6 varieties, not over 14 pots, Fischer & Ekas; for 4 vases Chrysanthemums, 12 blooms each, 4 varieties, Halliday Bros.; vase 24 blooms, 3 distinct varieties and colors, H. Weber & Sons.

The prize for best specimen bush plant, Fischer & Ekas; for best 25 blooms, in not less than 12 varieties, Fischer & Ekas; largest and best collection cut roses, six blooms each, I. H. Moss; largest and best display of cut carnations, H. Weber & Sons; best original novel design, Welsh & Perry.

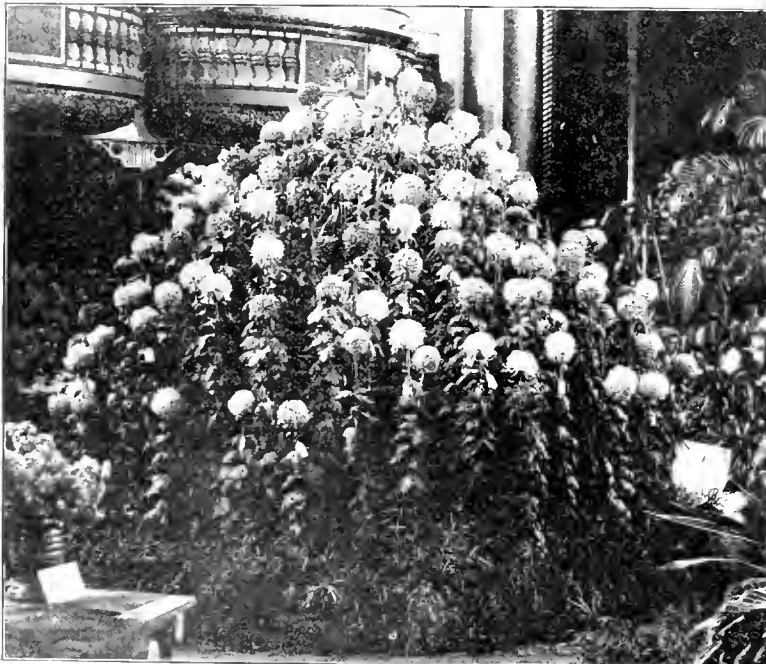
Prize for best 12 blooms chrysanthemums of one variety of pink, William Paul Binder. Prize for 24 roses, four varieties, I. H. Moss; Gold medal, two best standard chrysanthemums, William Paul Binder. Two standard chrysanthemums, William Paul Binder. Prize \$5 by R. Vincent, Jr. & Son, Whitmarsh, Md., best collection pompon chrysanthemums. Open-to-all gold medal, best 25 blooms light pink carnations, not in commerce, H. Weber & Sons. Prize \$15, 24 blooms white chrysanthemums, Howard Adams, gardener to Samuel Shoemaker.

The club's banquet was held the evening of the 13th, with about seventy present, and the judges and other visitors were guests. A welcome was extended by President N. F. Flitton and Mr. W. B. Sands acted as toastmaster. Among the speakers were Messrs. Wm. Scott, Buffalo, N. Y.; W. P. Craig, John Westcott, John Burton, Robert Kift, G. C. Watson and G. Aschmann, all of Philadelphia; H. Dryer, New York, and G. O. Brown, Charles Seybold, R. Halliday and N. F. Flitton, of Baltimore.

G. T.

ELMIRA, N. Y.

The Elmira Horticultural Society held their second annual chrysanthemum show on November 15, 16 and 17. There was an advance all along the line in quality of bloom, and the show was a success in every way. Mr. Grove P. Rawson decorated the stage in a very attractive and striking manner. The center piece, a large mirror with natural wood frame, decorated with chrysanthemums that harmonized beautifully, was much admired. E. M. & H. N. Hoffman carried off the prize



First prize group of Chrysanthemums at the Tarrytown, N. Y., show. Entered by Mr. Chas. Graef.

of these gentlemen was one of the most pleasant features of the exhibition.

Decorative plant exhibits were good; chrysanthemum plants as a whole were not equal to former exhibits, but the cut blooms showed much improvement. Several entries were especially fine and received special mention.

one variety, first, H. Weber & Sons, and second, Isaac H. Moss.

Violets—200, first, Thomas Stevenson, and second, C. Gregorius.

Carnations, Cut Blooms—100 any one variety, first, Isaac H. Moss, and second, Halliday Bros.; 50 any one variety, first, H. Weber & Sons, second, Halliday Bros., and third, Isaac H. Moss; 6 vases, 25 blooms each, 6 varieties, first, Halliday Bros.; second, H. Weber & Sons, and third, Isaac H. Moss; 50 white, one



View of a corner of the Tarrytown, N. Y., show.

for decorative effect with dining room and table decorations in red and yellow.

Mr. George E. Fancourt, of Wilkesbarre, Pa., assisted by Mr. N. L. Moon, of Carbondale, Pa., judged the exhibits. Following is a list of the prize-winners:

Best 12, 1st, Hon. J. S. Fassett, J. B. Rudy, Gardener, with Major Bonnaffon, Belle of Castlewood, Spotswood, Modesto, Mrs. Murdock, Lorna Doone, Chempweck, Autumn Glory, Western King, Mrs. H. Weeks, Pennsylvania, Gladys Vanderbilt; 2nd, Grove P. Rawson with W. H. Chadwick, Eclipse 98, W. J. Bryan, Bonnaffon, Mayflower, Philadelphia, George West, Adles White, H. L. Sunderbruch, Brooklyn, W. K. Smith, Red Warrior.

Best 6, 1st, J. S. Fassett, with Western King, Chempweck, Mrs. H. Weeks, Pennsylvania, Lorna Doone, Belle of Castlewood; 2nd, Grove P. Rawson, with W. H. Chadwick, Eclipse 98, Pennsylvania, W. J. Bryan, Brooklyn, Rustique.

Best 6 white, 1st, Grove P. Rawson, with W. H. Chadwick; 2d, J. B. Rudy, with Western King. Best 6 yellow, 1st, Grove P. Rawson, with Eclipse 98; 2d, J. B. Rudy, with Pennsylvania. Best 6 pink, 1st, J. B. Rudy, with Autumn Glory; 2d, Grove P. Rawson, with Maud Dean. Best 6 bronze, 2d, Grove P. Rawson, with mixed vase. Best 6 red, 1st, J. B. Rudy, with T. H. Spaulding. Best variety certificated '98, J. B. Rudy, with Rough Rider.

Grove P. Rawson's new white seedling won the Elmira Board of Trade cup. Mr. Rawson also exhibited a vase of Triumph carnations that were very fine; also a vase of Golden Gate roses. E. M. & H. N. Hoffman exhibited three vases of extra fine Brides, Bridesmaids and Woottons and four vases of fine

carnations, Daybreak, Scott, Triumph and Flora Hill. The Bundy Lamp Co., Elmira, gave as a premium a new greenhouse lantern.

After carefully examining the vase of W. H. Chadwick, Mr. Fancourt said: "I consider the W. H. Chadwick the finest in cultivation, without a doubt."

Prof. Hunn, of Cornell University Experimental Department, brought over a very fine exhibit of forty or more varieties. He exhibited some fine yellows, one especially pleasing in form and color. I shall send name next week. Mr. Fancourt also exhibited some fine blooms in white and pink.

Mr. W. F. Kasting, of Buffalo, arrived on Thursday night, and the Florists had a good time in visiting the N. Y. S. Reformatory and other places of interest. S.

WORK OF THE C. S. A. COMMITTEES.

Nov. 11, 1899.

PHILADELPHIA. — John N. May, Summit, N. J., exhibited E. No. 5, a white Jap. Incurred variety scoring commercial scale 84, exhibition scale 81 points. The following three varieties were exhibited by Nathan Smith & Son, Adrian, Mich.: Orizaba, a pink Jap. Incurred, scored commercial scale 86, exhibition scale 84 points; Nesota, a yellow Jap. Reflexed variety, scored commercial scale 83, exhibition scale 88 points; No. 72, a bronze Jap. Reflexed variety, scored both scales 83 points.

Nov. 18, 1899.

NEW YORK. — John N. May exhibited Eulalie, a Jap. Anemone, white, with lemon center, which scored exhibition scale 85 points.

PHILADELPHIA. — Eulalie, exhibited by Mr. May, scored commercial scale

87, exhibition scale 89 points. Colonel D. Appleon, a Jap. Inc. yellow, exhibited by John Marshall, Purchase, N. Y., scored both scales 91 points. Robt. G. Carey, Chestnut Hill, Pa., exhibited Chestnut Hill, a yellow Jap. Incurred, which scored commercial scale 90, exhibition scale 88 points.

No reports from other committees.

ELMER D. SMITH, Sec'y.

CHRYSANTHEMUM NOTES.

The following notes on some of the new varieties may be of interest to some of your readers who cannot afford to spare the time and expense of testing new varieties for themselves. It is true many varieties are thrown out after a single trial that might, if kept for a year or two, come round all right and give satisfaction; but new varieties are being produced in such quantities that a vigorous weeding out is necessary every year, and only just the very best retained.

Probably the best of the introductions of our own growers for the current year is Mrs. Trainor L. Park, a beautiful golden yellow. It has made a great reputation for itself this year. Mrs. P. A. Constable is a beauty, but, like its parent, lora, will be found too soft for commercial purposes.

Polly Rose is good enough as an early white, and the yellow sport of Mayflower is welcome.

Of the European varieties, Calvat's 1897 seedlings show up prominently, the four best being Mlle. Lucie Faure, Soliel d'Octobre, Madame Ferlat, and Madame Deis. Feu de Champsaur and Mme. A. Braun are also in this lot, but they will be grown more for exhibition than commercial work.

Lucie Faure is a graceful, refined flower, round as a ball, and will become a general favorite if its constitu-

tion does not get impaired. Soliel d'Octobre is very good as an early yellow. In flower from October 10, M. Deis we shall try extensively next year. Calvat seems to be the most successful raiser of seedlings now living.

The man who named a red seedling Joe Chamberlain must have seen with prophetic eye the trouble coming in the Transvaal, for which some parties claim he is largely responsible. Joe will not be very popular here, unless it be for purely exhibition work. Mary Molyneux is a very tall growing pink, for which we have no future use.

Mrs. J. Tranter is a variety worth watching. It is large and symmetrical, coming white on the crown and pink on the terminal buds.

Hooper Pearson is a very deep yellow, but seems to have little beyond its color to recommend it. It is early, and has a fine stem and foliage, but the flower as compared with the stem is very small, and the stock is badly infested with rust.

Older European varieties that we do

not consider worthy of future trials are here given:

Duke of Wellington; Emily Silsbury, nice flower, but miserable stem; Mrs. Charles Keyser, large yellow, but shapeless; Ella Curtis; Royal Sovereign, broad and spreading, but deficient in petalage; Pelmo; Marie Hoste, very vigorous, but—; Hugh Crawford, a fine, vigorous grower, but the color (a yellowy brown) is away off; Neva Teichmann. This last named variety was sent out as "the darkest kind yet raised." We don't see why; we have seen lots of varieties darker in color. Whatever its past, its future is black enough, for we cast it into outer darkness, where the colors cease from troubling, and the worst is like the best.

Of the American varieties sent out in 1898, Merza stands out as the most prominent in this section. It came through a notoriously bad season without a stain on its reputation or petals. Merza will add one more to the list of Nathan Smith's successes, unless I mistake.

BRIAN BORU.



Art at the Flower Shows.

In our last note we promised to review the recent flower shows from the retail and artistic point of view, and now, after all our trouble, of visits and careful examinations, we are forced to express our disappointment and say they were scarcely worth the while. From the grower's standpoint nearly all this year's exhibitions were successes—the plants were well grown, the chrysanthemums were very large, the other cut flowers were the best that could be spared from the market. From the retailer's point of view they were mostly failures—they were all the same, there was nothing new and very little to learn at them, that is with two honorable exceptions.

The apathy shown towards our annual flower shows by the retail florists throughout the country is a matter deserving serious consideration. Most of us know 'tis useless to talk French to a stubborn mule; 'tis silly to condemn without first finding out who deserves it. If you attend club meetings, or listen to those who know it all,

you will invariably hear, "Oh, the retailers are not worth bothering with, they are too indifferent." That's all very nice for country birds to sing, but we know there is nothing at the average florists' club meeting to justify a man leaving his store and wasting his valuable time to see or listen to.

The great majority of show schedules are arranged by growers for the benefit of growers, and in the very rare exceptions where they are not there are other reasons sufficient to justify the retailer's contempt. A perusal of this year's prize lists is cause for amusement and exasperation. Compare the amounts offered in the different sections and you will be struck by the ignorance or the hoggishness of the compilers.

Perhaps the matter of competent judges is the greatest cause for the absence of creditable exhibits from retailers, and it is a point well taken by them. Yes, we will agree with you that art is a matter of taste—but it is refined taste; it is the bright blossom of education and experience, and we dis-

pute the claims of every Tom, Dick and Harry's competency to judge the work of the floral artist; in fact, we assert there are very few competent judges, and with all due respect to our numerous friends, none were engaged in that line of work this year.

We know there are set rules to assist judges of growers' products. Such rules are not necessary, for almost any grade of intelligence can distinguish superiority in plant or flower. It is different judging the work of an artist, for whilst the rules may be just as plain, the judge's opinion must be formed by the eye's power of discernment,—the mind's knowledge of beauty in its loveliest forms. This is a great big world, and it's occupied by an endless variety of peoples. Refinement is not the dominant trait in human nature, but we see the different professions acknowledged as teachers and authorities in particular lines of education and art.

Floriculture would today occupy a more exalted position were those who are its students more conversant with its importance and better able to display its great grandeur. We can never expect the public to properly recognize our claim that our profession be ranked among the fine arts until we ourselves agree and demand it. You might as well send a house-painter to judge a gallery of paintings as send a grower or outsider to determine between the creations of the floral artist. We depreciate the art ourselves by the standard we put upon it, and though the retailer is justified in keeping out of competition at shows, yet he loses much by not making some display to attract trade.

Now, let us consider the shows held in the different towns and cities this year. Philadelphia's beautiful Horticultural Hall would look grand under any circumstances; here every inducement was offered (outside money) for the retailers to show their ability (and that is not of a low order in Philadelphia), yet there was no representation there. The groups of orchids and acahyphas were fine and deservedly admired.

In Boston we practically see the same thing. That city also has its fine Horticultural Hall. One would imagine that with the unequaled advantages offered in both these great cities something would be done to bring out the best in all branches of the trade, but no, in Boston there wasn't a retailer represented. The plants and flowers were fine, that's all.

Chicago, for some years, has led the rest of the cities in full representative shows. The retailers of that city not only make excellent non-competitive displays but there is also keen competition in several classes where fair sized prizes are offered. The quality of the work shown could scarcely be surpassed anywhere. Some of it may lack finish, and is exaggerated, and if we criticise it is only done in a friendly spirit. Let us consider the bridal



Non-Competitive display by Miss Helen Gould at the Tarrytown, N. Y., show.

bouquets illustrated in the last issue of *The Review*. The one on the left (the first prize bouquet) is certainly the more artistic of the two, and yet is faulty; the drop is too long; there is too much green in it. The reason is this: Girls generally wear their finest dress on that occasion; it is usually of material that is too elegant to hide with sprays of *Asparagus Sprengeri*; that variety of green in any case is too coarse to use for the ideal bouquet. The "shower bouquet" on the right is a bad type of art. This style originated in New York many years ago; we well remember the occasion; there was not quite so much ribbon but more valley on that bouquet.

Picture a bouquet like the one shown in front of a valuable lace or satin gown. And, besides, there is such an artificial and unfloral effect about them that condemns all. Ribbons are all very nice when used properly, but they should never predominate or usurp the place of flowers. They may do so in the millinery business but cannot in floral art.

At Tarrytown we saw a gates-ajar, a broken wheel and two bride's bouquets—rather a funny combination. The former, in addition to being badly made, were inappropriate for such a show, and the latter were very ordinary. But these were made by novices, and in a great hurry, and the spirit shown is to be commended.

At Madison there were two bouquets and one basket; nothing special about them; all were far below the maker's reputation. At Poughkeepsie there were four vases of mums arranged for effect, the only "arranged" element being a few autumn leaves between them, and a few ordinary centerpieces of chrysanthemums done by private gardeners.

The show at Newport was a treat. The private gardeners of that section did themselves credit, both in the table decorations and in baskets of flowers. Of course the fine material at their disposal greatly helped to enhance the beauty of their work.

Now, regarding the general arrangement of plants, at all the shows, here's the model: Take a cone shaped funnel, fill it with wet sand, dump it over and you have the exact design for a group of plants according to the prevailing idea of beauty. Those who would fain deviate from the rule are afraid to do so on account of the judges' familiarity—and partiality for sugar-loafs. It is pathetic yet vastly amusing to watch the "boys" the day before the show carry the plants out to the carriage house and rehearse the mound building act. This is all a farce, nay, a tragedy in art. Any mechanic can do this kind of work; the successful plant decorator never needs to measure his material by rehearsal, and his models are created by the ideals of his miud's eye. In almost every show you can notice rare and beautiful plants subject to oblivion or disfigurement in order to make them conform to rigid outlines. There is no inducement for beauty of design; it is a narrow minded check to artistic ability and a canker alike to exhibitions and art.

Let us consider the groups of chrysanthemum plants arranged for effect. Ah, they are arranged to affect a grower's mind, not the artistic eye. We behold a formal mound of very fine blooms grown to single stem; the colors are mixed in crazy quilt fashion, everything is so nice and exact, not a flower is an inch out of gear. Pshaw! is that your standard of beauty? What effect has such a thing on the artist?

When we can rise above this sort of thing, when we see a proper grouping and blending of colors, a display of individuality in conception of design, a proper regard for the laws of refinement and a guarantee of competency and fairness in judging we will have exhibitions which will charm and enlighten rather than disgust and retard as they do at present.

The National Horse Show, held in New York last week, was, as usual, a great success. Society of every hue and degree turned out in its best; the display of gowns, hats, etc., was dazzling in the extreme, perhaps no other assemblage was quite so gorgeous; but the flowers there? Why, yes, the lackeys wore a few mums, and we saw one of these flowers among the thousands of rich people in the boxes, but very few flowers were worn this year because, as we have stated before, the colors and make of dresses would not permit. Violets were tabooed on account of the blue, scarlet and carmine waists or bonnets worn, yet, despite all this, a great many flowers were sent and used in divers ways and the majority of florists were busy.

The Broadway windows had special displays. Thorley, in addition to some pretty effects in orchids, made a specialty of golf bags and brass plant pots. Small & Sons showed a grand window of orchids arranged on a branched stump made of cork bark; the flowers were chiefly *Dendrobium phalaenopsis* and *Oncidium varicosum*. Fleischman had a full sized stuffed horse standing in a group of ferns, a wreath of yellow mums 'round the horse's neck, a red coated boy opened the door. Scallen had chrysanthemums in 16th century collars. The rest of the stores made pretty displays but nothing deserving special notice.

Chrysanthemums are on the down grade but they are still the best of material for large decorations and funeral work, and it is wise to keep them as long as you can for the latter kind of work. Roman hyacinths and paper white narcissus have been coming in for some time and are a relief to the monotony of the flower market, besides being pretty and useful where sweet flowers are desired. Violets are scarce and not over good this year on account of weather and disease.

Begonia Gloire de Lorraine promises to be a success as a Christmas plant. Many are growing for that occasion. If you can, get some of it in for Easter.

IVERA.

BAY CITY, MICH. — Boehringer Bros. have completed another large, new house to be devoted to violets.

AIKEN, S. C.—A chrysanthemum fete was recently held by the Aiken Improvement Society. There were regular competitions for prizes and a bevy of young ladies gave an exhibition of Japanese and chrysanthemum drills and scenes from *The Mikado*.

BUFFALO.

After an absence of ten days, Buffalo did not look quite the deserted village it used to in years gone by. Main street is not Broadway yet, but we are getting there fast.

Nothing of any great moment transpired in our absence and the clocks did not stop when we departed. There have been a few buds emerged into society and receptions and teas are coming, at least we are invited to make an estimate on several. Roses seem the most plentiful flower. Carnations are improving. Violets, so plentiful a month ago, have shortened up awfully. There is not a quarter enough to go round. This stringency will soon be over, and it is not local—it is general.

As usual, chrysanthemums are soon going to be scarce. It always happens so, and now we hear and say, "I wish I had a house of Liberty or Jones left." A higher price at first would have done this. We hear of \$6.00 and \$8.00 a dozen being given for fine mums, but it's hard to put your finger on the spot. There is no such price here, and \$2.00, \$2.50 and \$3.00 is our best price.

Getting married is still the rage. The last sacrifice was made by Mr. Wm. Legg, Jr., son of our well known florist, Wm. Legg, of Del. Ave., and the happy bride was Miss Lillian Hutter Reeves. A trip to Boston and New York rounded out the job, and now for real life. The preliminaries was only shuffling the cards; the real game is now commenced. The average novel lands the young couple at the altar conquerors of the battle of life, all fitted to roam in an earthly paradise, when in real life the altar is only the door that admits you to a sort of light-blue opium-laden cloud that takes from two to four weeks, more or less, to pass through; after that you enter a field where the man has to work to live and the woman sits in the corner and mends pants and, later, more or less small hosiery. It must be awfully nice to take a two-weeks' trip with a sweet young bride, and we have found it entirely to our liking to have a similar trip with a sweet old bride.

A Ten Days' Trip.

It does you lots of good to visit your fellow craftsmen in larger cities. The more you know yourself, the less need to take a journey, but those that have seen little away from home cannot properly afford to remain always in their little circle; they must get out, and he is a dull man who won't by observation gain knowledge enough to more than pay for his trip.

The florists of Philadelphia seem more in evidence in the City of Brotherly Love than anywhere I go. They are of more consequence in the community and you feel when you meet them and see their stores and places that ours is a grand and beautiful business. The old earthy, grubby gardener type is passing away, and a polished, smart man is taking his place.

Your correspondent has told you all about the show. It struck me as most excellent, particularly the fine plants of chrysanthemums, a great improvement on recent years, without any remarkable specimens. The ferns were magnificent and of many species. A plant of *N. Bostoniensis* in a 20-inch pan measured 9 feet high and had a spread of 8 feet, and it was the second prize plant at that. The cut mums were grand, but nothing particularly new. If you want to see wonderful cyclamens, go to Lehnig & Winnefeld, Hackensack, N. J. They had plants there in 8-inch pots that measured 30 inches across. Robert Craig & Son's collection of *Gloire de Lorraine* begonia was a revelation. This, when grown as they manage it, is truly a wonderful plant. Plants in 6-inch pots, some 18 inches high and the same through, one mass of their beautiful flowers. Nothing can surpass this glorious plant.

The carnations were very striking. Ethel Crocker is a beauty, and for this early date it was wonderful in size and stem. Having seen it growing later, we are of the opinion that it is a vigorous, free and beautiful variety, and one that every one should have. H. Weber & Sons' No. 11 is also a magnificent pink. While on carnations I may as well say that Weber's Genevieve Lord is another pink carnation of great size and form and stem. Dailledouze Bros. sent a vase of their carnation 666. It's a wonder for size, a finely frimbriated flower, but the color—white, suffused with pink—may not be wanted as the self-colored are.

The shuffle-board and bowling alley received almost as much attention as the upper hall. What an array of trophies they have! Some won by merit and some by luck. A very beautiful little statue of a boy watering a garden was presented to John Westcott for catching two perch on one hook.

A look through the houses of R. Craig & Son and Mr. Harris is well worth a long journey. At the former you see a first-class lot of stuff of many kinds. I never saw the place with so valuable a collection of plants—Cyclamens, *Begonia Gloire de Lorraine*, rubbers, palms, dracaenas, pandanus, and many magnificent Boston ferns. At the carnation houses we saw the beauty, Ethel Crocker. Here we first saw growing America. Mr. Craig likes it well and it certainly looked more vigorous than Crane, if not quite as good a color. Ward's two dark varieties are well grown here, Gomez and Maceo. The former is the brightest color, but Maceo is much the freest bloomer and largest flower. Where is the rust gone? We are not particular where, as long as it is gone. And we failed to see it on this place. Like other epidemics, it had its day and passed away. We certainly did not kill it.

Mr. W. K. Harris' place is always in order. Twenty-four houses filled with valuable stuff. I don't believe there is

the same quantity of glass in this country with its equal value of plants. There is everything a man wants in the decorative line, done to perfection. When young Mr. Harris asks you to step up on the bench and look over a hundred-foot bench of chrysanthemums, with the flowers literally touching, and know they sell, you don't wonder that Mr. W. K. H. in his poetic vein named this beautiful yellow "Our dearest friend!" Mr. Harris' affection for it is so touching that he has grown this variety several years and never sold a plant. Wise man! It has paid him ten times what the plants would have brought.

A very striking feature there was a lot of made-up 10-inch pots containing four fine *Dracaena terminalis*, a strong plant of *D. Sanderiana*, a grand combination, and a few small plants of Boston fern. For a Christmas gift they are the ideal thing.

At the foot of "Maaket" street you get helped on your way to Atlantic City, but the board walk, if it is four miles long and 42 feet broad, is a lonesome place just now, and as there are 700 hotels in the place and only 400 visitors, you are glad to reach the more cheerful precincts of Baltimore.

We will take back all we have ever said about this hilly city. We had the good fortune to accompany the Philadelphia men, and great hospitality they received. Their show was fine and the fine flowers should have been given more space. A grand lot of carnations were staged and there Weber's Genevieve Lord and his pink seedling No. 11 were shown in splendid form. Nothing could exceed the hospitality of the Baltimore Boys. That tally-ho ride in the morning behind four grays only lacked Judge Sands to make it complete. John Burton got into a fight with George Watson over high prices of glass; with that exception everything was very pleasant.

Now, I don't want to lay on taffy, and am not doing it when I say that of all good hearted, open handed, royally hospitable young men I ever met, Mr. Bob Halliday takes the bakery, and its entire honesty and naturalness is the pleasing part of it. And in that direction he is ably seconded by his family. Our call at the home for half an hour will long be remembered. The well in the yard was condemned for drinking water, but that affected only the writer, and the rest did not look at the pump. Carnations are the leading article in the dozen or so houses, and remarkably well they are done. They use the "hairpin" support, and are well satisfied with it, so extolling the "Model" support was waste of time. Old Daybreak is here grandly grown. I was looking for rust, but looked in vain. Robert Kift found it, but it was on the wire support.

Windows are very fine on Broadway, New York, particularly that of Mr. Small. We did not see Mr. Fleischman, but we saw his horse, a dark sorrel, 15 hands high and not afraid of

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| MOSS WREATHS. | IMMORTELLS. | CAPE FLOWERS. |
| BASKETS. | POT COVERS. | LACE and PAPER HANDKERCHIEFS. |
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The Grand New Rose LIBERTY

Won Highest Honors Wherever Shown.
The Finest Crimson Forcing Rose of the Century.

Most nearly approached by Meteor in color, but far surpassing that standard variety in brilliancy and purity of color, as well as in size and freedom of bloom; never showing any deformed, black or bull heads, either in winter or summer. A remarkable keeper when cut, keeping its brilliancy of color without turning blue or dropping its petals, as is the case with Gen. Jacqueminot, which it somewhat resembles.

To be sure of getting the Best Crimson Forcing Rose of the century, and All stock, send your orders at once to the undersigned, or his agents mentioned below.

I hereby extend a cordial invitation to all lovers of the Queen of Flowers, to come and see LIBERTY growing.

Satisfactory reference or deposit from all unknown correspondents.

AGENTS: (J. C. VAUGHAN, Chicago, Ill.
J. N. MAY, Summit, N. J.
F. R. PIERSON CO., Tarrytown, N. Y.)

PRICES ARE AS FOLLOWS:

Own Rooted Stock in 2 1/2-in. pots.	Grafted Plants in 2 1/2-in. pots.
12 plants \$.60 each	12 plants \$.75 each
25 "50 "	25 "60 "
50 "30 "	50 "50 "
100 "25 "	100 "40 "
1000 "20 "	1000 "35 "

E. G. ASMUS, WEST HOBOKEN, N. J.

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the cars, but he was dead and stuffed. His action in the window was that of a cheap selling-plater at the post with a heavy dope. Being "a stranger in New York," we thought first we had struck the horse show. And half an hour's chat with Mr. P. O'Mara is worth a hundred such sights as that.

We found our friends of Utica in good health, except Mr. Baker, who has been very poor for several months, but is now getting better. His son, the alderman, still perseveres with seedlings, and has a very promising white carnation. It is a first-class white. We want a white, but this one will want another two years' trial. The newest and brightest thing in Utica is the store of Wm. J. Crowe. It's metropolitan in every appointment, and Wm. means to keep it so. Nothing is too good for him. In my opinion he has just the right idea of running a store, and, having a good business training, he has a fine opportunity. He is a worker with head as well as hands. Mr. Peter Crowe's roses, grown in his own peculiar way, are looking well. The warm fall weather and one out of a herd of four Jersey cows going dry, have been the cause of much wasting of tissue on the body of P. C., and he

[Continued Page 670.]

GREEN-HOUSE CONSTRUCTION.

This has been a specialty with us for many years and to us is due the credit for many of the great improvements that have been made in the construction of wooden green-houses. To those that buy our

Clear Cypress Building Material

we furnish, free of cost, complete detail drawings from which any intelligent workman can put up the material correctly. We have plenty of time to write letters ABOUT OUR BUSINESS, and we will be glad to hear from those contemplating building.

Write for Circulars or Estimates.

LOCKLAND LUMBER Co.
LOCKLAND, OHIO.

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INDIANAPOLIS, IND.—The Bertermann Floral Co. gave an elaborate exhibition of chrysanthemums and other flowers at their greenhouses on Massachusetts avenue that was largely attended by the public.

MT. VERNON, N. Y.—E. W. Weimar held a chrysanthemum show at his store Nov. 9 to 11. In addition to the mums he displayed mantel and table decorations. It was largely attended.

Specialties for Thanksgiving.

CUT FLOWERS.

THANKSGIVING PRICES.

ROSES.

Beauties, long.....	per doz.,	\$3.00 to \$4.00
" medium.....	"	2.00 to 3.00
" short.....	"	1.00 to 2.00
Brides, Maids, Meteor.....	per 100.	4.00 to 6.00
Kaiserin, La France.....	"	4.00 to 6.00
Perle.....	"	3.00 to 5.00
Roses, our selection.....	"	3.00 to 5.00

CARNATIONS.

Fancy Stock.....	per 100,	\$2.50 to \$3.00
Ordinary Stock.....	"	1.50 to 2.00

CHRYSANTHEMUMS.

Fancy Varieties.....	per 100,	\$15.00 to \$25.00
Medium Stock.....	"	8.00 to 12.00
Common Stock.....	"	4.00 to 6.00

MISCELLANEOUS STOCK.

Violets.....	per 100,	\$0.75 to \$1.50
Valley.....	"	4.00 to 5.00

ORCHIDS.

Cattleyas.....	per doz.,	\$ 7.00
Cypripediums.....	"	2.00
Assorted Archids.....	box,	10.00

Above prices subject to change without notice.
Give us your Thanksgiving orders early.

Decorative Stock.

Wild Smilax, parlor brand.....	\$3.75
" medium case.....	5.50
" large case.....	8.00
Asparagus Plumosus.....	per doz., 6.00
" string.....	.50
Smilax.....	per doz., \$1.00 to 1.50
Adiantum Ferns.....	per 100, .75 to 1.00
Common ".....	per 100 .15
Galax Leaves.....	per 1000 1.50
Farlyense Fronds.....	per doz., 1.00

We carry a good stock of above always on hand and can fill orders promptly.

Cyclamen Plants.

POSITIVELY NONE BETTER.

NOW READY to be shipped direct from Greenhouses.

3-inch pots.....	per 100,	\$ 8.00
4 ".....	"	12.00
5 ".....	"	25.00
6 ".....	"	50.00

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- PAMPAS PLUMES,
- FAIRY FLOWERS,
- SHEET MOSS,
- SPHAGNUM MOSS.

- VASES, RIBBONS,
- WHEAT SHEAVES, DOVES,
- TIN FOIL, TOOTHPICKS,
- BASKETS, BOUQUET PINS,
- VIOLET TIN FOIL, CHENILLE,

And everything used by Florists.
Store open from 7:00 A. M. to 7:00 P. M.
Sundays and Holidays, 7:00 A. M. to Noon.
All orders packed with the greatest of care and shipped on time.

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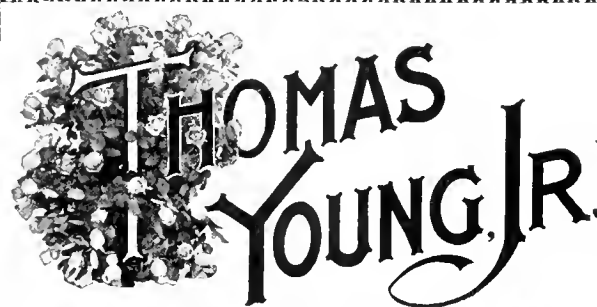
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scarcely weighs now more than 325 pounds. Whether his grand Maiden-hair fern is a distinct variety or merely a fine form of *A. decorum*, I cannot decide, but whoever sees it growing as Mr. Crowe does it would not want to grow any other.

My last stop was at Syracuse, where I went to see Mr. Marquisee. It was not so much Mr. Marquisee but The Marquis that we wanted to see, but glad to see both. I had formed the highest opinion of this great carnation and was not in the least disappointed. The growth reminds one of a most healthy, vigorous Daybreak, and it undoubtedly is just as free now with those that can grow Daybreak; this is giving The Marquis the highest character. Not an unhealthy plant in 12,000. The flower is too well known to need describing; already there is an immense sale, but rest assured, prospective buyers, that Mr. M. can send out 200,000 young plants without giving you a weak or spindling plant. There are some other varieties on this well kept place, but they have to take a back seat till The Marquis is distributed, and I believe that we shall have in The Marquis the most profitable carnation ever sent out.

What a show we shall have in Buffalo in February! It will be worth crossing the Atlantic to see No. 11, 666, Ethel Crocker and how many more debutantes the Goddess of Dianthus only knows.

WM. SCOTT.



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West
28th Street,
New York.

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Regulate the temperature in your greenhouses with our Electric Indicator. Placed in your greenhouse it gives you warning if the temperature goes too high or too low. May save its cost ten times over in a single night. Sold under a guarantee to give perfect satisfaction. Drop us a postal card for full particulars.

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I have now on hand the cleanest and purest Sheep Manure that can be bought in the market. To be convinced send for price list and sample.

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HYDRANGEAS

For the want of room to store, we offer the following Hydrangeas in good, shapely, field-grown plants, suitable for 6-inch pots, at special low prices:

- Otaksa, 3 to 4 leads, } \$2.00 per doz.
- Otaksa Monstrosa, 3 to 4 leads, } \$15.00 per 100
- Thomas Hogg, 4 to 6 leads, } \$125.00 per 1000

Violet LA FRANCE....

We have still a good supply of strong, field-grown plants of this the best of all single varieties, and to close out we offer strong clumps:

\$1.25 per doz.; \$10.00 per 100; \$90.00 per 1000.

HENRY A. DREER,

714 Chestnut Street, PHILADELPHIA.

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DRAWN FROM NATURE FOR H. A. DREER, PHILA.

La France Violet.

The Model EXTENSION CARNATION SUPPORT.



Lancaster, Pa., June 17, 1899
MR. THERON PARKER,
Brooklyn, N. Y.

Dear Sir:— Your Model Carnation Support is all right in every way and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best on the market, and if your other specialties are equally as good, they should make another addition to the money-makers of 1900.

Respectfully,
ALBERT M. HERR.

Flatbush, Brooklyn, N. Y.,
Feb. 18, 1897

MR. THERON PARKER,
Dear Sir:— Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support.

Yours truly,
DAILLEDOUZE BROS.

W. Hoboken, N. J., Feb. 18, 1897.
MR. THERON PARKER.

Dear Sir:— It gives me much pleasure to congratulate you upon your success in getting up carnation supports. I think that those I have had from you are about as

perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for a long time. Wishing you every success in the sale of them, I am,

Yours truly, E. ASMUS.

Straight Galvanized Steel Rose Stakes

At Lowest Prices.
Write for Prices, Circulars and Special Discounts for early orders.

The Model Plant Stake Co.

THERON PARKER, Mgr., Inventor and Patenteo,
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Vigorous Shapely Plants.

6i-n. pots, \$1.00 each. 7-in. pots, \$1.50 each.
8-in. pots, \$2.00 each.
Discounts on large orders.

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Chinese Sacred Lilies

Splendid Large Bulbs,
\$4.00 per basket of 100.

Finest Lily of the Valley Pips

Send for quotations.

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(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

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Choice Plants for Autumn Sales.

JOHN H. LEY,

Good Hope, Washington, D. C.

- Asparagus P. Nanus, 5-in. pots doz., \$3.00
- Ferns, 30 new and choice sorts, 4-in. pots, 100, 10.00
- " 10 choice sorts, 2-in. pots 4.00
- Nephrolepis Washingtoniensis, the finest new Fern this year, 4-in. pots doz., 3.00
- Adiantum Hybridum, new, elegant, 8-in., each 1.00
- " Cuneatum, extra large, 4-in. pots, 100, 10.00
- Crotons, 12 finest sorts, colors fine, 4-in., doz., 1.00
- Peperomia Arifolia and Argyrea, 3-in. 50
- Selaginella Africana, fine blue and others, 3-in. pots doz., 50
- Ferns, from flats, nice little plants for small pots, 10 sorts, 100 free by mail 1.25
- Careful packing. Cash with order. Plants gratis.

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Jadoo

(COPY OF TELEGRAM.)

ALVIN, Texas, 11-18-99.

JADOO
Chrysanthemums
took **FIRST PRIZE**
at Galveston show.
AMATEUR GROWER
competed with
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We are crowded for space and offer at a bargain. Write for sizes and prices.

Best Mixed Hyacinths, under color,
\$4.00 per 100.

Japan Longiflorum, 7-9 \$7.50 per 100.

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THE "OLD RELIABLE" FOR
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CHICAGO.

The Market.

There has been a still further shortening of supply, especially in roses, and the outlook for Thanksgiving is still less encouraging. Reports indicate that the roses of nine out of ten growers are off crop and that the brightest of weather would not assist matters to any appreciable degree. One agreeable feature, though, is that the growers who are now off crop are all confident that they will in consequence have a good crop for December and the holidays.

Though the supply of roses for Thanksgiving promises to be short, there will be a fair supply of carnations, and enough chrysanthemums to go around, though growers generally believe that Thanksgiving will about finish up the mums this year. Poehlmann Bros., who last year had mums up to Christmas, say this month will about finish them this year. All their flowers are now in condition to cut, with the exception of Murdoch. Their early sorts, especially Montmort, were late, and their late sorts are earlier than usual, undoubtedly due to the warm weather.

Demand is good all along the line, and what stock comes in moves quickly at good figures.

Club Meeting.

The attendance at the last club meeting was rather thin and little but routine business was accomplished. In the absence of President Hartshorne, Vice-President Benthey presided. One new member was added to the roll. The report of the banquet committee was read and accepted. The discussion upon the benefits of exhibitions was postponed to the next meeting. A paper upon the subject will then be read to open the discussion.

The Chrysanthemum Show.

A matter that should have been covered in our exhibition report last week was the circumstances connected with a protest regarding some of the awards. One of the exhibitors was a member of

[Continued Page 674]

NOW IS THE
TIME TO SOW... **VERBENA SEED**
NEW CROP JUST RECEIVED.

Our Mammoth Strain can not be equaled for size and rich colors—entirely free from rust.

MAMMOTH Mixed Verbena	Per oz. \$1.50	Per 1/2 oz. \$0.50
Scarlet	" 1.50	" .50
White	" 1.50	" .50
Pink	" 1.50	" .50
SMILAX SEED, new crop.....	Per lb. \$3.00	" .35

Our New Wholesale Price List and Order Sheet of a full line of seeds, is now ready. MAILED FREE.

HENRY F. MICHELL, Seedsman.
1018 MARKET STREET, PHILADELPHIA.

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Greenhouses at Hinsdale, Ill.

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In our new and enlarged quarters we are better prepared than ever to handle your orders.

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Now Ready to Fill Orders for

Roses, Carnations, Mums, Smilax,
Ferns and Asparagus. Write him.

Get Orders in Early for Thanksgiving.

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Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders given prompt attention.

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Cut Flowers and Florists' Supplies.

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Special Attention Given to Shipping Orders.

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WE WOULD LIKE very much to have a complete and accurate list of the names and addresses of the florists of America and to this end will ask each subscriber to kindly send us an accurate list of those in the trade in his or her city or town. By complying with this request you will confer a great favor on the publishers.

The Best Facilities in the Right Hands Insure the Best Service....

That's what we offer to both Grower and Buyer. Good Returns are not always due to high prices. Satisfactory sales are not always due to low prices. There's more in having the facilities to handle the stock in the right way, and experience and judgment to know when and how to act for the best interests of both. We have the Facilities, and our continually increasing business tells us they are in the Right Hands. And the more growers and buyers who place their business with us the better we are able to serve both.

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KEEP POSTED on our Special Offers. There's Money in it for You.

Kentia Belmoreana. Very scarce. We have a fine block of bushy little plants in 3-in. pots, about five leaves; just right for centre pieces. \$3.00 per doz., \$25.00 per 100.

Farleyense. Most beautiful of all the Adiantums. We are head-quarters. 2-in. pots, \$10.00 per 100, 3-in. pots, \$3.00 per doz., \$20.00 per 100; 4-in. pots, \$6.00 per doz., \$40.00 per 100; 5-in. pots, \$9.00 per doz.; 6-in. pots, \$15.00 per doz.

Adiantum Cuneatum. Just right for potting on. 2-in., \$4.00 per 100; 3-in., \$8.00 per 100.

COCOS. Weddeliana. Our stock cannot be surpassed. Fine stock plants from 3-in. pots, \$2.00 per doz.; \$15.00 per 100; \$140.00 per 1000.

Boston Ferns. Largest and finest stock in the country. 2-in. pots for growing on. \$5.00 per 100; \$10.00 per 1000. All large sizes, in any quantity. Send for price list.

Cyclamen Persicum Giganteum. Splendid stock of plants, assorted colors, 3-in., ready for 4-in., \$1.00 per doz.; \$7.00 per 100. Only a few hundred left.

Mixed Ferns for Fern Dishes. Fine selection of the hardiest varieties. \$5.00 per 100; \$40.00 per 1000.

Asparagus Sprengeri. Fine, large plants in 5-in. pots, \$3.50 per doz.; \$25.00 per 100.

Emerson G. McFadden, Telephone 10 B Short Hills.

U. S. Exotic Nurseries..... **SHORT HILLS, N. J.**

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PRIMROSES.

Per 100.

Chinese, single mix, ready for 3-inch pots, \$1.25

Obconica grandiflora, 1.25

PANSY PLANTS

Large flowering strain,

none better, \$2.50 per 1000.

50c per 100.

Cash with order.

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Look this over, then

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NEW PLANTS.

NEW GERANIUM—De Roo Mitting, yellow foliage, double pure scarlet bloom, \$1.20 per dozen, \$10.00 per 100.

NEW GERANIUM—Double Snow Drop, the best dbl. white bedder to date, \$1.20 per dozen, \$10.00 per 100.

NEW YELLOW BABY PRIMROSE—\$1.20 per doz., \$10.00 per 100.

20 NEW COLEYS. They are Beauties—Dr. Nelson, Dr. Anderson, Dr. Erickson, Dr. Peterson, Dr. Stevenson, Dr. Osmondson, Dr. Emerson, Dr. Olson, Dr. Johnson, Dr. Mattson, Dr. Matterson, Dr. Carlson, Dr. Wilson, Dr. Thompson, Dr. Davidson, Dr. Siverson, Dr. Williamson, Dr. Jackson, Dr. Knutson, Dr. Furgeson. The 20 Drs. for \$1.00, or \$1.00 per 100.

COLEYS STANDARD.

South Park Gem, Corsiour, Queen Victoria, Crimson Bedder, Black Bird, Crist Beauty, John Good, Rainbow, Moonbeam, Hiawatha, George Simpson, Vernal Beauty, Emp. of Germany, Emp. Victoria, Princess Irene, and ten others just as good.

2 1/2 inch pots, \$1.50 per 100.

Rooted Cuttings, 40 varieties, 50c per 100.

Unrooted Cuttings, 60 varieties, 25c per 100.

GERANIUMS—All mixed together of the following varieties, from 2 1/2-inch pots, at \$1.50 per 100.

Cet de Blancs, Mrs. E. G. Hill, Mme. Hoste, Mrs. Gladstone, Ben Schroder, A. Ricard, Columbia, Try de Pontia, Beauty, Poitevine, Pres. Vic Dubious, Col. Barr, Dbl. New Life, Dr. Blanch, S. A. Nutt, White Swan, Gettysburg, Mme. Braunt, Contable, La France, Puritan, Mrs. J. M. Garr, Snow Drop, Enid, John Forbes, Clinton, Dr. Henry, M. Ott, Nancy, T. D. Cobbs, R. R. Goslin, P. Crozy, Mme. H. Tacotot.

PETUNIAS—10 varieties of Dreer's, 2 varieties from Australia, 9 varieties from France, 4 varieties from Germany, 5 varieties from England; the 30 varieties all mixed together, 2 1/2-in., \$2.00 per 100.

Feverfew, Little Gem, 2 1/2-in.	\$1.50
Golden Leaved, 2 1/2-in.	1.50
Velvet Plant, 2 1/2-in.	1.50
Geranium Harmlie and La Favorite, 2 1/2-in.	1.50
Hardy Pink Clumps.	2.00
Pansy Plants, \$3.00 and \$4.00 per 1000.	
Primula Chinensis, 2 1/2-in.	1.50
3-in.	3.00
from flats.	.75
Primula Obconica, 3 1/2-in.	1.50
2 1/2-in.	3.00
Forget-Me-Not, white blooming, 2 1/2-in.	2.00

BEGONIAS, Flowering—White Rubra, Augusta, Gaiacra, Sandersont, Semperflorens, Rusea, Fuchsies, Fuchsoides, Red Vernon, Eyfordii Pink and 10 other varieties, in small lots, all 2 1/2-in., \$1.50 per 100.

CANNAS—Florence Vaughan, Australia, A. Bouvier, Mme. Crozy, Statia, Mme. Charatt, and 10 others, all mixed together, single eyes, \$1.00 per 100, \$5.00 per 1000.

Meseubryanthemum Erectum, Basket Plant, F. c., \$1 per 100; California Moss, F. c., \$1 per 100; Cigar Plant, 2 1/2-in., \$1.50 per 100; Alternanthera, 4 colors, yellow, red, pink and large leaved variety, 2 1/2-in., full of cuttings \$2 per 100, \$18 per 1000; 2 1/2-in., \$1.50 per 100, \$1.50 per 1000; Unrooted Cuttings, 4 varieties, 25c per 100, \$2 per 1000, \$8 per 5000, \$15 per 10,000.

Lycopodium Dent, 2 1/2-in., \$1.50 per 100; Frestines, 2 colors, 2 1/2-in., \$1.50 per 100; Dusty Miller, 2 1/2-in., \$3 per 100; Golden leaved Feverfew, F. c., \$1 per 100.

R. C. CARNATIONS READY.

G. H. Crane, 1899.	\$6.00 per 100
Glacier, 1899.	4.00 "
Argyle, 1898.	2.00 "
Empress, 1898.	1.50 "
Bon Ton, 1898.	1.50 "
Maid Aims, 1899.	4.00 "
Daybreak.	1.50 "
Morella.	1.50 "

We are now looking orders for 1900 varieties, and all other good ones for future delivery.

Large orders from above plants. We ask for list to estimate. Prompt shipments or money returned by next mail.

CASH.

The Morris Floral Co.

MORRIS, ILL.

Mention The Review when you write.

SAMUEL S. PENNOCK, Wholesale Florist
 { Until further notice, will be open from }
 { 6:00 a. m., to 11.00 p. m. }
American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

a committee and while staging his entries was called upon to act with his committee. He replied that he could not leave till he had finished staging his flowers. In order to secure his immediate presence with the committee the superintendent offered to supply an employe of the management to complete the staging of the flowers. The exhibitor cautioned this employe about removing flowers over the number called for by the schedule, but it was not attended to, and the entries were passed by the judges as not being according to schedule. The exhibitor protested and the executive committee, in view of the fact that the error had been made by one of its own employes and not by the exhibitor, sustained the protest. Other exhibitors who had been debarred for having too many flowers in their entries could not understand why any exceptions should be made, and at the request of the management we print this full explanation of the matter.

Various Items.

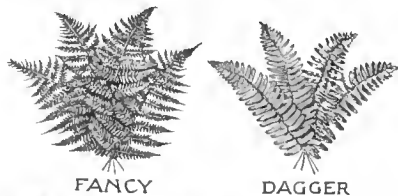
The "Morton Grove Greenhouses" is the title of a new corporation with a capital stock of \$10,000.

We are pleased to be able to report that Mr. C. J. Stromback is improving, though his condition is such that he will probably find it wise to make no attempt to resume his duties at Lincoln Park until next summer.

Bowling.

Last Friday evening a team from the bowling club, captained by Ed. Winter-son, played a match game with the "Madison All Stars." The latter won, though the florists put up some stiff scores, as the following record will show:

Winterson	145	154	158	190
Asmus	157	117	168	180
Coulson	185	204	167	203
Degnan	135	135	145	159
Hurson	154	158	158	102



HARDY CUT FERNS

In 1000 lots, \$1 per M. Discount on larger orders. Also dealer in Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.

L. B. BRAGUE, - Hinsdale, Mass.
Mention The Review when you write.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 705 Penn Avenue, PITTSBURG, PA.
FLORISTS' SUPPLIES. Write for Price List.
Mention The Review when you write.

Asparagus Plumosus

Strings 10 feet long, 50 cents. **Nanus** Shipped to any part of the country.

W. H. ELLIOTT, BRIGHTON, MASS.

Mention The Review when you write.

Green Galax, New Crop Now Ready.

Finest Bronze, From Cold Storage.

For Prices address the Introducer, **HARLAN P. KELSEY, 1106 Tremont Building, - - - BOSTON, MASS.**

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Real Estate,

Land with or without Greenhouses in different parts of the United States.

BARGAINS can be had and opportunities opened for profit. Write for particulars and state your requirements.

SMITH & SMITH,

345 Sixth Ave., PITTSBURG, PA.

Brokers in Real Estate, Glass, Pipe, Boilers, etc.

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GIVE US A TRIAL. WE CAN PLEASE YOU.

Roses, Carnations and all kinds of Seasonable Flowers in stock.

WM. F. KASTING, Wholesale Commission Florist, 481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.

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WM. J. BAKER,

WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.

Original Headquarters for CARNATIONS. Mention The Review when you write.

Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY. Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

Narcissus Paper White grandiflora, extra, \$6.75 per 100

DUTCH HYACINTHS, first size, to name	65.00	per 1000
" " " " to color	40.00	"
" " " " miniature, to name	20.00	"
NARCISSUS Von Sion Mammoth	16.00	"
TULIPS in the best varieties, and extra large bulbs, prices by mail.		
AZALEAS INDICA, in the best market varieties, 10 to 12-inch diameter	35.00	per 100
" " " " 12-inch diameter and up,	40.00	"
RHODODENDRONS, extra fine, for forcing, small plants	35.00	"
" " " " large "	60.00	"
SNOWBALLS (Viburnum) for forcing	35.00	"
LILACS, Charles X. and Marie Legraye	45.00	"
CRIMSON RAMBLER ROSES, extra strong	25.00	"
HYBR. ROSES, low budded, \$10.00 per 100	75.00	per 1000

Prices on all other Bulbs and Plants cheerfully given. **F. W. O. SCHMITZ, Jersey City, N. J.**
Mention The Review when you write.

BASSETT & WASHBURN

AM. BEAUTIES,
BRIDES,
BRIDESMAIDS,
METEORS,
PERLES,
KAISERIN,
ASPARAGUS,
SMILAX,
ADIANTUM,
VALLEY,
ASP. SPRENGERI.
COMMON FERNS

THANKSGIVING FLOWERS

Chrysanthemums,
Extra Large, White and Yellow, \$1.50 to \$2.00

Chrysanthemums,
Medium, White and Yellow, \$1.00

Fancy Carnations.

FLORA HILL,
MARY WOOD,
WHITE CLOUD,
TRIUMPH,
MRS. BRADT,
GOLD NUGGET,
CRANE,
AMERICA,
FRANCES JOOST,
CERISE QUEEN.

Common Carnations

Beauties and Tea Roses

will be very scarce, as they are off crop, so look out to get a good supply of Carnations and Chrysanthemums. We grow all of our flowers and guarantee their quality and freshness. Buy direct from us and avoid getting pickled stock. Our Smilax, Asparagus and Common Ferns are the finest in the market.

BASSETT & WASHBURN, 76 & 78 Wabash Av., CHICAGO.

GREENHOUSES, HINSDALE, ILL.

Mention The Review when you write.

To Plant After Early ---Mums---

SMILAX for Easter trade when all green is scarce.
Strong Plants from 2½-in. pots, \$2.50 per 100.

VIOLETS Extra large field-grown clumps of Princess of Wales, \$8.00 per 100; California, \$5.00 per 100. These are well budded and will give immediate returns.

CHRYSANTHEMUM STOCK All the leading standard sorts and novelties. List of varieties and price on application.

NATHAN SMITH & SON, - - Adrian, Mich.
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CABBAGE PLANTS Field grown, 15c per 100, \$1.00 per 1000; if by mail, add 10c per 100. Write for prices on large lots for fall planting.

Lettuce. Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, field grown, 15c per 100; \$1.00 per 1000. If by mail, add 10c per 100.

Parsley. Strong plants, \$1.50 per 1000. \$12.50 per 10,000.
Other Vegetable plants in season. Cash with order.

R. VINCENT, Jr. & SON, White Marsh, Md.

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Florists' Review
When Writing Advertisers.

Burpee's Seeds Grow

ETHEL CROCKER.

Absolutely the best pink Carnation ever offered the trade. Grown equally successfully by Hill, Craig, and myself, you are not buying it on a venture, but knowing that it is not a success in one soil and a failure in another.

In color, size, fragrance and stem it is just what the "storeman" want. In habit, constitution and freedom of bloom it is just what the grower wants, never out of crop from Sept. to July - more flowers to the square foot than any other known variety and practically no second.

With 15,000 stock plants to work from there is no danger of over propagation, and you are not asked to wait until planting out time for your cuttings but can have them whenever wanted. Orders entrusted to me will have my personal attention, both in the selection of the cuttings and the filling of the order.

Price per 100, \$10.00; per 25, \$2.50; per 1000, \$75.00, per 250, \$18.75. Herr's Pansies at \$4.00 now, and a regular assortment of Carnations in a list ready Jan. 1st. **ALBERT M. HERR, Lancaster, Pa.**
Mention The Review when you write.

CINERARIAS and CYCLAMEN.

Cinerarias for Christmas blooming, 2¼-in., \$2.00 per 100; 3-in. \$3.00 per 100; large plants in 4-in. pots \$1.00 a doz. Cyclamen Giganteum and Persicum, 3-in. \$5.00 per 100. **S. WHITTON, UTICA, N. Y.**
Mention The Review when you write.

CHRISTMAS GREENS.

Laurel Wreathing, 5c yd.; Ground Pine Wreaths, with immortal flowers worked in, \$1.50 a dozen; Holly Wreaths, \$1.50 doz.; Ground Pine or Bouquet Green Wreathing, 4c yd.; Evergreen Wreathing, 3½c yd.; Laurel Wreaths, 10c each; also Mistletoe, Hardy Ferns, Palm Leaves, Wild Smilax, low, 10 per cent discount on all orders received before Dec. 1st. My Greens are A No. 1.

J. A. KEENEY, Monongahela City, Pa.
Will make up any kinds of Greens to suit you.
Mention The Review when you write.

Eglantine.

THE TRUE FRAGRANT SWEET BRIAR.

1,000 Rosa Rubiginosa, 4 to 5 feet, per 100, \$5.00
1,000 " " " 2 to 3 " " " 3.00
1,000 " " " 1 to 2 " " " 2.00
10,000 Berberis Thunbergii, per 100, \$3.00 to 7.00

T. R. WATSON, Plymouth, Mass.

Always mention the Florists' Review when writing advertisers.

Here we are again for High Grade Blooms....

WON SEVEN FIRST PREMIUMS AND ONE SECOND out of eight entries at the Chicago Flower Show.

All orders carefully and promptly filled.

CHICAGO CARNATION CO., JOLIET, ILL.

Mention the Review when you write.

PHILADELPHIA.

Trade has been very good the past week, weddings, parties and balls being quite numerous, with a number booked for the coming month.

Pot chrysanthemums are a drug on the market again this year. They are selling slowly and at very low prices, plants in 7-inch pots with 6 to 8 large blooms bringing only 35 to 50 cents each at retail.

We noticed there was another rubber plant sale on at one of the department stores the past week. It's a great pity that this sort of thing should go on.

Prices.

Beauties, \$1.50 to \$5 per dozen; Brides, Maids, Kaiseries and Meteors, \$3 to \$6; La France, \$3 to \$5; Perles, \$2 to \$5; Liberty, \$10 to \$20. Carnations, \$1 to \$1.50; fancy, \$2; hyacinths, \$3 to \$4; valley, \$3 to \$4; best, \$5; violets, single, 40 to 50 cents; double, 75 cents to \$1.25; mignonette, \$3 to \$4; chrysanthemums, fancy, \$2; ordinary, 75 cents to \$1.50 per dozen; asparagus, 35 to 50 cents; adiantum, 75 cents to \$1; smilax, 15 cents.

We noticed a flower of Aristolochia Gigas Sturtevant in the store window of the H. A. Dreer Company which was cut from a plant grown in one of their Riverton greenhouses. It attracted considerable attention. The flower resembles a boat of silken cretonne; it measures 12 inches long by 12 wide and has a tail-like appendage three feet long. It's a very free bloomer and a rapid greenhouse grower. The plant from which this was cut was planted from a 2-inch pot last May. R.

MARQUETTE, MICH.

L. H. Stafford, the well known florist, died Nov. 8 after a long illness, aged 49 years.

Mr. Stafford was formerly an alderman in the city representing the Seventh ward. He was a member of the Masonic lodge in Detroit, and a member of Grafton lodge, A. O. U. W., and Superior tent, K. O. T. M., in Marquette. The funeral was held from the residence at 2 o'clock Nov. 12, followed by interment in Park cemetery. The funeral was under the charge of the Masons, of which society the deceased was a member.

The business will be continued by his widow, Mrs. L. H. Stafford.

SUBSCRIBER. — "Western Grower" disposes of his stock in the Chicago market. Please attach your full name and address to future communications.

DEWEY

HAVE WHAT YOU WANT.... IN THIS LIST?

If not, write us for prices on what you need.

ROOTED CUTTINGS.

GERANIUMS —Assorted	\$1.50 per 100
Mixed	1.25 "
Mrs. Happy Thought, 3.00 "	
Mrs. Pollock	2.00 "
Mrs. Parker, Dble. Pink	
Silver Leaf	4.00 "
Silver Leaf, Rose Scented	
Mme. Sallerol	1.50 "
Freak of Nature	1.25 "
MISCELLANEOUS—Fuchsia, 4 kinds	1.50 "
Fuchsia, Trailing Queen	1.50 "

MISCELLANEOUS.	Per 100
Alternanthera (Summer Struck)	\$1.00
Manettia (bicolor)	2.00
Vinca	1.50
Salvia	1.25
Heliotrope	1.25
Begonia Erfordii	2.00
" Rex	2.00
" Incarnata Gigantea	2.00
" Flowering	2.00
Impatiens Sultan	2.00
Forget-Me-Not (Winter Flowering)	2.00

POT PLANTS.

GERANIUMS —Bronze and Silver Leaf, 3 1/2-in.	Per 100	\$6.00
Sweet Scented, Mrs. Pollock, 2 1/2-in.		4.00
Mrs. Parker		6.00
Happy Thought, 2 1/2-in.		4.00
Silver Leaf, 2 1/2-in.		4.00
BEGONIAS —Rex, assorted, 2 1/2-in.		4.00
" named		6.00
Inc. Gigantea, 4-inch, ready for 6-inch pots		15.00
Inc. Gigantea, 2 1/2-inch, ready for 4-inch pots		\$4.00 to 6.00
Double White Stock, 3-inch		3.00

Forget-Me-Not (Winter Flowering), 2 1/2-in.	Per 100	4.00
Lemon Verbena	\$3.00, \$4.00 and	6.00
Primroses (In bud) 2 1/2-inch		3.00
Primroses, 2-inch		2.00
Hydrangea Pink, 3-inch		6.00
Anthericum, 3-inch		6.00
Dracaena Ind. (In flats)		5.00
Vinca, 3-inch		4.00
Mignonette, 2-inch		2.00
Impatiens Sultan, 2 1/2-inch		3.00
Manettia bicolor, 2 1/2-in		4.00
Fragrant Violets, 2 1/2-inch		3.00
Fragrant Calla, 2 1/2-inch		\$1.50 per doz.
Fragrant Calla, 4-inch		3.00

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Mention The Review when you write.

GERANIUM NOVELTIES FOR 1900

THE FINEST COLLECTION IN AMERICA.

- A Set of Selected Double Bedders.
- A Set of Selected Single Bedders.
- A Set of Selected Fancy Doubles.
- A Set of Selected Mammoth Fancy Singles.
- A Striking Set of Ivy Leaved Varieties.
- A Full Line of the Introductions of 1899 in all the above sections.
- A Full Line of Selected Standard Bedders.

If you wish to be with the leaders in bedding plants order your stock from

C. W. WARD, Manager.

THE COTTAGE GARDENS, Queens, L. I., N. Y.

Mention The Review when you write

Delaware Holly Wreaths of the Best Grade....

with Bright Green Foliage and plenty of Berries.

Orders will now be received for shipments which will go forward fresh goods at the proper time. Samples can be shipped when wanted. For prices and terms, address

J. W. C. PULLEN, MILFORD, Delaware.

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GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

Mention the Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.



REGULAR SHIPPING ORDERS WILL RECEIVE
SPECIAL ATTENTION.

We are Headquarters for
Fine American Beauties.

METEOR BROS.

WHOLESALE GROWERS OF...

Cut Flowers

51 Wabash Avenue, CHICAGO.

THANKSGIVING PRICE LIST.

AMERICAN BEAUTY,			
30 to 36-in. stem, per doz.,			\$4.00 to \$5.00
24 "	"	"	3.00 to 3.50
20 "	"	"	- - - 2.50
15 "	"	"	- - - 2.00
12 "	"	"	- - - 1.50
8 "	"	"	- - - 1.00

METEOR,	-	per 100,	\$6.00 to \$8.00
BRIDESMAID,	"	"	6.00 to 8.00
BRIDE,	-	"	6.00 to 8.00
PERLE,	-	"	4.00 to 6.00
CARNATIONS,	"	"	3.00 to 4.00

Quotations subject to change without notice.
All other stock at Lowest Market Prices.

Mention The Review when you write.

20TH CENTURY VERBENAS

Thirty-two grand mammoth varieties, including the new Capt. Dreyfus, Helen Gould, Melba and many others. This is the set that will make the money for the retail florist in the year 1900. Strong, 2-inch pot plants ready Nov. 10th, \$2 per 100; rooted cuttings, 60c per 100; \$5 per 1000.

NEW DBL. FRINGED PETUNIAS, Henderson's and Dreer's latest set, known the world over as the standard of perfection; strong rooted cuttings Nov. 10th, \$1 per 100; 2-inch pot plants, \$2 per 100.

SMILAX, extra strong, bushy seedlings, ready for potting or planting out, 50c per 100; \$4 per 1000. Any quantity. Cut Smilax, 6 feet strings, 12 1/2c.

PRINCESS PAULINE AGERATUM, the great novelty of '98, the only one to grow; rooted cuttings now ready, \$1 per 100; strong, 2-inch pot plants, 50c per doz., \$2 per 100.

All rooted cuttings, extra strong, well rooted, true to name and delivered by mail or express, prepaid.

1000 BRIDESMAID ROSES, 2 1/2 and 3-in. \$2.50 per 100 to close out. Cash with order.

300 FIELD CARNATIONS (mixed), from cool house, \$2.50 per 100. Our descriptive wholesale list now ready, send for it.

SOUTH SIDE FLORAL CO., - Springfield, Ill.
Mention The Review when you write.

PAYNE'S NEW COIL BOILER.

Cut and circular now ready, explaining how to make your own boiler. The cut shows the whole front, brick work, position of coils, etc.

This boiler has stood the test 220 below zero with moderate firing. Brother florist do not let the chance go by, it is valuable information.

Enclose \$1.00 for cut and circular and you will have value received in information.

D. W. PAYNE, PORT CLINTON, OHIO.
Mention The Review when you write.

Commercial Violet Culture

BY PROF. B. T. GALLOWAY,

Chief, Division of Vegetable Physiology and Pathology, U. S. Department of Agriculture, Washington, D. C.

This work is thoroughly practical and discusses fully: Varieties and their Origin; Localities where the Crop is likely to Prove Profitable; Requirements for Success; Construction of Houses and Frames; Heating Houses and Frames; Soils and their Preparation; Manures and Fertilizers; Propagation, Selection, Planting, Watering, Cleaning and Feeding; Picking, Bunching and Marketing; Diseases and their Treatment; Insect Enemies and Methods of Combating them; Cost of Producing the Crop. Profits, etc.

Superbly illustrated with upward of 60 plates, plans, diagrams, etc., including Working Drawings of Model Violet Houses; Plans for Complete Heating Systems; Photographs Showing Methods of Handling Soil, Preparing the Beds, Bunching the Flowers, Packing for Shipment, etc. Numerous illustrations showing the character of the more important diseases are also given.

Bound in Flexible Covers of Royal Purple Cloth and Gold; 224 Pages; Small Octavo.

PRICE, POSTPAID, \$1.50, mailed same day as order is received. Prospectus Free.

Address **THE FLORISTS' EXCHANGE, 2 to 8 Duane St., New York.**

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PANSIES... WORTH RAISING

Good Plants by express, \$2.50 per 500; \$4.00 per 1000. Seed as usual.

C. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.
Mention The Review when you write.

Always Mention the...
Florists' Review
When Writing Advertisers.

Orchids.

Just arrived, in fine condition. **Cattleya Mendellii** and **Laelia Jongheana**, also **C. labiata**, **C. Speciosissima**, **C. Gaskelliana** and **C. Harris-oniae**

CHERRY WOOD BASKETS, FRESH MOSS AND PEAT.

Lager & Hurrell, Growers and Importers.... **Summit, N. J.**

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACACIA.

Acacia Paradoxa, well budded, 50c, 75c and \$1.00 each.
Bobbink & Atkins, Rutherford, N. J.

ACALYPHA.

Acalypha Sanderi, fine 2½-in. plants, \$3.00 per 100.
The Conard & Jones Co., West Grove, Pa.

AGERATUM.

Princess Pauline ageratum, the great novelty of '98, the only one to grow. Rooted cuttings now ready, \$1.00 per 100. Strong 2-in. pot plants, 50c per doz.; \$2.00 per 100.
South Side Floral Co., Springfield, Ill.

Ageratum, rooted cuttings, 50c per 100.
F. R. Thornton, Macomb, Ill.

ALTERNANTHERA.

In 4 colors, large leaved varieties, 2½-in., full of cuttings, \$2.00 per 100; \$18.00 per 1000. 2½-in., \$1.50 per 100; \$12.50 per 1000. Unrooted cuttings, 4 varieties, 25c per 100; \$2.00 per 1000; \$5.00 per 5000; \$15.00 per 10,000.
Morris Floral Co., Morris, Ill.

Alternanthera, rooted cuttings, summer struck, \$1.00 per 100.
Greene & Underhill, Watertown, N. Y.

Red and yellow, rooted, per 100, 60c; per 1000, \$4.00. E. I. Rawlings, Quakertown, Pa.

ANTHERICUM.

Anthericum, 3-in., \$6.00 per 100.
Greene & Underhill, Watertown, N. Y.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengerii, 2-inch, 50 cents per doz.; \$4.00 per 100.
Geo. Wittbold, 1703 N. Halsted St., Chicago.

Asparagus plumosus nanus, 2-in., \$4.00 per 100; \$35.00 per 1000. 4-in., \$15.00; 6-in., \$20.00 per 100. Florists' Supply Co., No. Tonawanda, N. Y.

A. Sprengerii (very fine), 2½-in. pots, per doz., 50 cents; per 100, \$3.00; per 1000, \$25.00.
Seawanhaka Greenhouses, Oyster Bay, N. Y.

Asparagus Sprengerii, fine large plants, in 6-in. pots, \$3.50 per doz.; \$25.00 per 100.
E. C. McFadden, Short Hills, N. J.

6-ft. strings, 35c each; 8 to 12-ft. strings, 45c each. Cash. H. M. Altick, Dayton, O.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

A. plumosus nanus, 6-in., \$3.00 per doz.
John H. Ley, Good Hope, D. C.

Sprengerii, 3½-in., 8c; 4-in., 10c, both fine.
Benj. Connell, West Grove, Pa.

AZALEAS.

Azalea Indica in the best market varieties, 10 to 12 inches in diameter, \$35.00 per 100; 12-inch diameter and up, \$40.00 per 100. Rhododendrons, extra fine for forcing, small plants, \$35.00 per 100; large plants, \$60.00 per 100. Snowballs for forcing, \$35.00 per 100. Lilacs, Charles X and Marie Legraye, \$45.00 per 100. Prices on all other plants cheerfully given.
F. W. O. Schmitz, Jersey City, N. J.

Just received in excellent condition a large consignment of the best forcing varieties, 10 to 12-inch crowns, \$35.00 per 100; 12 to 14-inch, \$45.00 per 100; 14 to 16-inch, \$55.00 per 100.
Storrs & Harrison Co., Painesville, O.

BEGONIAS.

Gloire de Lorraine, the grandest novelty of the day and one of the best selling plants for florists ever offered. Blooms continuously, autumn, winter and spring. Fine, strong plants from 3½-in. pots, per doz., \$4.75; per 100, \$35.00. Flowering plants, from 2½-in. pots, per doz., \$2.35; per 100, \$17.50. R. & J. Farquhar & Co., 16 So. Market St., Boston, Mass.

Begonia Rex, assorted, 2½-in., \$4.00; named, \$6.00. Incarnata gigantea, 4-in., ready for 6-in., \$15.00; 2½-in., ready for 4-in., \$4.00 to \$6.00 per 100. Rooted cuttings, Erfordi, Rex, Incarnata gigantea, flowering, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Begonia Semperflorens Gigantea, 6-in. pots, \$2.50 per doz.; 4-in. pots, Pres. Carnot and other varieties, \$1.20 per doz. Cash.
G. Aeschmann, 1912 Ontario St., Phila., Pa.

Rooted cuttings, best flowering varieties, \$1.25 per 100; \$10.00 per 1000. O. F. Searles, L. E. 1586, Nashua, N. H.

Begonia Rex, per 100, 5-in. pans, \$10.00.
N. Smith & Son, Adrian, Mich.

Choice varieties, named, 2½-in., \$1.50 per 100.
Morris Floral Co., Morris, Ill.

Alba picta, 2-inch, \$1.50 per 100.
Geo. L. Miller, Newark, O.

BOUGAINVILLEAS.

Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$8.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

BULBS.

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MANETTIA.

Manettia bicolor, 2½-in., \$6.00; rooted cuttings, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

ORCHIDS.

Orchids have for very many years been a specialty with the undersigned, and the collection is steadily augmented by fresh importations from the collectors of the firm. It is not easy, without seeing it, to form an adequate conception of the stock. Extent is simply immense. Quality fine. Prices moderate.
HUGH LOW & CO.,
BUSH HILL PARK NURSERY,
ENFIELD, ENGLAND.

We beg to announce to the trade that we have our own collectors in the tropics shipping us Cattleya Trianae, Mendellii, gigas and aurea and Odontoglossum crispum (Pacho type) and will be pleased to hook your orders, spring of 1900 delivery. We also have the finest collection of Laelia-Cattleya hybrids—unique types. Catalogue may be had on application Arnold & Co., Orchidists, 222 St. Marks Sq., Phila.

Just arrived in fine condition, Cattleya Mendellii and Laelia Jongheana; also C. labiata, C. speciosissima, C. Gaskelliana and C. Harrisoniae. Cherry wood baskets, moss and peat.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel.
W. Mathews, Utica, N. Y.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

PEONIES.

Paeonia officinalis rubra plena, \$10.00 per 100; \$1.50 per dozen. This is the true dark crimson variety, the earliest flowering peonia in existence and the only one good for forcing. *Paeonia chinensis*, colors mixed, \$8.00 per 100; pure white, \$15.00 per 100; named, 50 plants in 50 distinct varieties, per collection, \$15.00.
Bobbink & Atkins, Rutherford, N. J.

PALMS, ETC.

WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS.
Measurements from top of pot to top of tallest leaf.

	Pot	H't.	Char.	Per	Doz.
	in.	in.	lvs.	Each.	Doz.
<i>Latania Borbonica</i> ,	2				\$.50
"	3				1.50
"	5	16-20	5-8	\$.50	5.00
"	6	18-22	5-7	.75	9.00
"	7	20-24	6-8	1.00	12.00
"	6	23-30	7-8	2.00	24.00
"	8	28-34	7-8	2.50	30.00
"	9	30-36	8-9	3.00	36.00
<i>Cocos Weddellana</i> ,	3	14-18	4-6	.25	2.00
<i>Kentia Belmoreana</i> ,	3	6-7	3-4	.25	2.00
"	3	8-10	4-5		3.00
"	5	18-20	5-6	.75	7.20
"	5	18-22	6-7	1.00	12.00
"	5	20-25	5-7	1.50	18.00
"	7	34-38	6-7	2.50	30.00
"	10			8.00	
<i>Kentia Forsteriana</i> ,	5	20-24	4-6	.75	7.20
"	6	25-23	4-6	1.00	12.00
"	6	26-30	6-8	1.50	18.00
"	7	36-40	5-6	2.50	30.00
"	10			8.00	
<i>Ficus Elastica</i> ,	4	12-14		.25	3.00
"	6	16-18		.50	6.00
"	6			1.00	12.00
<i>Araucaria Excelsa</i> ,	3	6-8	2-3	\$.50	\$ 6.00
"	4	10-12	2-3	1.00	10.00
"	5	18-20	3-4	1.25	15.00
"	7	36-38	6-7	2.50	30.00
<i>Dracaena terminalis</i> , 4-inch pots, fine plants, \$3.00 per doz. <i>Dracaena fragrans</i> , fine plants, per doz., 4-inch, \$3.00; 5-inch, \$5.00; 6-inch, \$9.00. <i>Peperomia Argyrea</i> , per doz., 2-inch, 75 cts; 3-inch, \$1.50; 4-inch, fine plants, \$2.00. Geo. Wittbold, 1708 N. Halsted St., Chicago.					

To close out for want of room, ready for a shift.

	Inch Pots	100.	1000.
150 <i>Kentia Belmoreana</i> ,	4	\$10.00	
100 <i>Phoenix Reclinata</i> ,	4	8.00	
1000 <i>Phoenix Reclinata</i> ,	2	5.00	\$45.00
7000 <i>Latania Borbonica</i> ,	2	5.00	40.00
5000 <i>Pteris Tremula</i> ,	2	2.50	20.00
2000 <i>Pteris Ensifolia</i> ,	2	2.50	20.00
2000 <i>Pteris Surrulata</i> Max,	2	2.50	20.00
3000 <i>Pteris Longifolia</i> ,	2	2.50	20.00
2000 <i>Pteris Surrulata</i> ,	2	2.50	20.00
2000 <i>Pteris Surr.</i> Com Nana,	2	3.00	25.00
1000 <i>Pteris Onardia</i> ,	2	2.50	20.00
1500 <i>Ncp.</i> <i>Bostoniensis</i> ,	2 1/2	5.00	40.00
2000 <i>Ncp.</i> <i>Cor. Compacta</i> ,	2 1/2	4.00	35.00
2000 <i>Ncp.</i> <i>Exaltata</i> ,	2 1/2	4.00	35.00

Would exchange for 500 *Adiantum Cuneatum*. Cash with order.
The E. Hippard Co., Youngstown, O.

	Pot	H't.	Char.	Per
	in.	in.	lvs.	100.
<i>Latania Borbonica</i> ,	4	12-15	2	\$15.00 \$125
"	4	15-18	2-3	20.00 150
"	5	18-20	4-5	25.00
<i>Phoenix Canariensis</i> ,	4	15-18	4-5	15.00
<i>Seaforthia Elegans</i> ,	4	18-20	2	20.00

P. J. Berkmans Company, Augusta, Ga.

Kentia Belmoreana, very scarce. We have a fine block of bushy little plants in 3-in. pots, about 5 leaves, just right for center piece, \$3.00 per doz.; \$25.00 per 100.
Cocos Weddellana, our stock cannot be surpassed. Fine stocky plants from 3-in. pots, \$2.00 per doz.; \$15.00 per 100, \$140.00 per 1000.
E. C. McFadden, Short Hills, N. J.

Corypha Australis, fine palm, 20-in. high, 5-in. pots, \$3.00 per doz. *Ficus Elastica*, 20 to 25-in. high, 6-in. pots, 36.00 per doz.; 18 to 20-in. high, \$5.00 per doz.; 12 to 16-in. high, \$4.00 per doz. Cash.
G. Aschmann, 1012 Ontario St., Phila., Pa.

Latania borbonica, 7-inch pots, 6 large character leaves, \$1.00 each; 8-inch pots, 6 to 7 large character leaves, \$2.90 each. *Araucaria excelsa*, fine stock, 16 to 18 inches high, \$1.25 each. Storrs & Harrison Co., Painesville, O.

Fresh crop 1899 seed, guaranteed, *Kentia Belmoreana* or *Forsteriana*, 100 s, 60c; 1000 s, \$4.25, including delivery. Sample doz., 20 cts. H. H. Berger & Co., 47 Barclay St., New York.

Large stock of handsome home grown palms and decorative plants of all the leading varieties at popular prices. Send for price list. Lemuel Ball, Wissinoming, Philadelphia, Pa.

Ficus elastica. Nice, clean, healthy stock, from 6-inch pots, well leaved from pot up, 18 to 24 inches high, \$4.00 a dozen; \$30.00 a 100. McGregor Bros., Springfield, O.

Pandanus Veitchii, vigorous, shapely plants, each, 6-in., \$1.00; 7-in., \$1.50; 8-in., \$2.00. Discounts on large orders.
J. Welsh Young, Germantown, Pa.

Latanias and *Arecas*. We are crowded for room and offer them at a bargain. Write for sizes and prices.
Brown & Canfield, Springfield, Ill.

Phoenix reclinata, strong plants from 6-in. pots, \$6.00 per doz. C. Eisele, 11th & Jefferson Sts. Philadelphia, Pa.

Pandanus utilis, 7-inch pots, 2 1/2 feet from pot, \$1.50 each. Cash.
Otis F. Searles, L. B. 1638, Nashua, N. H.

Palm seeds, *Kentia Belmoreana*, per 1000, \$1.00; *K. Forsteriana*, per 1000, \$3.00.
C. H. Joosten, 5 Dey St., New York.

Aspidistra, extra fine plants. Variegated, 100 per leaf, green, 5c per leaf.
Bobbink & Atkins, Rutherford, N. J.

Peperomia argyrea and *arifolia*, 3-in., 50c per doz. John H. Ley, Good Hope, D. C.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

25,000 strong, stocky pansy plants. The finest strain on the market. \$2.50 per 1000; 10.00 per 5000. Orders for less than 1000 not accepted. A. Wensisch, Newell Ave., Williamsbridge, N. Y.

Schmidt's pansies have no equal, the cream of all pansies, fine, large plants, 50c per 100; \$3.00 per 1000. Bellis, extra fine: Snowball, Longfellow, 50c per 100; \$3.00 per 1000. Forget-me-Not, blue, hardy, 60c per 100; \$4.00 per 1000.
J. C. Schmidt, Bristol, Pa.

Grown from extra choice seed and not surpassed by any other variety for size, beauty of coloring and freedom of flowers. 50c per 100; \$4.00 per 1000.
J. L. Dillon, Bloomsburg, Pa.

The Jennings strain. Plants now ready. All colors, finest mixed, by mail 60c per 100, by express \$4.00 per 1000.
E. B. Jennings, L. E. 254, Southport, Conn.

Fine plants from my own select strain, \$4.00 per 1000. Cash. W. J. Engle, Xenia Ave. and Dover St., Dayton, O.

Good plants, by express, \$2.50 per 500; \$4.00 per 1000. C. Soltan & Co., 199 Grant Ave., Jersey City, N. J.

Large flowering strain, none better, 50c per 100; \$2.50 per 1000. Jos. H. Cunningham, Delaware, Ohio.

Fine, mixed, \$2.00 per 1000; liberal discount on 5000. O. F. Searles, L. B. 1638, Nashua, N. H.

Pansy seedlings, Reck's strain, 35c per 100; \$3.50 per 1000. Cash.
John Reck, Bridgeport, Conn.

Large flowering strain, 40c per 100; \$2.50 per 1000. Byer Bros., Chambersburg, Pa.

Herr's Pansies, the best strain in the world. A. M. Herr, Lancaster, Pa.

Pansy plants, all sizes, write for prices. Morris Floral Co., Morris, Ill.

PELARGONIUMS.

The Queen, 2 1/4-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

Send in your order now for a copy of the Florists' Manual.

PETUNIAS.

Are a good money maker. I have the best mixture in the U. S. to-day, consisting of 19 varieties of Dreers, 2 varieties from Australia, 9 varieties from France, 4 varieties from Germany and 5 varieties from England. The 30 varieties all mixed together in 2 1/4-in. pots at \$2.00 per 100.
Morris Floral Co., Morris, Ill.

New double fringed petunias, Henderson's and Dreer's latest set, known the world over as the standard of perfection. Strong rooted cuttings, ready Nov. 10, \$1.00 per 100; 2-in. pot plants, \$2.00 per 100.
South Side Floral Co., Springfield, Ill.

Petunias, double fringed, a good assortment of money makers, 2-in., \$2.00 per 100; rooted cuttings, \$1.00 per 100.
E. I. Rawlings, Quakertown, Pa.

PRIMROSES.

Extra fine grown *Primula chinensis*, 4-inch, \$10.00 per 100; 6-inch, \$2.00 per dozen; \$15.00 per 100. *Baby primrose*, 4-inch, \$2.00 per dozen; \$15.00 per 100; 3-inch, \$12.00 per 100. *Primula floribunda* (new), 4-inch, \$15.00 per 100; 3-inch, \$10.00 per 100. *Primula obconica grandiflora*, 4-inch, \$12.00 per 100; 5-inch, \$3.00 per dozen. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Primula chinensis, in bud for Xmas, finest in the country, 4-in. pots, only \$6.00 per 100; 5-in. pots, \$1.25 per doz. *Primula obconica*, 4-in., \$5.00 per 100; 5-in., \$10.00 per 100. Cash. G. Aschmann, 1012 Ontario St., Phila., Pa.

New Yellow Baby Primrose, \$1.20 per doz.; \$10.00 per 100. Chinese, 2 1/4-in., \$1.50; 3-in., \$3.00; from flats, 75c per 100. *Obconica*, 2 1/4-in., \$1.50; 3 1/4-in., \$3.00 per 100.
Morris Floral Co., Morris, Ill.

Primula Forbesii, blooming plants in 2 1/2-inch pots, \$3.00 per 100. Cash. W. J. Engle, Xenia Ave. and Dover St., Dayton, O.

Chinese primroses, strong, 3-inch pots, 50c per doz.; 4-in. pots 75c per doz. C. Eisele, 11th & Jefferson Sts., Philadelphia, Pa.

Chinese, single, mixed and *Obconica grandiflora*, \$1.25 per 100.
Jos. H. Cunningham, Delaware, Ohio.

Chinese, ready for 3's, the finest grown, single and double, \$2.00 per 100.
J. F. Rupp, Shiremanstown, Pa.

In bud, 2-in., \$2.00; 2 1/4-in., \$3.00 per 100. Greene & Underhill, Watertown, N. Y.

ROSES.

The grand new rose Liberty, most nearly approached by Meteor in color, but far surpassing that standard variety in brilliancy and purity of color, as well as in size; never showing any deformed, black or dull heads either in winter or summer and far surpassing Meteor in freedom of bloom. A remarkable keeper when cut, keeping its brilliancy of color without turning blue or dropping its petals, as is the case with Gen. Jacqueminot, which it somewhat resembles in size and fragrance. Prices are as follows for A1 stock: Own rooted plants in 2 1/2-inch pots, 12 plants, 60c; 25 plants, 50c; 50 plants, 30c; 100 plants, 25c; 1000 plants, 20c each.
Grafted plants in 2 1/2-inch pots: 12 plants, 75c; 25 plants, 60c; 50 plants, 50c; 100 plants, 40c; 1000 plants, 35c each. Satisfactory reference or deposit from all unknown correspondents. Orders coming in after this date can be filled only in April or later, as my stock for March delivery is all sold.
E. G. Asmus, West Hoboken, N. J.
Agents: J. C. Vaughan, Chicago, Ill.; J. N. May, Summit, N. J.; F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

CLASSIFIED ADVERTISEMENTS CONTINUED.

ROSES Continued.

The demand for the grand new crimson-scarlet rose Liberty has been so great that the stock for March delivery has been all sold. Orders booked now and filled strictly in rotation for April delivery. Florists who have not yet secured their stock should order at once. Own root plants, from 2½-in. pots, 50 plants, 30c each; 100 plants, 25c each; 1000 plants and over \$200.00 per 1000. 3-in. pot plants, 5c each, additional. Grafted plants, from 2½-in. pots, 50 plants, 50c each; 100 plants, 40c each; 1000 plants or more, \$350.00 per 1000. 3-in. pot plants 5c each, additional. Bassett & Washburn, 76 Wabash Ave., Chicago, western agents for Robt. Scott & Son. All orders will be shipped direct from their greenhouses.

We offer fine field-grown American Beauties, La France (white), La France (pink) and Belle Siebrecht, thrifty stock, \$15.00 per 100. A large list of other sorts, \$8.00 per 100. Hybrid Perpetuals, \$10.00 per 100. Ramblers, yellow, white and pink, \$6.00 per 100.
Nanz & Neuner, Louisville, Ky.

Crimson Rambler, canes 3 to 5 feet, fine forcing stock, \$12.00 per 100. Hybrid Perpetuals, best forcing kinds, 2 years field-grown, \$10.00 per 100.
Storrs & Harrison Co., Palmsville, O.

Wire Rose Stakes, straight or looped and pointed. Samples and prices on application. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

Crimson Ramblers, extra strong, \$25.00 per 100. Hybrid roses, low budded, \$10.00 per 100; \$75.00 per 1000.
F. W. O. Schmitz, Jersey City, N. J.

American Beauty, Bridesmaid, Perle, Eride, Sunset, Meteor, Morgan, Testout, Mermet, La France, 3, 3½ and 4-inch.
A. S. McBean, Lakewood, N. J.

Bridesmaids, 3-in., \$5.00; Meteors, 2½-in., \$4.00; Kaiserins, 4-in., \$8.00 per 100. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

Crimson Rambler Roses, strong, 5 to 6 ft., \$2.00 per doz. Cash.
G. Aschmann, 1012 Ontario St., Phila., Pa.

Liberty Rose. We have sole control for the New England states.
Edmund M. Wood & Co., Natick, Mass.

1000 Bridesmaid roses, 2½ and 3-in., \$2.50 per 100 to close out.
South Side Floral Co., Springfield, Ill.

Field-grown roses, \$1.00 per doz., \$3.00 per 100. 80 varieties. Plants 1½ to 3 ft. high.
Wm. K. Nelson, Augusta, Ga.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manett stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

SALVIA.

Salvia, rooted cuttings, \$1.25 per 100.
Greene & Underhill, Watertown, N. Y.

SEEDS.

Pansy Seed. Hunt's Unrivaled. This mixture is made up by the most careful selection from all the best varieties grown and is the standard mixture for Florists who wish to realize the greatest returns from either blooms or plants. We have sold this mixture with increasing sales for the past ten years, a sufficient proof of its high quality. Oz., \$8.00; ½ oz., \$1.00; trade pkt., 25 cts.
E. H. Hunt, 76-78 Wabash Ave., Chicago.

Verbena seed, new crop just received. Our Mammoth strain cannot be equalled for size and rich colors. Entirely free from rust. Mammoth, mixed, scarlet, white, pink, \$1.50 per oz.; 50c per ¼ oz. Smilax seed, new crop, \$3.00 per lb.; 25c per oz.; 15c per ¼ oz. Our new wholesale price list and order sheet of a full line of seeds is now ready. Write for it. Mailed free. Henry F. Michell, seedsman, 1018 Market St., Phila.

Our Specialties: Sweet peas, cosmos, hollyhock, verbena, aster, mignonette, etc.; onion, lettuce, celery, carrot, salsify, parsnip, lima beans, salt bush, bromus grass, Bermuda grass, Johnson grass, etc. All California grown. Wholesale only.
Perry Watson & Co., Sacramento, Cal.

The Jennings Pansy. All large flowering and of the most brilliant colors. Sure to give satisfaction. \$1.00 per pkt.; \$5.00 per oz.
E. B. Jennings, L. B. 254 Southport, Conn.

Cyclamen giganteum seed, the finest giant varieties in choicest mixture, per pkt. 200 seeds, \$1.00; half pkt. 50c.
John F. Rupp, Shiremanstown, Pa.

Seeds, Bulbs, Florists' supplies, etc. We carry a large stock. Western florists should send for our wholesale price list.
Barteldes & Co., Denver, Colo.

Aster seed, tall branching, mixed, choice strain, 75c per oz. Allen's Defiance, \$1.00 per oz. Cash.
John Reck, Bridgeport, Conn.

Sweet Pea and other California grown Flower Seeds ready. H. H. Berger & Co., 47 Barclay St., New York.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Special seeds for the florist and gardener. Send for wholesale catalogue.
Johnson & Stokes, Philadelphia, Pa.

Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.
C. Soltau & Co.,
199 Grant Ave., Jersey City, N. J.

Cabbage and Cauliflower seed specialist.
Francis Brill, Hempstead, L. I., N. Y.

SMILAX.

Extra strong bushy seedlings, ready for potting or planting out, 50c per 100; \$4.00 per 1000. Any quantity. Cut smilax, 6 ft. strings, 12½c. South Side Floral Co., Springfield, Ill.

String your Smilax with Meyer Green Silk-line. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Plant smilax, for Easter trade, after mums, when all green is scarce. Strong plants from 2½-in. pots, \$2.50 per 100.
N. Smith & Son, Adrian, Mich.

STRAWBERRY PLANTS.

As a special inducement for everybody to give my plants a trial and see for themselves that my plants are what I claim for them, "equal to the best," I make the following proposition: For only \$1.00 I will send to any part of the United States, all charges prepaid, 5 New York, 25 Excelsion, 25 Johnson's Early, 25 Sample and 25 Nick Ohmer Strawberry Plants. And I further agree that these plants shall be strictly true to name and reach you in first class condition. Address to W. F. Allen, Salisbury, Md.

VEGETABLE PLANTS.

Cabbage plants, field grown, 15c per 100; \$1.00 per 1000; if by mail add 10c per 100. Write for prices on large lots for fall planting. Lettuce, Boston Market, Tennis Ball, Curled Simpson and other varieties, field-grown, 15c per 100; \$1.00 per 1000. If by mail add 10c per 100. Parsley, strong plants, \$1.50 per 1000; \$12.50 per 10,000. Cash with order.
R. Vincent, Jr. & Son, White Marsh, Md.

Lettuce plants, fine, cold-frame, Rapida and St. Louis Market, 35c per 100; 300 for \$1.00, prepa. Cash. Cottage Gardens, Litchfield, Ill.

VERBENAS.

20th century verbenas, thirty-two grand mammoth varieties, including the new Capt. Dreyfus, Helen Gould, Melba and others. This is the set that will make money for you in 1900. Strong 2-in. pot plants, ready Nov. 10, \$2.00 per 100; rooted cuttings, 60c per 100; \$5.00 per 1000. South Side Floral Co., Springfield, Ill.

The new verbena, Ernest Humfeld, the grandest striped verbena ever produced. Ready Jan. 15, 2-in., 50c per 100. We have an immense number of mammoth verbenas which we offer at the following prices: 60c per 100, \$5.50 per 1000, 5000 for \$25.00, 10,000 for \$45.00, 25,000 for \$100.00. All true to name. We pay expressage. C. Humfeld, Clay Center, Kans.

VINCAS.

Vinca maj. var., strong field clumps, \$5.00 per 100. Cash. W. J. Engle, Xenia Ave. and Dover St., Dayton, O.

Vincas, rooted cuttings, \$1.50 per 100; \$12.50 per 1000. In 3-in. pots, \$4.00 per 100.
Greene & Underhill, Watertown, N. Y.

Vinca Var. R. C., by mail, \$1.15 per 100. Cash.
Dann & Son, Westfield, N. Y.

VIOLETS.

La France. We have a good supply of strong, field-grown plants of this, the best of all single varieties and to close out we offer strong clumps at \$1.25 per doz.; \$10.00 per 100; \$90.00 per 1000. H. A. Dreer, 714 Chestnut St., Phila.

Extra strong field-grown clumps of Princess of Wales, \$8.00 per 100. California, \$5.00 per 100. These are well budded and will give immediate returns.
N. Smith & Son, Adrian, Mich.

Single white violets, clumps from open ground, \$5.00 per 100. California, clumps, \$4.00 per 100. C. Eisele, 11th & Jefferson Sts., Philadelphia, Pa.

25,000 fine rooted cuttings, Lady Campbell violets, \$5.00 per 1000. Samples free. Wm. Swayne, Box 226, Kennett Square, Pa.

2½-in., \$3.00 per 100. Field grown, \$5.00 per 100; \$40.00 per 1000. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

1500 clumps of Princess of Wales, \$5.00 per 100. John A. Shellem, 17th and Tasker Sta., Philadelphia, Pa.

Violets, per 100, Farquhar, 2½-in., \$3.00. Double White stock, 3-in., \$3.00.
Greene & Underhill, Watertown, N. Y.

Princess of Wales, strong plants, \$2.00 per 100. Samples, 10c.
Evensen Bros., Williamsport, Pa.

MISCELLANEOUS PLANTS.

Feverfew, Little Gem and Golden Leaved, 2½-in., \$1.50 per 100. Mesembryanthemum erectum. Basket Plant and California Moss, rooted cuttings, \$1.00 per 100. Cigar Plant, 2½-in., \$1.50 per 100. Lycopodium dent., 2½-in., \$1.50 per 100. Iresines, 2 colors, 2½-in., \$1.50 per 100. Dusty Miller 2½-in., \$3.00 per 100. Rooted cuttings of Golden Leaved feverfew, \$1.00 per 100.
Morris Floral Co., Morris, Ill.

Polystichum Profferum (lace fern), 2-in., 50c per doz.; 3-in., \$1.00 per doz. California Giant Daisies, yellows and whites, rooted cuttings, 25c per doz. Carex Japonica var., 75c per 100 crowns delivered. Spirea, Anthony Waterer, 2½-in. pots, 50c per doz.; \$3.50 per 100. Selaginella Emiliana, 2-in., \$3.00 per 100. Ampelopsis variegata, rooted cuttings, 50c per doz.
A. & G. Rosbach, Pemberton, N. J.

Lemon Verbena, \$3.00, \$4.00 and \$6.00 per 100. Impatiens Sultan, 2½-in., \$3.00 per 100. Rooted cuttings: Impatiens Sultan, \$2.00. Fragrant calla, 2½-in., \$1.50; 4-in., \$3.00 per doz. Mignonette, 2-in., \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Vinca Major and Spirea Anthony Waterer, fine field stock, 5c. White Moonvine and Halimelana Honeysuckle, strong R. C., \$1.50 per 100.
Benj. Connell, West Grove, Pa.

CUT FERNS.

Hardy cut ferns, \$1.00 per 1000. Discount on larger orders. L. B. Brague, Hinsdale, Mass.

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CLASSIFIED ADVS.—Continued.

CUT FLOWER BOXES.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Sheep manure. Thoroughly pulverized and ready for immediate application. Special prices to florists and seedsmen in lots of 20 tons and up. Cheap freight rates to eastern points. Testimonials from Agricultural Department, University of California. Send for sample. Geo. C. Hoedings, Proprietor, Fresno Fertilizer Works, Fresno, Cal.

Red Towers Brand Bone Meal for florists. 100 lb. bag, \$1.75; 200 lb. bag, \$3.25; 1/2 ton, \$7.50; 1 ton, \$11.50; 1 ton, \$28.00. F. O. B. Bridgeport, Conn. Also Odorless Lawn Dressing. Terms, cash with order. Red Towers Greenhouses, Hackensack, N. J.

Jadoo Fibre, a substitute for soil. Jadoo Liquid, the very best fertilizer. Write for printed matter. American Jadoo Co., 817 Fairmount Ave., Philadelphia, Pa.

I have now on hand the cleanest and purest sheep manure on the market. To be convinced send for prices and sample. J. L. Elliott, 645 Canal St., Bethlehem, Pa.

Bone meal, made for my own use and for other florists who want a good article. Try a bag. Albert M. Herr, Lancaster, Pa.

FLORISTS' LETTERS.

The Cefrey Letter Co., 446 Tremont St., Boston, Mass., Chas. L. Razoux, Mgr., Manufacturers of Florists' Letters. The best and most artistic letter on the market. Pat. Jan. 3rd, 1893. Price: 1/2 or 2-inch letters, \$1.50 per 100; script letters, \$3.50 per 100. Agents: The Flower Market, Boston; Emil Steffens, New York; McKellar & Winterson, Chicago; H. Bayersdorfer & Co., Philadelphia.

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The Van Reyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts; by mail, 75 cts; in lots of 5000 by express, 55 cts per 1000. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

We are overstocked with greenhouse glass and are making prices to move it. If in need of glass write us. Cleveland Window Glass Co., Cleveland, O.

Every florist ought to insure his glass against hail. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and Jobbers of Greenhouse Glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it. John Lucas & Co., Philadelphia.

Greenhouse Glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

Greenhouse Glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth St., Phila., Pa.

Greenhouse Glass. Cohansey Glass Co., Witherspoon Bldg., Philadelphia.

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RUBBER HOSE.

Good quality only. Will last longer and give better service than any other kind of hose on the market. 3/4-inch, 10 ply hose, at \$30.00 per 100 ft. 1/2-inch, 7 ply hose, at \$15.00 per 100 ft. Made in 25 and 50-ft. lengths, couplings attached. Manufacturers' Rubber Co., 45 Vesey St., New York.

Hose for Florists. Penn Rubber Co., 608 Arch St., Philadelphia, Pa.

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TOBACCO STEMS, the good, strong kind only. 60 cts per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts per lb.; 50 to 1000 lbs.

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"Rose Leaf" Extract of Tobacco Insecticide, the best and by far the cheapest all-round insecticide on the market. For sale by seedsmen. For free pamphlet write The Kentucky Tobacco Product Company, Louisville, Ky., successors to Louisville Spirit Cured Tobacco Co.

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Tobacco stems, \$1.00 per 100 lbs. Tobacco dust, \$2.50 per 100 lbs. Rose Leaf Extract of Tobacco, Nikoteen, Nicomite. Send for prices on large quantities.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free. Skabeura Dip Co., Chicago.

Tobacco stems for florists, \$1.50 per bale of 200 to 250 lbs. Fresh and clean. P. C. Fuiweiler & Bro., 927 Sansom St., Phila.

Slug Shot kills sow bugs, etc. Sold by seedsmen. Made by Benj. Hammond, Fishkill-on-Hudson, N. Y.

POTS.

We manufacture Standard Flower Pots, Lawn and Hanging Vases. We make a light, porous, strong, durable pot that gives satisfaction to all who use it. We invite a trial order. Ionia Pottery Co., Ionia, Mich.

Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application. A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 25th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

SPHAGNUM MOSS.

We are headquarters on Sphagnum. Just received several carloads.

Per Bale, \$1.00.
Six Bales, \$5.00.
Ten Bales, \$7.50.

Write for prices on large quantities. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We are now gathering Sphagnum Moss for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc. Z. K. Jewett & Co., Sparta, Wis.

We are just in receipt of some of the best Moss that has reached Chicago in recent years and now is the opportunity to lay in a good stock. 3 bales, \$2.00; 6 bales, \$5.50; 12 bales, \$9.00. Special price on larger quantities. E. H. Hunt, 76-78 Wabash Ave., Chicago.

Sphagnum moss, best quality. Write L. B. Brague, Hinsdale, Mass.

TEMPERATURE REGULATOR

Do you enjoy getting up at night in zero weather just to see if temperature in your greenhouse is all right? There will be no occasion for you to do so, if there is placed in your greenhouse one of our Electric Temperature Indicators. This is a simple little instrument placed among the plants and connected with your office or sleeping room and you are immediately warned of any change in the temperature. Price, including electric bell, dry battery, switch and 150 ft. wire, \$5.00. Sold under an unlimited guarantee. Shipped C. O. D. on approval. Send for booklet. Wilder Manufacturing Co., Springfield, Mass.

Regulate the temperature in your greenhouses by using Page's electric indicator. It warns you if the temperature goes too high or too low. May save its cost ten times over in one night. Positive guarantee. The Page Seed Co., Greene, N. Y.

WAGON HEATERS.

The Lehman heater is the best. Write for particulars. Lehman Bros., 10 Bond St., New York City, or Jas W. Erringer, 297 Wabash Ave., Chicago.

WIRE WORK.

We are large manufacturers of Wire Designs and can please you both in quality and price. Send for list. E. H. Hunt, 76-78 Wabash Ave., Chicago.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are Headquarters for Wire Work. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Manufacturer of Wire Work for Florists. James Griffith, 791 Main St., Cincinnati, O.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

If you read these advs. others would read yours.

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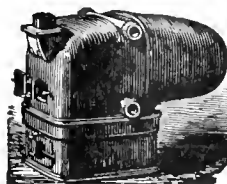
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Kennicott Bros. Co., 42 and 44 Randolph St., Chicago.

APHIS PUNK.

The prize of \$10.00 offered by the Skabeura Dip Co. for the best name for their latest preparation for florists' use has been awarded to Ignatius Schmitt, 489 East Oak street, Portland, Oregon, who suggested the name "Aphis Punk."

LOUISVILLE, KY.—Jacob Schulz gave a chrysanthemum show in a large show room last week that attracted crowds of visitors. An orchestra provided music in the evenings.



HITCHINGS & CO.
233 MERCER ST., NEW YORK.
GREENHOUSE BUILDERS
Hot Water Boilers, Pipes, Fittings
Send Four Cents for Catalogue. And Ventilating Apparatus

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago,

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We have an overstock of Greenhouse Glass and are making prices to move it. If in the market, write us.

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Cleveland, O.

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\$5 makes you a member of the SOCIETY OF AMERICAN FLORISTS the largest association of Expert Horticulturists in the world.

Supplies at wholesale rates through the Co-operative Purchase Department. Free registration of plant introductions.

Dues after first year, \$ 3.00 annually. Life membership, - 30.00

Next Convention, New York City, August, 1900.

Write the Secretary,
WM. J. STEWART,
67 Bromfield Street, Boston, Mass.

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HENRY W. GIBBONS, 132 Liberty Street, NEW YORK. ESTIMATES FREE.

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Aphis Punk
IT BURNS.

The most convenient way of applying an insecticide ever yet devised. No pans required. No heating of irons. No trouble. Cannot injure the most sensitive blooms. Very effective.

Price, 60c per box of 12 rolls. All dealers sell it.

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ST. LOUIS. CHICAGO.
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Nursery Seed & Florists' **Catalogues**
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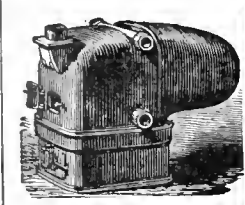
The practical leaders to correct order taking in hurried hours. Single sample free. Pad of 100 sheets, mailed for 24 cents in stamps. Ten Pads (1000 sheets), by express, \$1.75.

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KEENAN'S SEED STORE. 6112 and 6114 Wentworth Avenue, CHICAGO

Greenhouse Material
Of Clear Louisiana Cypress and California Red Cedar
BEST GRADES. PERFECT WORKMANSHIP.
A. DIETSCH & CO.,
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PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue. GREENHOUSE BUILDING

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ST. PAUL, MINN.

Trade continues very good, with sufficient stock of most varieties to meet the demand.

Mums are abundant, but hardly up to the quality of former years, owing to the unusual heat at the end of October. Mrs. Robinson, which has hitherto been a strong, rampant grower and the bloom of unusually good keeping qualities, has come with weakened stems, and the petals begin to fall two days after cutting. This is but one example out of the many good varieties hitherto considered good keepers. Major Bonnaffon retains all of its good qualities, improving from year to year.

Mums have sold well and prices have not slumped in the least. Golden Wedding, Mrs. Perrin, Philadelphia, Pennsylvania, Mrs. Weeks, Mrs. Murdock and others have retailed at \$5 per dozen right along.

In roses, the supply has equaled the demand, except in Beauties, which are more sought after than for seven years. Carnations are improving in quality, but are scarcely equal to the demand. Violets have been plentiful, but the supply shortened up suddenly last week, leaving good stock hard to obtain. Romans have made their appearance and seem prettier and more fragrant than ever. Their chief use is in funeral work.

L. L. May & Co. had a very large decoration the past week when a young debutante was introduced to society. The parlors and ball room of the Hotel Aberdeen were thrown open for the occasion and were most profusely decorated with palms, ferns and wild smilax.

Tomorrow night the annual charity ball will occur. There was a time when this grand social event created quite a demand for cut flowers, but of late years it hardly creates a ripple in the market.

Advance orders for Thanksgiving would indicate a very brisk trade for that occasion. Bouquet green and holly are seen on our market, both silent reminders of the holiday season so near at hand.

Ramaley Floral Exchange is the title of a new aspirant to trade, occupying the store last occupied by R. C. Seeger.

Recent callers were R. W. Greenlow, of Boston, and Lester Morse, of Santa Clara, Cal. X. Y. Z.

MILWAUKEE.

A marked change has taken place in the market in the past few days. Up to about a week ago the market was easy; almost any kind of stock was obtainable at low figures. Good shipping roses are now scarce, and American Beauties have the call again since mums are declining. Good violets are also scarce, something unusual for this market. Mums were not as profitable as in former seasons, judging from opinion of some growers of this stock. The green market has eased up some-

what and quotations are coming in more freely now.

A chrysanthemum show was given at the city conservatories and a large crowd visited them during the week. A. Klokner gave a mum show at his store, having bought up some of the large specimens from the Chicago show, which attracted considerable attention. He reports a successful week as the result.

Wm. Edliefsen also had a fine display and, using colored lights in the evening, made a pleasing effect.

C. C. Pollworth Company have leased the basements of two adjoining stores and now have space equal to four floors. The partitions being taken out makes it convenient for the handling and storing of supplies, etc.

Some of the regulars are practicing hard at bowling and say they will lower the colors of the invincible Chicago team when they meet again.

GEO. W.

DENVER, COLO.

A very pleasant evening was enjoyed by the members of the Denver Florists' Bowling Club. Much interest is now being taken in bowling, owing to the list of prizes offered, the first to be a gold medal, offered by the Park Floral Company to the member making highest score in the series of 54 games to be played this winter. William Lingenbrink is offering odds that he will capture the booby prize (a black cat).

There were twenty members present to bowl. The following is the score:

	1st.	2d.	3d.	Tot.	Av.
Robert Kurth	150	180	211	541	180
George Brenkert	188	154	166	508	169
John Berry	135	149	208	492	164
Charles Franz	165	165	146	476	158
Charles Thiess	190	133	143	466	155
Al. E. Mauff	155	186	120	461	153
J. Jacobson	132	143	179	454	151
Wm. Doyle	133	141	172	446	148
George Zimmer	167	141	122	430	143
Perry C. Gallup	160	149	121	430	143
Don Scott	182	123	122	427	142
Ernest Flohr	129	147	150	426	142
Ed. Emerich	148	136	109	393	131
John Ferriss	153	118	116	387	129
Charles Mauff	82	166	137	385	128
J. A. Valentine	119	145	107	371	124
A. M. Lewis	140	116	123	379	126
L. Waterbury	108	124	124	356	118
A. A. Benson	15	82	102	319	106
W. Lingenbrink	82	101	110	293	97

E. C. F.

GRAND RAPIDS, MICH.

The weather has been the most remarkable for this season in years. It is exceptionally fine growing weather, and in consequence stock in all the establishments is in fine condition.

Trade is good, although no large functions have as yet been held, unless what is called the Twentieth Century Fair, for charitable purposes. Each florist had his day allotted to donate flowers for the floral booth and show his generosity.

Shipping continues good, keeping down any surplus that may threaten. White and Daybreak carnations were scarce for a while. Roses are beginning to come in in quantity again, and by Thanksgiving, with some of the

boys, will be at their height. If this weather continues all flowers will be plentiful for Thanksgiving, and the florists, of all trades, should this year not only feel thankful, but should shout for joy at such prosperous times as enable us to dispose of all our goods at fair prices. Roses sell for from 75 cents to \$1 per dozen; Beauties, \$2 to \$3; carnations, 25 cents; paper whites, 75 cents per dozen; violets, 15 to 20 cents; mums all the way from 50 cents to \$3 per dozen, the size that bring \$1.50 to \$2 being most in demand. GEO. F. CRABB.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Young single man for florist, must be sober and industrious, state experience and wages wanted. Wm. B. Lovell, Sabula, Iowa.

WANTED—Reliable single man to take charge of six rose houses, \$22.00 a month, board and room. Address Morton Grove Greenhouses, Morton Grove, Ill.

WANTED—A florist for general greenhouse work, must be sober, steady and reliable, wages \$25.00 per month with board and room. Send references and state experience. I. L. Pillsbury, Galesburg, Ill.

SITUATION WANTED—By competent man who is up to date in decorating and designing and can take care of correspondence and bookkeeping. Address Edward Rayer, care Florists' Review.

SITUATION WANTED—By well educated young florist to take charge of 25 to 30,000 sq. feet of glass, devoted mostly to roses and carnations. Well recommended and energetic. South or southeast preferred. Address Progress, care Florists' Review.

Wanted—A small second-hand Hot Water Heater at once, answer quick, describing kind and lowest price on same on board cars.

Address T. M. F., Box 126, BEAVER, PA.

Mention The Review when you write.

Situation Wanted

By a thoroughly practical Gardener and Florist, most successful propagator and grower; capable of making a specialty of anything in the trade; qualified to take the management of laying out new place, the formation of lawns, roads, etc. Good references.

Address A. A., care of Florists' Review.

FOR SALE.

Our stock of Field, Flower and Vegetable Seeds; Fixtures, Wagons, Teams, good will, etc. Located at No. 114 North Market Street, Nashville, Tenn. Business established eleven years, and paying. Also Residence, with 10½ acres, two miles south of this city. Place is in best of condition. Two Wells, Gasoline Engine, Water Tanks, three Greenhouses, eleven Hot Beds, 21 to 70 feet long, with sash. Two Stables, Servant's Room, Henery, Coal and Feed Rooms, all in good order. Water piped pretty well over the place. It will take \$20,000 to buy the place and business, which ought to go together. If interested write or make inquiries. Will sell either business or residence separately. FRITH & CO.

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We are now gathering our new

Sphagnum Moss

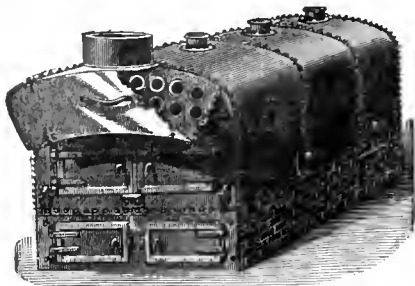
for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.

Z. K. JEWETT & CO., SPARTA, WIS.

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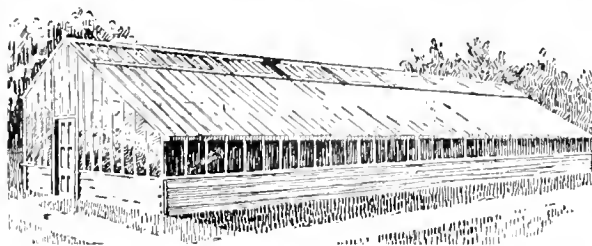
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Boilers made of the best material, shell, firebox sheets and heads of steel, water space all around (front, sides and back). Write for information.

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LARGEST BUILDERS OF GREENHOUSE STRUCTURES.
RED GULF CYPRESS GREENHOUSE MATERIAL
 STRICTLY FREE FROM SAP.



Largest Stock of Air-dried Cypress in the North.

Greenhouse Catalogue; also Greenhouse Heating and Ventilating Catalogue mailed from our New York Office on receipt of five cents postage for each.

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 NEW YORK OFFICE, GENERAL OFFICE AND WORKS,
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Vapor Insecticide
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 No labor required. Harmless to bloom and foliage. A certain killer of **RED SPIDER, GREEN FLY** and all other Insect Pests. Ask your Seedsman for it. The Tobacco Warehousing and Trading Co. LOUISVILLE, KY.

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GREENHOUSE MATERIAL
 OF EVERY DESCRIPTION
JOHN C. STONINGER CO. 412 to 422 HAWTHORNE AV. CHICAGO.

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Holds Glass Firmly
 See the Point #2
 The Van Ryeper Perfect Glazing Points are the best. No rights or lefts. Box of 100 points 75 cents, postpaid.
HENRY A. DREER,
 714 Chestnut St., Phila., Pa.

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 Get our Catalogue. **For GREENHOUSES.**
STEAM AND HOT WATER.
GIBLIN & CO., Utica, N. Y.

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Lehman's Wagon Heaters

Will Protect Plants from freezing in the coldest weather at the cost of one-half cent per hour.

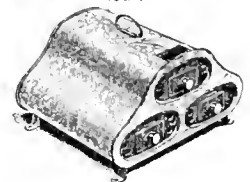
NO DANGER OF FIRE.
NO GASES TO INJURE PLANTS.
NO ODOR. NO SMOKE. NO DIRT

Over 125,000 in actual use every winter by Florists, etc.

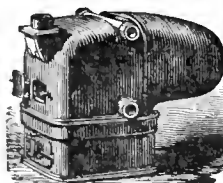
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 Gen. Western Sales Agent,
 297 Wabash Ave. CHICAGO, ILL.



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