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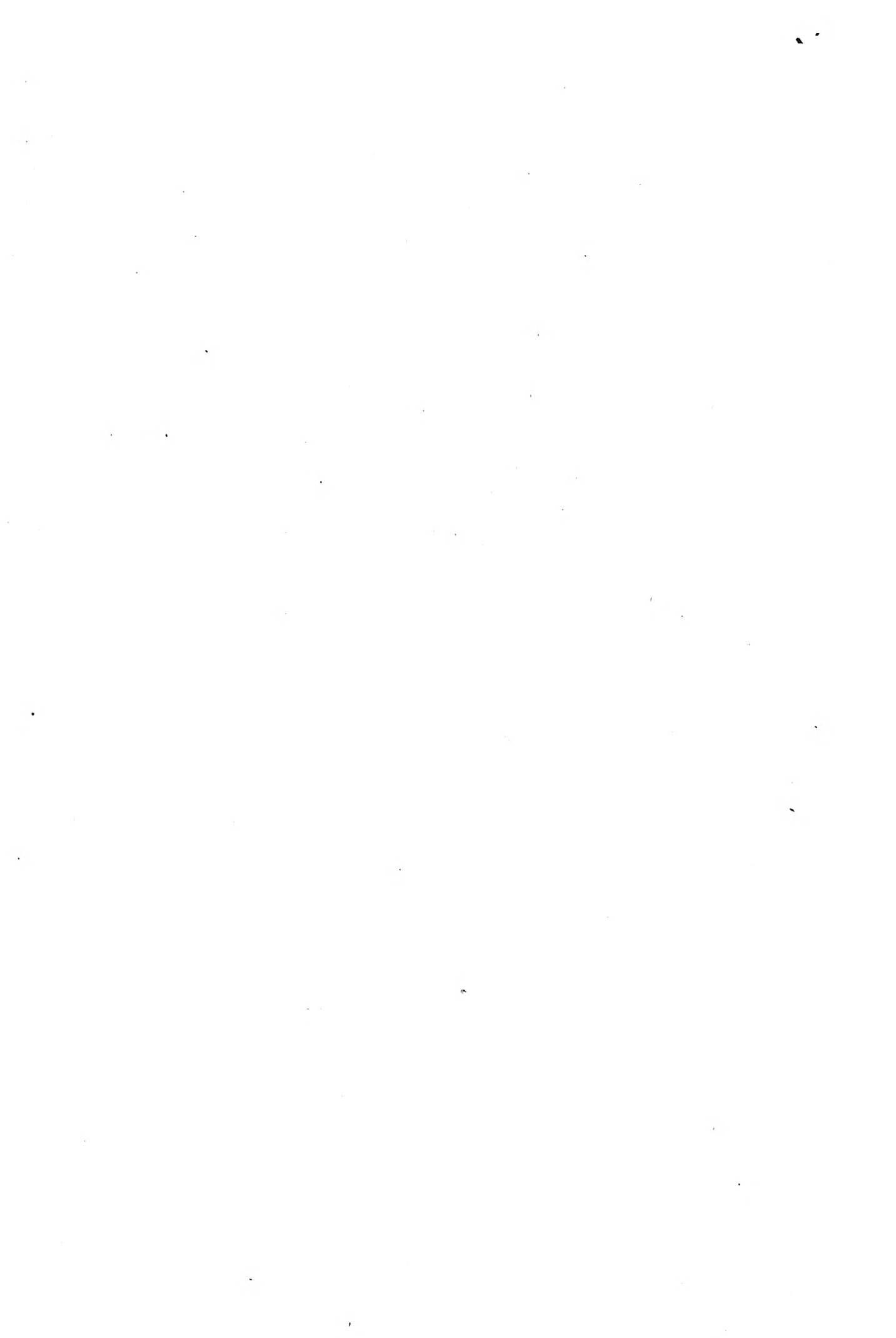
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THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XXIV.

CHICAGO AND NEW YORK, APRIL 29, 1905.

No. 882

THE AMERICAN FLORIST

TWENTIETH YEAR.

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—J. C. VAUGHAN, Chicago, president;
J. R. FREEMAN, Washington, D. C., vice-president;
WM. J. STEWART, II Hamilton Place, Room
II, Boston, Mass., secretary; H. B. BEATTY, Oil
City, Pa., treasurer. Twenty-first annual meeting
at Washington, D. C., August 15-18, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention and exhibition at Boston,
1906. PETER FISHER, Elms, Mass., president;
ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass.,
March, 1906. ALEX. MONTGOMERY, Natick, Mass.,
president; WM. J. STEWART, II Hamilton Place
Boston, Mass., secretary.

AMERICAN PEONY SOCIETY.

Exhibition at Chicago about June 15. C. W.
WARD, Queens, N. Y., president; ARTHUR H.
FEWKER, Newton Highlands, Mass., secretary.
J. B. DEAMUD, 51 Wabash Avenue, Chicago,
exhibition manager.

**WINDOW
BOX
NUMBER
NEXT
WEEK.**

Send Advertisements Early if
You Have Anything in this Line
to Offer.

F

OLLOWING our usual custom, we present herewith some of the reports which we have received from our correspondents throughout the country with regard to the Easter trade. It will be noticed as in previous seasons that the retailers generally have had an excellent trade in plants. The pickled stock in cut flowers did not anywhere appeal to the purchasers. A hydrangea, an azalea, or any plant of good appearance sold better and more easily than any cut flower presented. There was, of course, some demand for lily of the valley and high grade tulips, but it was exceptional all along the line. Bruns sold lily of the valley pans to good advantage; Asmus sold that infinitely cheaper crocus in pans and he had call for them far beyond what he could supply. It was a cheap proposition, but he sold them and in some cases we have been led to believe for as high as \$1 per pan. That means not necessarily that his product had to be put up in cheap shape, but that certain people wanted flowering plants, crocuses or otherwise, and he had them to supply the demand.

SEABRIGHT, N. J.—Easter trade excellent in all lines, writes Frank McMahon. The rose cut is especially heavy.

WATERBURY, CONN.—Plants this season were in good demand, especially azaleas and lilies. Carnations, violets and daffodils also moved rapidly.

PLATSMOUTH, NEB.—No material change in business over last year. L. A. Moore says that there was no increased demand for stock except lilies.

HELENA, MONT.—The State Nursery Company reports Easter trade as being entirely satisfactory. Blooming plants of nearly every variety were in great demand.

PARKERSBURG, W. VA.—J. W. Dudley & Son report trade double that of last Easter. Hydrangeas were especially popular. Out of 1,400 this firm had fifty left.

HIGHLAND, N. Y.—Carnations were the leaders in the Easter trade. Prices were somewhat higher and business showed an increase of fifty per cent, writes J. W. Feeter.

MITCHELL, S. DAK.—E. C. Newbury reports a good trade, almost any plant with a bloom finding ready sale. Lilies, carnations, violets and sweet peas had the call for cut stock.

ANNISTON, ALA.—Easter makes very little stir in this locality, writes F. J. Ulbright, as all outdoor plants are in bloom. Church decorations create the main demand for seasonable stock.

NEWPORT, KY.—Trade poor with prices no better than last year. The supply of cut flowers and plants was equal to a poor demand. Too much hardy stock seemed to be in the market.

SEDALLA, MO.—Easter trade showed no increase over last year neither in volume or prices. Plants were plentiful with the exception of lilies. Roses were plentiful with carnations slightly short.

RATON, N. MEX.—Altha E. Gillum writes that holiday trade this year showed an increase of more than fifty per cent with prices much better also. A feature was the heavy out of town trade.

LONG BRANCH, N. J.—Easter business first class in every respect. Every florist is doing more than last year. Bermuda lilies brought 20 cents a bud, with good pot plants bringing \$2 to \$2.25 each.

RED BANK, N. J.—Corney Brothers report a very brisk trade. Bermuda lilies brought 25 cents per bloom. All white flowers were in demand. Pot plants were much more popular than last year.

LANSING, MICH.—Easter trade was not up to the standard this year, writes Ida L. Chittenden. Prices ruled about the same as last year. The lateness of Easter caused violets to be nearly out of season.

ALLEGHENY, PA.—Gustave Ludwig reports business about the same as last Easter with prices ruling somewhat lower. Azaleas and lilies were leaders among the flowering plants with carnations leading in cut stock.

PORTLAND, ORE.—Martin & Forbes write that trade showed a marked increase with prices falling off about ten per cent. Lilies were numerous and found a ready sale. All seasonable cut stock was easily moved.

SPRINGFIELD, MO.—Fine weather prevailed and sales showed an increase of

about twenty per cent over last year. Ed. Quinn reports that carnations were first choice among the cut flowers. Lilies were the only salable plants.

FREEMONT, ME.—Business was up to last year's standard with the same prices ruling, says John Burr. The supply of plants fell short of meeting the brisk demand. The supply of cut flowers was also taxed at times.

BRAMPTON, ONT.—Roses, carnations and violets were leaders here. Prices were about the same as last year with business considerably increased, says T. W. Duggan, who adds that greenhouse building has been overdone.

GRAND RAPIDS, MICH.—The volume of business done during Easter week was about one-fourth greater than last year. Lilies had the call, but all kinds of stock showed a marked increase. The shipping trade was especially heavy.

ALBUQUERQUE, N. M.—Byron H. Ives reports an increase of about ten per cent over last year with better prices prevailing. The demand for plants was small, lilies and cut flowers having the call. Bulbous stock was hard to move.

PEORIA, ILL.—Better prices ruled this year with the supply of cut flowers and plants equal to the demand. Bulbous stock moved slowly. The excellent weather had much to do with making trade brisk, according to James C. Murray.

LAWRENCE, KAN.—Trade in this locality was about the same as last year, amount of trade and prices showing no change. Easter lilies and carnations had the call. Church decorations were also noted to a considerable extent.

WASHINGTON, D. C.—No change in prices but an increase in trade of about fifteen per cent, report A. Gude & Brother. American Beauty roses took the lead, carnations and violets being sadly short. Lilies were in great demand.

BANGOR, ME.—Carl Beers reports business as being twenty per cent better than last year. Prices on lilies were somewhat higher, but same prices as last year prevailed in other lines. Stock was plentiful with the exception of lilies and violets.

FREMONT, NEB.—Green's Greenhouses report a twenty-five per cent increase over last year. Lilies and hydrangeas were a trifle short in supply and the demand for cut flowers exceeded the visible stock in nearly all lines. Prices ruled about the same.

TOLEDO, O.—Easter business was about the same as last year, according to George A. Heil. Plants were equal to the demand with carnations a trifle short in the cut flowers. Azaleas and lilies proved to be the leading sellers. No increase in prices.

HAGERSTOWN, MD.—Henry Holzapfel reports business about twenty-five per cent greater in volume than last year. Roses, carnations and violets were most in demand. Cold, cloudy weather before Easter tended to keep back much of the stock.

OGDEN, UTAH.—Business this year eclipsed that of last year, but prices remained the same. Palms, ferns and foliage plants were popular, with lilies,

roses and carnations leading the cut stock. F. J. Hendershot reports soft cut stock almost unsalable.

DAYTON, O.—H. H. Ritter reports trade as being better than last year with practically no change in prices. Plants were a little short but cut flowers made up for the deficiency. Lilies, azaleas and lilac found the readiest sales. Ideal weather prevailed.

SYRACUSE, N. Y.—This year showed an increase over last year's holiday trade, reports L. E. Marquisee. Rambler roses, azaleas and lilies were favorites. Carnations appeared to be the most in demand among the cut flowers and were a little short in supply.



Cattleya Gigas at Garfield Park, Chicago.

LITTLE ROCK, ARK.—Conditions about the same in every line as prevailed last year. Lilies easily had the call, with carnations and roses following in the order named. Tipton & Hurst report that plants were rather short in supply.

JANESVILLE, WIS.—The Janesville Floral Company reports that business was slightly increased this season. The demands for plants could not be met. A marked demand was noted for ferns. Lilies, carnations and hyacinths were first in popularity.

WATERTOWN, N. Y.—Easter prices and trade were about the same as last year, according to A. Stoeckle's report. More lilies and azaleas could have been moved, the same being true of carnations and violets. The demand for plants was good in all lines.

ELMIRA, N. Y.—According to H. N. Hoffman, Easter trade showed a marked increase over that of last season. Plants sold especially well, particularly azaleas and Rambler roses. The demand for cut roses was much below the standard. Last year's prices ruled.

COTE DES NEIGES, QUE.—A feature of the trade this year was the increased demand for lily of the valley in pots.

All lines of stock were sold out to a considerable extent and P. McKenna & Son report business as having increased nearly fifty per cent over last year.

WINONA, MINN.—Ed. Kirchner reports Easter prices about the same as last year with the volume of business increased about twenty-five per cent. The demand was fair for all kinds of blooming plants but the demand for lilies was not up to the standard.

TORONTO, ONT.—Last year's prices held good this season. Both wholesale and retail trade were satisfactory, notwithstanding the unfavorable weather for several days before Easter. H. Dunlop reports trade as being an improvement of fifteen per cent over last year.

FORT WAYNE, IND.—The chief feature of this year's trade was the great number of small sales made rather than those of large proportions. W. J. and M. S. Vesey report a great improvement over last year. The usual stock grown for this trade found good demand in all lines.

FARGO, N. DAK.—Trade and prices were about the same as last year, according to Shotwell & Graver's report. Lilies and good azaleas were rather short owing to the lateness of Easter. Roses and carnations were plentiful. The best of the bulbous stock was too early.

JACKSONVILLE, FLA.—C. D. Mills reports Easter business as being about ten per cent better than last year with slightly better prices ruling. The supply of cut flowers and plants was equal to the demand with the exception of lilies. Roses, carnations and sweet peas also found a ready sale.

AURORA, ILL.—A slight increase over last year marked the Easter trade, says Joseph M. Smely. Azaleas were almost over and a few more carnations could have been handled to advantage. Lilies never sold better, but hydrangeas and Rambler were hard to move. Trade continued brisk all day Sunday.

JACKSON, MISS.—W. J. Brown, Jr., writes that the holiday trade was about ten per cent in excess of last year with the prices in general about the same. On account of the lateness of Easter, there was practically no demand for plants. A large trade in designs for cemetery purposes was noticed.

SAVANNAH, GA.—John Wolf tenders the report that Easter trade was easily forty per cent ahead of last year with no perceptible change in prices. Lilies and hydrangeas were the leaders and were just about sold out. Carnations were leaders among the cut flowers. Church decorations were also much in evidence.

JAMESTOWN, N. Y.—Prices showed no increase over last year but trade was greater by about twenty per cent. The Lake View Rose Gardens sold 60,000 lily blooms and refused orders for 11,000 more. They also disposed of 2,000 azaleas. More carnations and violets could have been handled, but the demand for every class of cut flowers was almost equal.

DENVER, COL.—A ten per cent improvement over last year is reported by the Park Floral Company. Among plants the moderate priced ones were

most in demand. Good American Beauty roses were rather a scarce article, but carnations were most in demand among the cut flowers. Bad weather the night before Easter rendered deliveries rather difficult.

Notes on Foliage Plants.

The month of April brings us to a season of active growth among the majority of foliage plants, the strong sunshine of that month starting on many of those plants that have been more or less dormant during the dark days of winter.

This condition also brings about a period of very active work on the part of the grower, and many operations of potting and propagating are now in order, even though the rush of Easter preparations is also on hand and cannot be deferred. Crotons are being more thought about by growers having a city trade, from the fact that so many more of these beautiful plants are being used in window decoration, in plant baskets, and also for bedding purposes than was the case a few years ago.

Of course there were fine specimen crotons grown and exhibited in our own city of Philadelphia, and in New York and Boston, too, fully two decades ago, but it is only a few years since some few enterprising growers began to offer well grown young stock in useful sizes for the trade. The plants that have been bedded out during the summer and lifted about the beginning of October, then potted up into as small pots as the roots will allow, and placed in a warm greenhouse with a slight shade over them until they become established, are those from which the first crop of cuttings is usually taken.

These cuttings are taken off in December or January, and at that season will root in two or three weeks, provided that they are kept in a warm and moist house and protected from the sun. As soon as the cuttings have roots half an inch to one inch in length, they are potted off into 2½-inch pots, kept warm and moist and will soon start into growth, and under favorable conditions will be ready for a shift into 4-inch pots by about March 1.

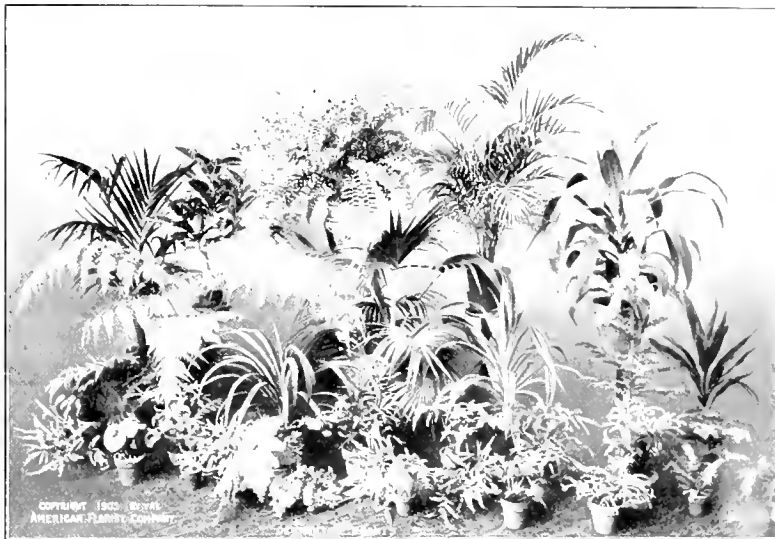
The young crotons need pinching to induce a bushy growth, and enjoy a rich loam soil of rather open texture, but firmly pressed into the pots, among the fertilizers used in the soil being stable manure, bone dust, horn shavings and various preparations, the matter of fertilizers being one for which I do not like to offer specific directions, from the fact that the original soil varies so greatly in different localities that it is easy to make mistakes in offering too precise a formula. These young plants should be kept moving along in a warm house, with full sunshine, and syringed lightly two or three times a day in bright weather, and will then become the best kind of stock for bedding out in June.

Many of those intended for fall and winter sales are grown from tops rooted in moss in precisely the same way as *Ficus elastica*, the topping being done any time during the spring and summer months, and the young plants being grown on into 4-inch, 5-inch, or 6-inch pots as may be needed.

Dracenas are also moving along rapidly at this season, and although those

of the terminalis section are not always the most satisfactory crop the grower can handle, yet they are so bright and attractive in color when well grown that there is usually a fair market for them. But do not pot on any young plants that show indications of spot on the foliage, for no matter how carefully they are handled the disease is almost sure to make much greater progress on toward the autumn when the nights get cool and damp, and it is discouraging

way to have these plants is to grow them at home. A few old plants that have been long established in large pots or tubs will provide an abundance of material for this purpose when shaken out or washed out so that the roots may be readily divided. The rhizomes should have the old roots trimmed off with knife or shears, and may then be cut into sections one inch long. Such sections usually include two or three dormant eyes or buds, and they are



DECORATIVE FOLIAGE PLANTS.

to watch the lower leaves pass through the various stages from apparent mildew to rusty spots and finally to drop off, leaving an expanse of naked stem with a tuft of colored foliage at the top.

A good beginning is half the battle in growing *Dracena terminalis*, and healthy young plants with crisp, dark foliage are those that should be selected, then shift them on from pot to pot before the lower leaves suffer from starvation, keep a constant watch for snails, syringe forcibly to discourage red spider, and with careful watering in dark weather there should be a reasonable probability of success.

Dracena Lauderiana and *D. Godsefiana*, both of which are much used in small sizes, are very easy to root at this season, and a succession of cuttings should be put in as they may be secured, the common practice of bunching two or three of the young plants together requiring a good supply of cuttings to keep up a stock. These compound plants are doubtless much more effective and convenient than small single plants for the retail florist, but they ought to bring a higher price than they do when taking into consideration the number of cuttings that are thus required, and the fact that these plants do not break into growth so readily after cutting back in the winter.

Aspidistras are largely imported from the European and Japanese growers of late years, the preparation of these plants in decorative sizes being rather too slow an operation for the average American grower, but some nicely furnished young plants in 3-inch and 4-inch pots are frequently useful, and the best

planted at a depth of about one inch in flats of light soil. The flats of cuttings are then placed in a greenhouse with a temperature of 60° at night and kept moist, in which the cuttings will soon start into growth, and may be potted into small pots when the first leaf is fully expanded.

Ficus elastica still finds a market in moderate quantities, and the present is a good time to moss up all available tops with a view to rooting them, both the original type and also the variegated form rooting readily at this season. The latter is really a very attractive plant when well grown, and like the green one should have plenty of light to insure a stocky habit of growth. During the winter months it is also advisable that the variegated *ficus* be not syringed so freely, as this treatment, when combined with a low temperature, is likely to produce or increase that rustiness of the foliage that is sometimes noticed on this plant.

Cycas stems are not now so interesting a subject to some of the large growers as they were a few years ago, some overloading having been experienced in this line of goods, and much injury having been done to a valuable plant by the unfortunate practice of sending out new stock before it was properly established. But there are still many growers who need a few plants of the common cycas, and the dormant stems will soon be on the market, and will need a moderately warm corner in the greenhouse after they have been potted firmly in as small pots as the stems will permit.

The decorative stock is likely to be in poor condition after having been

taken out frequently during so severe a winter, and it is at this time, or at least after the Easter decorations are over, that one may see just what is best to discard, for unless some of the poor plants may be bunched together and rejuvenated during the summer it is poor economy to keep them. This will apply especially to the palms the young stock of which will now be repotted, carefully shaded, though not too heavily.

There seems to be some indication that in the future there may be a greater demand for ferns of somewhat larger sizes than those that are still so largely used for fern dishes, and possibly the 4-inch to 6-inch ferns, in several common species that are sold in Europe by thousands, may also become an interesting item to some of our growers.

Many of these species make a quick crop, as is now done with the Boston fern, and like the latter may be sold at quite a moderate price, but until the retail trade becomes sufficiently interested it would be unwise to plunge into large ferns too freely.

W. H. TAPLIN.

MARKET GARDENS.

Prices of Indoor Vegetables.

The prices of indoor vegetables at leading points April 22 were as follows: New York: cucumbers, No. 1, 75 cents to \$1 per dozen; culls, \$2 to \$3 per case; lettuce, 25 cents to 75 cents per pound; mushrooms, 25 cents to 60 cents per pound; radishes, \$1 to \$2 per 100; tomatoes, 10 cents to 30 cents per pound; rhubarb, \$2 to \$4 per 100 bunches. Buffalo, cucumbers, 75 cents to \$1 per dozen. Cleveland, mushrooms, 50 cents to 60 cents per pound. Minneapolis, cucumbers, \$1.50 to \$1.75 per dozen. Detroit, cucumbers, \$1.50 to \$1.75 per dozen; lettuce, 10 cents to 11 cents per pound. Cincinnati, cucumbers, \$1.25 to \$1.40 per dozen. Kansas City, mushrooms, 50 cents per pound.

New York.

PLANTS GROWING IN POPULARITY.

The retrospect of the Easter business is pleasing to the plantmen, but is rather gruesome to the cut flower grower and commission men. The sales of plants of all kinds was enormous, and the round up on Monday showed very little salable stock in the retailers' hands. Such a condition was a striking contrast to the abnormally small volume of business done in cut flower circles. The varieties of plants offered were mainly staple, very few new things making an appearance. Of the new or rather uncommon introductions, *Crassula hybrida* was perhaps most prominent. This plant was strongly in evidence, well flowered, and obviously a good investment owing to its promising appearance as something which would last some time. In potted shape it was a competitor with the erica class and as a component of basket combinations it was very pleasing. *Bougainvillea* was very prominent, both in plant form, and cut, and sold exceedingly well. Azaleas were very plentiful, and, as usual, brought good prices, particularly in the smaller gradings. *Rhododendrons* were in perfec-

tion and specimen plants found ready sale. Large plants were in the majority, and judging from the refusals on account of price it would seem that a supply of smaller stock would have commanded a tremendous sale, and have been a strong rival of the azalea. *Hydrangeas* were as popular as ever and sales of them were large. *Genistas* sold well, and there was no dearth of them. Small to medium sized plants were most in demand, and what was left over was big stock entirely. Lilies cleaned out pretty well. They were in abundance, and expected prices were realized. Potted stock had the advantage and Saturday night saw very little left. While the lilies offered were perhaps a little shorter than usual in the general stock, there were grades to suit everybody, and the growers are to be congratulated in their ability to produce such fine stock under the season's disadvantages which have confronted them. In fancy baskets, hampers, and jardiniere arrangements there were few novelties. Twig formations held their popularity, and grass goods found plenty of favor. The plant combinations to be seen in these carriers were numerous, but very few were striking in character. English hawthorn, flowered, both white and red, was a pleasing offering, especially when a base of primulas was used. *Weigelia*, white and purple, was conspicuous everywhere, and many beautiful specimens were noticed.

In cut flower circles disappointment was rife. On Wednesday, Thursday and Friday, very little stock came in, not enough to supply the business presented, in face of the good prices to be obtained. Saturday morning brought a larger stock, but the demand was small and the market dragged. Towards evening there was evidence of a revival but with late arrivals the market went "all to pieces." American Beauty roses in special grades dropped to 15 cents and lower, and there was a decline in values all along the line. Instead of a clean up there were piles of stock carried over. Violets were fairly plentiful but the quality was very poor, which fact surprised no one. Something over 300 boxes came in, but choice flowers in few cases exceeded a dollar and a half the hundred. The bulk of stock went at any old price. Ship-

ping orders took most of the best violets, and consignees are now profuse in their complaints as to the condition of arrivals. Bulbous stock dragged at low prices, and figured largely in the left over stock.

The market on Monday and Tuesday of this week was in a demoralized condition owing to the absence of anything approaching demand. Even the streetmen were conspicuous by their absence from wholesale circles. Such stock as arrived was poor in quality and did not clean up. Roses were not wanted, and prices were hard to establish. Tulips were plentiful and a dollar a hundred was about the best obtained for them. Sweet peas were abundant and went off at 50 cents to \$1 a dozen bunches. The usual influx of belated lilies has borne down prices of these flowers, and they do not find purchasers very readily. The market is not expected to show signs of improvement before the end of the week.

The market, April 26.—The market is very slow today, buying being very light. Lily of the valley is in strong demand and scarce.

NOTES.

George Hildebrand, a lieutenant of John Young's has been receiving congratulations from his friends on the arrival of a son; and Elmer Greatfield, Joe Fenrich's lieutenant is rejoicing over the arrival of a baby boy during Easter week.

Fleischman's window during Easter week was particularly attractive. The Easter duckling was paramount, ribbon harnessed to egg shaped chariots of flowers, and at the base of miniature golf stick carriers.

The Universal Horticultural Establishment, Inc. has opened handsome office quarters at 343 Fifth avenue. During the holidays it had a fine display of plants and orchids, and the steps leading to the entrance were brilliant with flowering forsythia.

Window boxes bid fair to become an important feature of the retail florists' business this season. Orders are prolific at present, and many windows on prominent streets are already making a fine display.

B. Slinn the wholesale florist of the Coogan building has formed a partnership with L. E. Thompson of Troy, N.



FLOWERING PLANTS EXHIBITED AT THE PACIFIC COAST HORTICULTURAL SOCIETY'S SHOW BY FERRARI BROTHERS.—See San Francisco Notes, page 671.

Y., and the new firm will trade under the firm name of Slinn & Thompson.

J. M. Hodgson sent out some handsome Easter cards for the thirty-sixth annual Easter exhibition of plants and flowers of his Fifth avenue establishment.

Jos. S. Fenrich had a big run on sweet peas during Easter week. His stock was very fine, stems running to ten inches long.

Jos. Leikens found his retail business too large for his quarters, and used a store a few doors above him for his overflow.

John Young's establishment was headquarters for potted lilies, and no finer stock was to be seen anywhere.

W. C. Duncan was the largest shipper of cut lilies to the New York Cut Flower Exchange. Their quality was grand.

The Easter wedding season is on, and some important weddings are scheduled for the next few days.

The Sander sale of orchids at Cleary's, April 25, was well attended and the average prices good.

Alfred H. Langjahr had some grand Brunner roses and fine snapdragons for Easter.

Southern grown lilacs are flooding the market.

Chicago.

SATISFACTION ALL AROUND.

Dealers generally are well satisfied with Easter business, most of the houses stating that up to Friday night country purchases were extremely active. Especially did this apply to carnations, of which the supply was considerably short of demand. Saturday, however, found a surplus of this flower and likewise a drop in prices. Contrary to expectations, lilies of good quality were well cleaned up and at good figures, in fact some firms found it necessary to draw on nearby states for additional supplies. Violets obtained good quotations, and most houses had enough of them to take care of all demands as might be expected. At this season of the year, however, the quality was not anything to brag about. Many Chicago retailers, anticipating a shortage of cut flowers, stocked up with a great variety of plants, and the majority say they were not sorry for having done so, most of the same having been moved at prices that were quite satisfactory. As is generally the case after a holiday the early days found a lull in demand. However, with bright weather it is expected conditions will soon again become normal.

A California visitor has located Tom Corbrey at Long Beach alongside a barley ranch in the frost proof belt under Signal hill, a local point of some interest. Mr. Corbrey is as wiry as a "broncho buster" and tanned as dark as a peon ranchero. His land has now a value of \$1,200 per acre against a cost of \$500 a year ago and it keeps him so busy raising the price that he has but little time to raise anything else. The soil is alluvial and fifteen feet deep. Rees & Compere, Brazeo, Mescrve and Gage are his neighbors.

P. J. Hauswirth states that during his long experience of over twenty years he has never seen Easter plants of as good quality and such variety as those supplied by Chicago growers this year. This speaks well for those who have interested themselves in the pro-

duction of a line that has heretofore been sadly neglected and for which there is bound to be an increased demand each year.

Baby Rambler proved to be the Easter novelty par excellence. Numerous retailers report having realized higher prices than for any blooming plant of a comparative size. Many of the stores are showing this rose in hampers with hydrangea and spirea, the contrast in color producing a stunning effect.

Stollery Brothers made a specialty of rhododendrons and Murillo tulips for Easter, producing both in perfected

which were sent to him by Louis Dupuy, of Whitestone, L. I., N. Y. This plant, which is of European nativity, is also of recent importation to this country and bids fair to become a formidable rival for future Easter trade honors.

Philadelphia.

EASTER TRADE BREAKS RECORD.

The Easter just passed has, we believe, broken the record in volume of business done over that of any previous season. With the exception of April 21, when the city was visited by a terrific wind and downpour of rain which



H. PLATH'S FERN DISPLAY AT THE PACIFIC COAST HORTICULTURAL SOCIETY'S SHOW.—See San Francisco Notes, page 671.

shape and disposing of all they grow at good prices.

August Lange used two large omnibuses for the delivery of Easter plants. Large placards on the side of each made an imposing advertisement.

Mangel is showing dwarf Japanese trees (said to be over 100 years old) which attract a great deal of attention from the public.

Vaughan & Sperry are well satisfied with their first Easter business, this firm having enjoyed an extensive shipping trade last week.

Henry Rowe reports Easter trade the largest since he has been in business, buyers confining themselves largely to plants.

Pochmann Brothers enjoyed an enormous Easter cut, with an especially fine lot of Liberty and American Beauty roses.

The E. F. Winterson Company is receiving fancy arbutus from Michigan and Wisconsin points.

A shortage of good Easter lilies in pots was reported Saturday afternoon.

Bob Fitzsimmons, the pugilist, visited the commission district last week and knocked out Ed. Winterson by a wholly unexpected maneuver.

Visitors: W. A. Hartman, South Haven, Mich.; Edw. Amerpohl, Janesville, Wis., and E. C. Littig, of Littig Brothers, Davenport, Ia.

FLORISTS' CLUB MEETING.

The regular meeting of the Chicago Florists' Club, held in Handel hall, April 27, was not very largely attended, and beyond announcing that a supper and entertainment would be given at the next meeting, no business was transacted. A. Frey, of Lincoln park, was present and brought with him specimens of *Crassula coccinea* hybrida,

must have done considerable damage to the stock of the street men, and this, by the way, was unusually large this year, blooming plants were to be seen in almost a continuous line from around the commodious pavement of the city hall on the north side of Market to Tenth street. South street was also lined with them for many blocks and uptown Girard and Columbia avenues were also alive with squatter vendors who placed their loads on the first favorable spot they could find. The department stores also seemed to carry larger lots, some of it being very good, but much it could be seen was there because of its low figures. This low priced stock stood out prominently in the ads. in the papers and probably brought the bargain seekers. There is no doubt that many plants were handled through these channels.

With all this competition, however, the regular stores appeared to do their usual business and quite a few reported that their sales were larger than last season, thus showing a considerable increase in the total value of business done. Prices were about the same as last year. The high retail price for lilies was 25 cents per bud and flower. This was generally maintained in all the best shops in spite of the fact that the department stores quoted theirs at from 10 to 12 cents. A tour among the stores showed that generally they had cleaned up well, the demand having been well calculated by the dealers. The stock generally was in splendid condition, the cold weather of the past two weeks enabling the growers to deliver it in fine shape.

The most noticeable plants were Robert Craig & Son's bougainvilleas. These were the finest we have ever seen,

being a perfect cloud of flowers on well shaped plants alike on all sides. W. K. Harris sent out some Baby Rambler that were a revelation; they were only one year old plants in 6-inch pots which had already flowered at Christmas and which had been cut back to the pot for cuttings. When delivered by him at Easter they bore from six to ten or more heads in clusters of flowers of immense size much larger than the best Rambler. These seemed to open fuller and did not fall off as does the Rambler. They attracted attention from all who saw them and will, we predict, entirely replace the parent plant as an Easter staple. There did not seem to be as much of a specialty made of plant baskets. William K. Harris had a number of made-up pans of azalea Van der Cruyssen that sold well.

There was a good demand for cut flowers. American Beauty, Brunner, Jacqueminot, Liberty, and tea roses all sold well at increased prices. The Brunner came from the Hugh Graham Company and were fine stock. The Jacqueminot were sent in by J. W. Colflesh, who has the only house about the city. Violets were very scarce and came mostly from New York. There was not enough to go around at \$1.50 per hundred. Lily of the valley was in great demand; S. S. Pennock handled over 40,000 and could have sold more. The Leo Niessen Company also sent out quantities of lily of the valley and Easter lilies by the thousands. Carnations were high but sold well, Enchantress going for 8 to 10 cents apiece. Sweet peas were also handled in quantity, the wholesale flower market having some very choice Blanche Ferry. They also had some fancy Lady Campbell violets.

NOTES.

About two o'clock Easter Sunday morning Charles P. Poryzees, of Chestnut, above Broad, suffered a loss by fire, his place being completely gutted. He had fitted the place out himself, it being the ruins of a building destroyed by fire some years before, and on account of its light construction he was allowed to carry but very little insurance, so that his loss will be almost a total one.

Berger Brothers handled the Philadelphia Carnation Company's sweet peas, which are rated among the fancies.

The Philadelphia Cut Flower Company sold quantities of tulips, of which they had a large stock. K.

Boston.

PLANTS LEAD IN DEMAND.

The market during Easter week has been as changeable as the weather during the same period. During the first three days of the week, while the weather was cold, prices were steady but very little stock was brought into the market for sale. On Thursday and Friday the market was very brisk, large quantities of all kinds of flowers and plants being brought in and found ready sale at advanced prices. The advance ranged from fifty to 100 per cent. On Saturday there came a slump all along the line due to holding back too much stock for a rise in price. This falling off in price was especially noticeable in carnations which fell from 6 to 4 cents and 5 to 3 cents apiece.

The most noticeable feature of the Easter trade was the increased demand for plants. Plants sold freely all the week, the retail stores being full of them. This demand for plants instead of cut flowers at Easter has been growing more noticeable each year, until now many of the larger growers are filling their houses entirely with plants for this season in preference to carnations and roses. On Saturday morning the azaleas, lilies and potted roses cleaned up entirely, while many found it difficult to dispose of their cut flowers at a reasonable profit. Of the plants the lilies still are the favorite, in fact the demand for them cleaned up the supply. Azaleas are a close second in the public favor. Pots of spiraea are also in demand. Bulb stock of all kinds advanced but little in price and moved but slowly. Taking all varieties of plants and flowers this Easter's business averaged well with that of previous years.

NOTES OF THE DAY.

John Streiferd & Son of Weymouth brought in, on Friday last, what was probably the best bunch of snapdragons seen here the present season.

T. F. Galvin's windows had a very attractive Easter display, one window containing a display of Rambler roses, and pots of lilies of the valley, the other being banked with lilies.

Henry M. Robinson & Company report that they have had the best Easter trade in their experience, due principally to the high grade of ferns which they have been handling this season.

James J. Casey of the Rosary on Bromfield street did a large Easter business in azaleas, having some especially fine plants on exhibition.

Penn of Bromfield street had an effective display in his window, a bank of pink azaleas with doves flying suspended in front.

Hoffman's new store had an effective display of lilies and spiraea, and reports that they had all the business they could attend to at all three of their stores.

Bride and Maid have not enjoyed the advance in price which other classes of cut flowers have had this week, and have been selling very slowly at low rates.

Easter lilies have been bringing about 12½ cents a flower or bud at wholesale, and from 16 to 25 cents at retail.

The Montrose Greenhouses have been cutting some exceptionally good roses the past two weeks.

Mann Brothers of Randolph have been disposing of some very fine rhododendrons in pots.

O. L. Dorr of Foxboro brought in about 75,000 double violets on Saturday.

Welch Brothers report an exceptionally good Easter trade. H. P. S.

Buffalo.

SPRING SHOW.

The weather the past week was very changeable with trade only fair. The event of last week was the spring show at the Sweeny Company's establishment, which in point of entries was larger than the fall show. The stock shown by Charles Sandiford, gardener to J. J. Albright, was grand and showed beyond all doubt his ability to grow good stock. In all \$985 was awarded

in prizes. While it was a new venture in Buffalo, it met with instant approval and it seemed to be the opinion of the visitors at the spring show was more interesting than the chrysanthemum show. The space given for the exhibition was ample and in nearly all cases the stock was in good shape at the end of the exhibition.

The judges were Roderick Cameron, Niagara Falls, Ont., plants; E. H. Wilson, Rochester, N. Y., plant arrangement; Robert Bard, Syracuse, N. Y., cut flowers. Their decisions gave general satisfaction.

A number of visitors were noticed, among them being E. C. Beatty, Oil City, Pa.; P. R. Quinlan, Syracuse, N. Y.; E. A. Butler, Niagara Falls, N. Y.; Thomas Mansfield, Lockport, N. Y.

THE AWARDS.

Lilies, three classes—William Scott Floral Company, two firsts, one second, one third. Wassou Floral Company, one first.

Azaleas, three classes—Charles Sandiford, three firsts, two seconds, William Scott Floral Company, one second, two thirds.

Rhododendrons, one class—Charles Sandiford, one first, one second. William Scott Floral Company, one third.

Roses, including Ramblers, two classes—Charles Sandiford, two firsts, two seconds.

Tulips, ten classes—William Scott Floral Company, four firsts, five seconds, four thirds. L. H. Neubeck, two firsts, one third. Charles Sandiford, four firsts, four seconds, one third.

Hyacinths, six classes—Charles Sandiford, three firsts, one second. William Scott Floral Company, one first, three seconds, four thirds. L. H. Neubeck, one first.

Narcissus, four classes—William Scott Floral Company, one first, two seconds, one third. L. H. Neubeck, one first. Charles Sandiford, one first.

Lily of the Valley, one class—L. H. Neubeck, first; William Scott Floral Company, second.

Spiraeas, one class—William Scott Floral Company, first. Charles Sandiford, second. L. H. Neubeck, third.

Orchids, one class—Charles Sandiford, first. Begonia, two classes—George Urban, Jr., two firsts, one second.

Stove and greenhouse plants—William Scott Floral Company, first. George Urban, Jr., second.

Collection forced hardy shrubs—Charles Sandiford, first.

Collection Easter flowering and ornamental plants arranged for effect, two classes—Charles Sandiford, one first. L. H. Neubeck, one first. William Scott Floral Company, one second, one third. Lake View Rose Gardens, one second, one third.

Basket plants, two classes—William Scott Floral Company, two firsts, one second, two thirds. L. H. Neubeck, one second.

Roses, American Beauty—W. F. Kasting, first. C. H. Kratsch, second; L. H. Neubeck, third.

Tea Roses, three classes—W. F. Kasting, two firsts in white and red, one second in pink, one third in red. Charles Guenther, one first in pink, one second in white. Lake View Rose Gardens, one second in red, one third in pink, one third in white.

Carnations, eight classes—William Ehman, Corfu, N. Y., three firsts with Alba, Lawson and general collection. Chicago Carnation Company, three firsts with 100 blooms Cardinal, three varieties Variegated and Patten, three seconds with Lady Bountiful, 50 any color and Prosperity, two thirds with Enchantress and Lawson, one second, general collection Chicago. William Scott Floral Company, one first with 50 Enchantress, one second with variegated Prosperity, one first any color Harlowarden. Lake View Rose Gardens, one second red Estelle, one second dark pink Lawson, one third White Gladys. G. Schoenfeldt, one third with general collection.

KALAMAZOO, MICH.—Mrs. Dunkley, Dunkley Floral Company, died April 25, from heart failure.

COLLEGE SPRINGS, IA.—Various improvements have recently been made at the College Springs nursery by E. M. Stitt, the proprietor. The standard trees and fruits are kept in stock, the majority being grown for home trade.

Newport, R. I.

GOOD EASTER TRADE.

After a very careful canvass and review of our Easter business, not only this past week but for previous years, it would seem to be the consensus of opinion of our florists that our Easter trade for 1905 has been no better than the average of several years past, and if anything not up to a fair average. It is not hard to find a reason for this—the very unseasonable cold weather of the whole month thus far, so cold that quite thick ice has formed almost every night. Our best gardeners call the season at least three and perhaps four weeks late; not a shrub or tree has yet started, not even deutzias or forsythias. Most buyers waited until Saturday and then all came together, but it only resulted in one splendid day's business and the holiday trade was over.

TRADE NOTES.

J. C. Hillebrand, representing the General Bulb Company, of Vogelenzang, Holland, was with us the past week and reports that all fall bulbs, and especially the tulips and hyacinths, will be better than usual in quality the coming autumn, as the weather in Holland has been the most favorable in several years for their development.

M. B. Faxon has a number of frames of his White House pansies just coming into bloom. The flowers are very large and at the same time thick and velvety. Mr. Faxon has only a few not grown on orders and is disposing of his surplus at \$8 per 100. The plants are large, and the individual flowers splendid in rich colors.

Hass made their usual splendid Easter display; lilies 25 cents a flower, bulb stuff 50 cents a dozen right through; roses \$2 a dozen, and carnations \$1; violets sold clean at 50 cents to \$3 a bunch according to size; plants went whole at usual prices. Think trade as a whole not over the average.

Ziegler decorated for the Adair-Griffith wedding April 20, using many palms and other foliage plants for a very pretty decoration. The bridesmaids carried bouquets of roses, and the bride's bouquet was Bride roses made in shower form.

The George A. Weaver Company is advertising sweet peas which have been treated and inoculated with "Nitro-Culture." In connection with this they are offering three prizes, \$2, \$1 and 50 cents for the best blooms grown from this inoculated seed.

The Eastern Chemical Company, of Boston, Mass., have gradually introduced their plant foods here, and their goods are producing excellent results. Their Mr. D. M. Pray is here quite often, and keeps us in mind with his I. M. P. brands.

Ziegler had a splendid Saturday and a fair trade all the week; cut pansies at 15 cents a dozen and potted at 25 cents a pot were great sellers. Violets everybody wanted. Considers trade as a whole behind last year.

Gibson Brothers report their trade far ahead of past seasons; lilies 25 cents, and lots of plants selling; azaleas, genistas, Baby Rambler went fine, spiraeas and much bulb stock.

Fadden while busy does not consider the trade more than an average; violets sold especially well at \$1.50 per 100 and lilies at 25 cents a flower went fair.

Caswell's Greenhouses wholesaled all their carnations at \$3.50 per 100; consider the business done as a whole below the average somewhat.

Brandt did about the usual good Easter business and would have done much more but for the very cold weather of the entire week.

Hodgson as usual did all his business from his New York store, Dennis Leary, the manager here, going to New York as usual to help out there.

The seed stores have had a great volume of orders and have been rushed to the limit of late, and overtime has been the rule with all.

Leikens did a splendid business but all from the New York store; he does not open his Bellevue avenue place until May.

James J. Sullivan, head gardener to Mrs. Ogden Goelet, has in bloom a house of splendidly grown gardenias.

De Blois made a specialty of violets at 35 cents a bunch of twenty-five flowers and sold a large lot.

The George A. Weaver Company as usual offered and sold a great many flowering plants.

Carl Jurgens considered Newport's Easter about as usual.

Galvin calls the trade on the whole about an average.

Schultz did more business than in past years. X.

Detroit.

Easter business was the most extensive and satisfactory ever experienced. Cloudy and rainy weather nearly the whole of the week and particularly on April 21 made the indications anything but favorable, and much apprehension was felt as to the probable results, but to the delight of all April 22, and Easter too, was the ideal, clear, balmy Easter weather, which alone was needed for the record-breaking trade that was enjoyed by everyone, and which exceeded in volume from ten to twenty per cent that of the same event a year ago. Lilies were by far, the most popular of all blooming plants and every store was well stocked with them as also with great quantities of hydrangeas, azaleas, Crimson Rambler, hybrid roses and bulbous stock in pans and pots. There was a notable absence everywhere of the former extravagant use of ribbons and other trimmings of flowering plants whose beauty alone was sufficient to command their ready sale. While plants were more in demand than cut flowers, the latter were much called for and great quantities were sold. The supply of carnations was much short of the call and violets were very popular and probably three times the number sold would have been disposed of if they could be furnished.

Visitors: H. A. Bunyard, New York; A. S. Ringler, Chicago; H. D. Byers, Dayton, Ohio.

J. F. S.

WINCHESTER, TENN.—It is estimated that the recent frost caused a loss of over \$3,000 to the nurseries in this vicinity.

ALFRED, ME.—Col. G. F. B. Leighton, enthusiastic horticulturist and intimate friend of Marshall P. Wilder, died here April 3. He was born in Elliott, Me., in 1816, but came here in early childhood. For many years he was an honored resident of Norfolk, Va.

OBITUARY.

Dr. Herman Schroeder.

Dr. Herman Schroeder, for some years identified with the nursery trade at Bloomington, Ill., died at his home in that city April 7. He was born near Madgeburg, Prussia, May 22, 1821.

Samuel W. McCloud.

Samuel William McCloud died at his home in Minier, Ill., April 8, after a long illness of cancer of the stomach. He devoted the last ten years mainly to the florist and nursery business. He is survived by a wife and two children.

Patrick T. O'Donnell.

Patrick T. O'Donnell, the well known nurseryman, died suddenly at his home in Pittsfield, Mass., April 13, death resulting from hemorrhage. He was a resident of Pittsfield for the past fifteen years. The deceased was 40 years old. He leaves a widow and four children.

L. C. Cady.

L. C. Cady, an expert horticulturist, was found dying, April 19, near the orchard of the Muskegon Nursery and Fruit Growing Company, Muskegon, Mich. He had a short time before finished a day's work in the orchard. Medical attendance was called but nothing could be done to save his life.

Edward Finnan.

Edward Finnan, a prominent landscape gardener of Lynn, Mass., died April 13 after a short illness. He was born in Limerick county, Ireland, about 59 years ago and had been a resident of Lynn for the past 35 years. Two brothers and two sisters survive him, all living in Lynn.

Mrs. Hattie May Payne.

Mrs. Hattie May Payne, wife of H. T. Payne, manager of J. R. Freeman's store, Washington, D. C., died at Providence hospital in that city April 11. The death of Mrs. Payne came as a shock to the many friends of the family, as it was not generally known that she was ill. Complications arising from an old injury received in a street car accident several years ago caused her death. During the holiday seasons she frequently visited the store to help out with a rush of work and thus became well known to many of its patrons, by whom she was highly esteemed for her sunny and obliging disposition. Mrs. Payne was born and reared in Washington, her maiden name being Bates, and in addition to her husband and one daughter, Lenora May, aged fourteen, is survived by her father, mother, brothers and sisters. The funeral was held on April 13, interment being in Oak Hill cemetery. There were many beautiful floral designs, among the most noteworthy being a large standing wreath of American Beauty roses and lily of the valley from J. R. Freeman and family.

S. E.

ROCKFORD, ILL.—J. E. Johnstone, proprietor of the Johnstone nurseries has returned from Crystal Lake. He had been there for the past few weeks for the benefit of his health.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted only from those in the trade.

Advertisements, on all except cover pages, 10 Cents a Line, Agate; \$1.00 per inch. Cash with Order.

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Discounts are allowed only on consecutive insertions, as follows—6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent.

Space on front pages and back cover page sold only on yearly contract at \$1.00 per inch, net.

The advertising Department of the AMERICAN FLORIST is for florists, seedsmen and nurserymen and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Monday to secure insertion in the issue of the same week. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send the old address at the same time.

THIS ISSUE 52 PAGES WITH COVERS.

“M. J. T.” should remember that unsigned communications are not given any consideration.

THE Crimson Rambler and Baby Rambler roses for Easter use have come to stay.

THE great increase in the demand for plants should be carefully noted by those who handle storage cut flowers.

“THE SCHOOL GARDEN,” by L. C. Corbett, is an interesting bulletin just issued by the United States Department of Agriculture.

IT is gratifying to note that the restaurant keepers are gradually substituting real plants for the artificial and dried material which has been in extensive use for several years.

PEROXIDE OF HYDROGEN is recommended for those who have sore hands resulting from handling cut flowers, especially roses. It comes in liquid form and should be applied directly to the sores. A 4-ounce bottle can be had at any drug store for 25 cents.

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Society of American Florists.

President Vaughan has appointed E. B. George of Painesville as vice-president for Northern Ohio.

W. J. STEWART, Sec'y.

The Illinois Florists' Bill.

We now learn that the fate of the Illinois florists' bill was due to economy on the part of the senate committee, which gave it out that the bill would be annulled in that interest when it reached the senate. Favorable action would have been taken by the house had the senate intimated that the bill would have been regarded favorably when it reached that body. There is every reason to believe that favorable action will be taken by both the houses next time the bill comes up for consideration. Unless there is an extra session, however, two years must elapse before this can take place.

American Carnation Society.

The report of this society will be ready for distribution in a short time and will be sent to paid up members only. Any who are in arrears or who would like to get this report and are not members should send \$2 to Fred Dorner, Jr., Latayette, Ind., at once.

A. H. Hews & Company, Cambridge, Mass., offer for the meeting and exhibition in Boston next January a cup to the value of \$25 for the best collection of carnations, four varieties, twenty-five blooms of each, to be shown in separate vases. This prize will be open to all with either seedlings or named sorts and with no restrictions as to color. Any other firm or grower which desires to give special premiums for this exhibition can report them to President Peter Fisher, Ellis, Mass., or to the secretary, ALBERT M. HERR, Sec'y.

Decoration Day.

Easter is past, now prepare for Decoration day. There was plenty of time to let the public know what would be in the market for them at Easter. Let the buyers know now what they can have in abundance and of the best quality for Decoration day. Guessing will not go any more. One must go ahead and be ready in advance, not only by telling what you have and will have through the advertising columns of the AMERICAN FLORIST, but samples must be sent out so that the prospective purchasers may see what they are likely to get, in what quantity, and what it will cost them. Plants and flowers for Easter were of excellent quality and the sales were large enough to show that the taste for these is decidedly on the increase, which will be still more marked if efforts are made by both growers and retailers to have special things brought before the public for each occasion, not by way of novelty but by reason of its being appropriate.

Meetings Next Week.

Detroit, Mich. — Detroit Florists' Club, Cowie building, Farran and Gratiot avenue, Wednesday, May 3, at 8 p. m. Hamilton, Ont.—Hamilton Gardeners' and Florists' Club, office of member, Tuesday, May 2, at 8 p. m.

Indianapolis, Ind.—State Florists' Association of Indiana, Commercial Club rooms, Tuesday, May 2, at 8 p. m. Lake Geneva, Wis.—The Lake Geneva Gardeners' and Foremen's Association, rooms of the Lake Geneva News, Saturday, May 6, at 8 p. m.

Louisville, Ky.—The Kentucky Society of Florists, Tuesday, May 2, at 8 p. m.

Manchester, Mass.—North Shore Horticultural Society, Friday, May 5.

Milwaukee, Wis.—Milwaukee Florists' Club, Empire Building, West Water and Grand avenue, Tuesday, May 2.

Minneapolis, Minn.—Minneapolis Florists' Club, Latham's Conservatory, 83 South Tenth street, Friday, May 5.

Montreal, Que.—Montreal Gardeners' and Florists' Club, Alexandria Rooms, 2204 St. Catherine street, Monday, May 1.

New Haven, Conn.—New Haven County Horticultural Society, Tuesday, May 2.

New London, Conn.—Eastern Connecticut Horticultural Society, greenhouses of Secretary H. H. Appeldorn, Tuesday, May 2.

Newport, R. I.—Newport Horticultural Society, Wednesday, May 3.

Philadelphia, Pa.—Florists' Club of Philadelphia, Horticultural hall, Broad street above Spruce, Tuesday, May 2, at 8 p. m.

Pittsburg, Pa.—Pittsburg and Allegheny Gardeners' and Florists' Club, 422 Sixth avenue, Tuesday, May 2, at 8 p. m.

San Francisco, Cal. — Pacific Coast Horticultural Society, Saturday, May 6.

Tuxedo, N. Y.—Tuxedo Horticultural Society, Tuesday, May 2.

Utica, N. Y.—Utica Florists' Club, 183 Genesee street, Tuesday, May 2, at 8 p. m.

Washington, D. C.—Washington Florists' Club, Schmidt's hall, 516 Ninth street, N. W., Tuesday, May 2.

Odd Items.

The fortifications of Paris are to be dismantled and those interested in the welfare of the city are making strong efforts to have spaces reserved for popular gardens on these sites.

The scientific culture of wild flowers and medicinal herbs, plants and roots has been found to be a lucrative form of work by a number of students in an eastern state.

The United States senate has barred flowers from its august portals, a resolution to that effect having been adopted February 24.

Every Japanese family of standing has artistically correct vases, vase holders and flowers, and the manner of entertaining an honorable visitor is to ask him to arrange some flowers. The guest is governed by rigid laws.

Prof. Balfour, of the University of Edinburgh, has an interesting article on "Physiological Drought in Relation to Gardening" in the January issue of the Plant World.

Floriculture at Prescott, Ariz.

THE TERRACE GREENHOUSES.

Fresh cut flowers, carnations, roses, lilies, smilax, lace ferns, pot plants and cuttings, at eastern prices. Fine floral work a specialty. Honey, fresh eggs. Canary and mocking birds. Squabs. Plants rented for parties, weddings and entertainments.

MRS. W. N. KELLY, Phone 90. 403 S. Alarcon St.

SITUATIONS, WANTS, FOR SALE.**One Cent Per Word.****Cash with Adv.****Plant Advs. NOT admitted under this head.**

Every paid subscriber to the AMERICAN FLORIST for the year 1905 is entitled to a five-line WANT ADV. (situations only) free to be used at any time during the year.

Situation Wanted—As gardener; German, married, one child; 19 years' experience. All references. Box 208, care American Florist.

Situation Wanted—By a grower of roses, carnations, 'mums and general cut flowers as working foreman or manager; German, 42, widower, life experience. References. Address Box 219, care American Florist.

Situation Wanted—By a steady, sober, middle-aged man as assistant or helper where general greenhouse stock is grown. Wages not so much of an object as additional experience. Address Box 305, care American Florist.

Situation Wanted—By a Norwegian florist, 35 years of age, a practical grower of pot plants and cut flowers; would like a position in a north-western state. State wages. Best of references. GUSTAVE E. ANDEREN, Edwardsville, Ill.

Situation Wanted—As working foreman, underhands growing roses, carnations, violets, 'mums and miscellaneous plants; 38 years' practical experience, 21 years in England, 17 years in United States; single, age 52, English. GEO. H. MORRIS, 16 Church St., Hartford, Conn.

Situation Wanted—By a German, as manager in large florist establishment; 40 years' of age; 21 years' practical experience in all branches of greenhouses and store; would be willing to purchase interest in good established business. Address Box 214, care American Florist.

Help Wanted—Man for general greenhouse work. Inquire of E. HOBBS & Co., 3116 Indiana Ave., Chicago.

Help Wanted—An all around man. German preferred. State wages wanted without board. O. R. DENMLER, Eau Claire, Wis.

Help Wanted—At once, German man, single up in cut flowers and pot plants. State wages. J. B. GOETZ SONS, Saginaw, W. S., Mich.

Help Wanted—Good man for bedding plants; single; must be good salesman and speak English and German. Address P. BLONDEEL, Oak Park, Ill.

Help Wanted—At once, a good all-around florist as second man; wages \$12.00 a week; steady position to the right man. Address Box 301, care American Florist.

Help Wanted—Good grower of roses, carnations and bedding stock. Sober and industrious. Good wages, steady job to the right man. Box 218, care American Florist.

Help Wanted—A competent man as assistant in private place; must be a good grower. Send references and state wages wanted. Address J. C. K., 606 Case Ave., Cleveland, O.

Help Wanted—Man for carnation section; also man for outside work taking care of lawns; must have some experience at nursery work; steady employment. S. J. REUTER, Westerly, R. I.

Help Wanted—A sober and industrious single man who understands how to grow good roses and carnations. State wages expected with board and room. Address Box 304, care American Florist.

Help Wanted—A foreman to take charge of wholesale plant of 25,000 square feet of glass; roses and carnations; must be a No. 1 grower; wages \$75.00 a month. Address Box 302, care American Florist.

Help Wanted—Capable, industrious, sober flower and vegetable gardener for country place near Nashville, Tenn. Will furnish house with garden, fuel and milk. Wages \$25 per month. Must be married. Best references required. J. M. OVERTON, Overton Hall, Station 11, Nashville, Tenn.

For Sale—Coal boiler, 25 pipes, 4 ft. long, 14-inch, at \$15.00. Address C. WINTERICH, Defiance, O.

For Sale—A good business, in a fine town. Doesn't require a fortune. Investigate. Address Box 221, care American Florist.

For Sale—A well-paying business, greenhouses and store in full operation. For particulars address Box 303, care American Florist.

For Sale—4-inch cast iron pipe at 6c per foot. One Krosschell boiler, extra large size, cost over \$500 for \$150. Address HELLER BROS., New Castle, Ind.

For Sale—Cheap, a good paying florist business, well established, in San Antonio, Texas. Fine opening here for an up-to-date florist. Address Mrs. S. MAVERICK, San Antonio, Texas.

For Sale—Greenhouses of between 6,000 and 7,000 square feet of glass and double house. In fine locality. On trolley line. For particulars address Mrs. M. A. HILL, Ansonia, Conn.

For Sale—Boilers, half price; one Mills boiler, No. 4½, heats 5,000 feet of glass; one Deau boiler, heats 3,000 feet of glass; good condition; now in use. Address FRED. M. FLAGO, 648 State St., Springfield, Mass.

For Sale—Owing to the death of the proprietor, the greenhouses and stock of the Lake Geneva Floral Co., established in 1890 are offered for sale. A good opening for a practical man. W. H. HAMMERLEY, Lake Geneva, Wis.

For Sale—Delta Greenhouse, located 4 blocks from depot in a booming town. Inquire of Mrs. R. J. LOCKHART, Delta, Colorado, for particulars. \$100 cash if sold before May 14. This includes building, stock, business and two lots. Mrs. R. J. LOCKHART, Delta, Colo.

For Sale—A good florist business in a western city of 60,000 can be purchased at a great sacrifice. Well established trade and prospects for future bright. Is worth \$1,700, but will dispose of business for \$700 cash. Ill health cause of disposition of business. Address Box 217, care American Florist.

For Sale—Greenhouses of between 7,000 and 8,000 square feet of glass with dwelling house and barn, horse and wagons; in fine locality on trolley line; entire product of greenhouses to be sold at retail; cause of selling sickness. For further particulars address H. MADSEN, 395 New Bridge, W. Springfield, Mass.

For Sale—Greenhouse plant of about 30,000 feet of glass; also ten acres of land; good 6 room dwelling and barn. Will sell reasonable or rent to responsible party. Our city has 50,000 inhabitants and no roses are grown here to speak of. Reason for selling, owner wants to retire. Do not answer this ad unless you mean business. For particulars. Address Box 212, care American Florist Co.

For Sale—Old age compels me to quit business. I offer my two greenhouses well stocked, No. 17 Hitchings boiler, pipes, house of seven rooms, lot, bothe, sash, etc., for sale cheap. City of 3,000 inhabitants, sixty-five miles from Chicago. Shipping facilities in all directions. Splendid location for a hustler, with no greenhouse inside of twenty-eight miles. Will sell greenhouses alone if desired. Correspondence solicited. CHARLES FAUST, Harvard, Ill.

For Rent—At Frederick, Md., greenhouses 18x63, 12x102, 20x162, boiler room 18x60, equipped with No. 8 Furman boiler, and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure, labor cheap, city water; no stock on hand. Rent \$300 per annum, half payable in advance every six months. Ill health of owner compelled retirement from successful business; principally vegetables and glass and mushrooms for Washington and New York. HENRY TRAIL, Frederick, Md.

FOR SALE..

A valuable greenhouse property consisting of four houses, 6x40, 26x162, 26x102, 50x100; all heated with hot water. These houses are all of iron frame construction of the most modern pattern, and in finest of condition. All stocked with fancy carnations of best selling varieties. Only two hours from New York City and splendid shipping facilities at all times. These houses with land will be sold at a reasonable figure and on easy terms. A good chance for a wide awake man with brains, energy and some ready money. Don't bother with this unless you mean business.

XY Z, care Am. Florist, 429 6th Ave. New York.

FOR SALE—About 50,000 feet of glass nearly all devoted to carnations, one house of roses and one of asparagus plumosus; houses in splendid condition; two built last summer; 72-inch by 16 ft. boiler heats the place with ease; another large boiler in reserve. Michigan's great coal field but a short distance furnishes coal at a very low price. A splendid wholesale and retail trade well established; one of the best shipping points in Michigan, reaching with ease and comparatively short time. Chicago, Milwaukee, Buffalo, Detroit, the Saginaw valley and all points east, west, north or south. Splendid trade in field-grown carnation plants as well as rooted cuttings. Stock in fine condition. Soil and climate just suited to growing carnations—both quantity and quality. Splendid water privilege for field and houses. An exceptional chance for some one to step into a well established business. Will also sell or rent a large or medium sized house. For further particulars, address Box 238, care American Florist.

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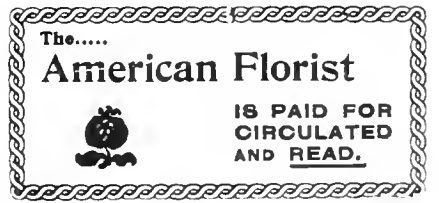
Large commercial place; southeast coast preferred. The applicant, Mr. Frank Fischer, is highly recommended by James Hartsborne, manager of Chicago Carnation Co., with whom he has been six years. Address

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**At Bankrupt Sale at Macon, Ga., May 2nd, 1905, at Public Outcry. Terms Cash.
Sold as part of the Assets of the late R. H. Planck.**

This beautiful piece of property is situated five miles from the Macon Court House, in the healthiest part of Georgia, about two hundred yards from Summerfield, a station on the Central of Georgia Railway, and directly on the main roadway between Macon and Atlanta, making a beautiful drive through Vineville and the choicest part of Bibb County, over as fine road-bed as could be wished.

The Greenhouses, consisting of eight large, finely constructed and up-to-date glass houses with a smaller one attached, are located on a beautiful eminence overlooking a large tract of farming lands and scenery unsurpassed in middle Georgia, is finely equipped with three handsome houses for employes, stables, barns, sheds, etc; within easy reach of the soils so essential to the successful growing of flowers. Large sums of money have been expended to bring the plant up to perfection. Abundant supply of water and a heating apparatus, more than sufficient for present needs. About thirty-three acres of land go with the place.

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For further information, write, telegraph, or apply in person to

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New Orleans.

One of the most interesting and busiest monthly meetings of the New Orleans Horticultural Society was held Thursday evening, April 20. In connection with the chrysanthemum and general flower show a motion was carried that the arrangements committee confer with the representatives of the International Sunshine Society, Louisiana branch, to co-operate with the horticultural society to make the exhibit a great artistic as well as a financial success. The society decided to have the annual outing in July, and the following committee of arrangements was appointed: Richard Eichling, chairman, M. M. Lapouyade, and Paul Abele. An invitation extended from Mr. Alost to have the society at dinner at his place Sunday, May 7, at 3 p. m., was accepted with the thanks of the entire society. Otto Werner and Harry Kroak were elected members of the society.

First and second prizes were offered for the best collection of cut roses, one of each, twelve varieties; one of each, pot roses, two plants. Harry Papworth won both first prizes for cut roses, with two fine collections, one of forty and one of twelve varieties, outdoor grown,

consisting of teas, hybrid teas, hybrid perpetuals and Bourbon. Noteworthy amongst them were Roger Lambelin, Souv. de Pierre Notting, Bessie Brown, White Cochet, etc. The flowers were all excellent in form and color, with long, strong stems. James Newsham won first prize for two best pot roses of Magna Charta, 8-inch pots, each with 8-10 flowers and buds. Very strong plants, flowers perfect in form and color. No other competitors entered for prizes, which was regretted by all. Abele Brothers exhibited Mme. Levavasseur (Baby Rambler) in a 6-inch pot, a fine plant in full bloom.

Richard Eichling, manager of U. J. Virgin's nursery exhibited six specimen plants of *Lilium Harrisii* with from 6 to 9 buds and flowers, in 6-inch pots grown from 5 to 7-inch bulbs. The plants were 3½ feet high, stems strong, erect and covered pyramid-like with dark green foliage, the flowers very large and pure white. A group of colors Bedford Gem with Dreer's golden pandanus in center, all perfect plants of peculiar indescribable color in its height of beauty.

Lily of the valley, height one foot, strong stems with 12 to 14 large bells and fine foliage, was in evidence.

Cut Iris *Hispanica* from outdoors; British Queen, Formosa and Belle Chinoise, stems 1½ to 2 feet, strong and flowers large. Although no prizes were offered for plants and flowers at this exhibition, it was unanimously declared one of the most complete and finest ever held by the society. The weather during Easter week was very warm and beautiful, trade very satisfactory all around, demand for Easter lilies, lily of the valley, roses and carnations very great.

CRESCENT.

NORTH CAMBRIDGE, MASS. — John McKenzie has purchased the William C. Stieckel property on Magoun street and will take possession June 15. Mr. Stieckel will hereafter give his entire attention to his greenhouses in Lexington.

HOUGHTON, MICH.—A receiver's sale of the personal property of the Lutey Floral Company was held April 17. The property was bid in by J. D. Stone for \$200 in excess of the mortgages. The sale of the property near Chassell, including 200 acres of land, will take place in about four weeks.

DREER'S HARDY PERENNIALS FOR SUMMER CUT FLOWERS

If you are not interested in a general line of Hardy Perennials, but have use for summer cut flowers you should consider at least the following leaders, which are the cream of the best sorts for summer cuttings; you will find them profitable for this purpose as well as being an attraction to your grounds.

We have a large stock and the plants offered are all of such size that they will give the best possible returns. For a complete list of this class of plants as well as all other seasonable stock see our Current Wholesale List.

Anemone Japonica. Not the usual winter killed class of stock, but good vigorous plants growing in 3-inch pots. **Japonica**, red. **Alba**, white. **Lady Ardilaun**, extra large white. **Queen Charlotte**, beautiful La France pink double, and **Whirlwind**, double white. 75c per dozen; \$6.00 per 100.

Anemone Prince Henry. Large double rich deep pink flowers. A fine new introduction \$2.00 per dozen; \$15.00 per 100.

	Per doz.	100		Per doz.	100
Achillea, The Pearl, strong 3-in. pots	75	\$ 5.00	Heliopsis Scaber Major, 4-in. pots	\$1.00	\$8.00
Asclepias Tuberosa, strong 1-yr. old roots	75	6.00	Hollyhocks, Dreer Superb Double in separate colors	1.25	10.00
Asters hardy in var. strong 3-in. pots	1.00	8.00	Hollyhocks, Dreer Superb Double in choice mixture	1.00	8.00
Edna Mercia, a fine new pink var.	2.00	15.00	Hypericum Moserianum, 3-in. pots	1.00	8.00
Grandiflorus; large flowered late blue	2.00	15.00	Iberis Sempervirens, 3-in. pots	75	6.00
Boltonia Latisquama, 4-in. pots	75	6.00	Iris Kaempferi, 24 choice named var.	1.25	10.00
Asteroides, 4-in. pots	75	6.00	flnest mixed	1.00	8.00
Campanula Moenchii, 3-in. pots	1.25	10.00	Germanica, 12 choice name var.	75	6.00
Pyramidalis, strong 1 yr. clumps	1.00	8.00	fine mixed	50	4.00
Caryopteris Mastacanthia, 3-in. pots	75	6.00	Lobelia Cardinalis, strong 4-in. pots	75	6.00
Chrysanthemum Shasta Daisy, 2½-in. pots	60	4.00	Lychnis Chalcidonica, strong 3-in. pts.	75	6.00
Chrysanthemum Maximum Triumph 3-in. pots	75	6.00	alba, strong 4-in. pots	75	6.00
Cimicifuga Simplex (rare) strong plants	3.50	25.00	Rubra, Fl. Pl. strong 3-in. pts.	2.00	15.00
Clematis Recta, strong 2 year old	1.50	12.00	Viscaria Splendens, strong 4-in. pots	1.00	8.00
Coreopsis Lanceolata, heavy 4-in. pots	75	5.00	Lysimachia Clethroides, strong 4-in. pts	75	6.00
Delphinium Formosum, strong 4-in. pots	75	6.00	Myosotis Palustris Sempervirens, strong 3-in. pots	50	4.00
Belladonna (rare) very free flowering	2.50	20.00	Alpestris Grandiflora, strong clumps	50	4.00
Dianthus Latifolius Atrococcineus, 2½-in. pots	60	4.00	Pranies in choice varieties; see catalogue for varieties	1.50	12.00
Digitalis Gloxiniflora, 4-in. pots	75	6.00	Penstemon Gentianoides, 3-in. pots	1.00	8.00
Doronicum Austracum, 3-in. pots	1.00	8.00	Physostegia Virginica, strong 4-in. pts.	75	6.00
Excelsum, 3-in. pots	1.00	8.00	alba, strong 4-in. pots	75	6.00
Erigeron Coeruleus Grandiflorus, 3-in. pots	1.00	8.00	Perennial Phloxes, 25 finest varieties	75	6.00
Eupatorium Ageratoides, 4 in. pots	75	6.00	Pinks Hardy, 6 best varieties, 4-in. pts.	75	6.00
Celestrinum, 3-in. pots	75	6.00	Pyrethrum Ughnosum, strong plants	75	6.00
Feverfew Little Gem, 2½-in. pots	60	4.00	Rudbeckia Golden Glow, strong 4-in. pots	75	6.00
Funkia Subcordata Alba, 4 in. pots	1.00	8.00	Purpurea, strong 4-in. pots	1.00	8.00
Gallardia Grandiflora, heavy 4 in pots	75	6.00	Scabiosa Caucasica, strong 3-in. pts.	1.00	8.00
Gypsophila Paniculata, strong 1 year old roots	75	6.00	alba, strong 3-in. pots	1.00	8.00
Helenium Autumnale Superba, 4 in. pots	75	6.00	Solidago Rigida, strong 4-in. pots	1.25	10.00
Pumilum, 3-in. pots	1.00	8.00	strong 4-in. pots	75	6.00
Magnificum, 3-in. pots	1.25	10.00	Spiraea Aruncens, clumps	1.00	8.00
Helianthus Multiflorus Fl. Pl. strong	75	6.00	Chinensis, clumps	1.25	10.00
Maximum, strong	75	6.00	Filipendula, fl. pl., 4-in. pots	75	6.00
Maximilian, strong	75	6.00	Gigantea, clumps	1.25	10.00
Metzer, strong	75	6.00	Palmaria, clumps	1.00	8.00
Soleil d'Or, strong	75	6.00	Elegans, strong 4-in. pots	75	6.00
Wolley Dod, strong	1.00	8.00	Spiraea Ulmaria, strong 4-in. pots	75	6.00
Heliopsis Picherianus, 4-in. pots	1.00	8.00			



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	Per doz.	100
Spiraea Ulmaria, fl. pl., strong 4-in. pts.	75	6.00
Statice Eximia, strong 3-in. pots	75	6.00
Gmelini, strong 3-in. pots	75	6.00
Latifolia, strong 3-in. pots	75	6.00
Stokesia Cyanca, strong 3-in. pots	1.00	5.00
Sweet Williams, strong 4-in. pots	60	4.00
large clumps	75	6.00
Thalictrum Aquilegifolium Atropurpureum, 4-in. pots	1.00	8.00
Thalictrum Aquilegifolium Album, 4-in. pots	2.00	15.00
Thalictrum Aquilegifolium Roseum 4-in. pots	1.00	8.00
Trollius Aurantiacus, 4-in. pots	1.50	10.00
Europaeus, 4-in. pots	1.00	8.00
Japonicus Excelsior, 4-in. pts.	1.50	10.00
Orange Globe, 4-in. pots	2.50	18.00
Tritoma Pfitzerii, strong per 1000	50.00	1.00 6.00
Corallina	50.00	1.00 6.00
Macewanii	75.00	1.00 8.00
Uvaria Grandiflora, strong per 1000	50.00	1.00 6.00
Valeriana Coccinea, 4-in. pots	1.00	8.00
alba, 4-in. pots	1.00	8.00
Officialis, 4-in. pots	1.00	8.00

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Roses, Beauty, long, per doz.	3.00@4.00
" " med.	2.00
" " short	1.00
" Liberty	4.00@ 8.00
" Chateaux	4.00@ .800
" Bride, Bridesmaid	4.00@ 8.00
" Meteor, Golden Gate	4.00@ 8.00
" Perle	4.00@ 8.00
Carnations	3.00@ 5.00
Smilax	12.50@15.00
Asparagus sprays	2.00
Valley	2.00
Adiantum	1.50
Violets	.75@ 1.00
Callas	8.00@10.00
Romans, Paper Whites	2.00@ 3.00
Harrisil.	12.50@15.00
Tulips, Daffodils.	3.00@ 4.00

PITTSBURG, April 26.

Roses, Beauty, specials	25.00@35.00
" " extras	15.00@20.00
" " No. 1.	6.00@10.00
" " ordinary	3.00@ 5.00
" " Bride, Bridesmaid	3.00@12.00
" " Meteor	6.00@ 8.00
" " Liberties	8.00@15.00
" " Perle, Chateaux	3.00@ 8.00
Carnations	1.00@ 3.00
Lily of the valley	3.00@ 4.00
Smilax	12.50@15.00
Asparagus, strings	25.00@50.00
Asparagus Sprengeri	2.00@ 3.00
Lilies	8.00@15.00
Adiantum	1.00@ 1.50
Mignonette	1.00@ 3.00
Daffodils	2.00@ 3.00

CINCINNATI, April 26.

Roses, Beauty, per doz.	2.00@ 6.00
" " Bride, Bridesmaid	4.00@10.00
" " Liberty	6.00@12.00
" " Meteor, Golden Gate	6.00@12.00
Carnations	3.00@ 5.00
Lily of the valley	3.00@ 4.00
Asparagus	50
Smilax	12.50@15.00
Adiantum	1.00@ 1.50
Callas	12.50@15.00
Asparagus Plumosus and Sprengeri in bunches	.35c per bunch
Harrisil	12.50@15.00
Romans, narcissus	3.00
Violets	1.00
Marguerites	.50

ST. LOUIS, April 26.

Roses, Beauty, long stem	4.00@ 5.00
" " medium stem	2.00@ 3.00
" " short stem	.75@ 1.50
" " Bride, Bridesmaid	5.00@ 8.00
" " Liberty	5.00@ 8.00
Carnations	2.00@ 5.00
Smilax	15.00
Asparagus Sprengeri	1.50@ 3.00
" " Plumosus	25.00@50.00
Ferns, fancy	per 1000, 2.50
Adiantum	1.00@ 1.25
Lily of the valley	3.00@ 4.00
Romans	3.00
Callas	10.00@12.50
Paper White narcissus	3.00
Easter lilies	10.00@12.50

CLEVELAND, April 26.

Roses, Beauty, per doz.	.50@ 3.00
" " Bride, Bridesmaid	3.00@ 8.00
" " Meteor	4.00@10.00
Carnations	1.50@ 4.00
Smilax	20.00
Asparagus, strings	25.00@50.00
" " Sprengeri	1.00@ 2.00
Common ferns	2.50
Violets single	.35@ .75
" " double	.50@ 1.00
Tulips	3.00@ 4.00
Sweet peas	.50@ 1.00

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—BUY YOUR—
Cut Flowers, Florists' Supplies,
WIRE DESIGNS at
THE FLOWER GROWERS' MARKET,
60 Wabash Ave., CHICAGO
Please mention the American Florist when writing

Zech & Mann
Wholesale Florists
Room 218, 51 Wabash Ave., CHICAGO.
Telephone, Central 3284.



A Daily Shipment From 40 to 60 Growers

ENABLES US TO SAY "WE CAN AND WILL FILL YOUR
CUT FLOWER WANTS TO ADVANTAGE." : : : :

We carry the most Complete Line of General Florists' Supplies in the West. Illustrated Catalogue free. Telegraph at our expense for latest quotations on any Cut Flower Supplies.

Store open from 7 a. m. to 7 p. m. on week days and 7 a. m. to 1 p. m. on Sundays.

Specials For Coming Week.
Fancy Pink and White Sweet Peas.
Fancy Single Narcissus.
Choice American Beauties,
All Sizes.

E. F. WINTERSON COMPANY,
45-47-49 Wabash Ave., CHICAGO.

CURRENT PRICES.

For Week of April 27th to May 4th.

Roses.	Per dozen.
American Beauty, 30 to 36 ins....	\$3.00
" " 24 inches.....	2.00
" " 20 inches.....	1.50
" " 15 inches.....	1.00
" " 12 inches.....	.75
" " Short.....	.50 to .75
Bride, Bridesmaid, Gate.....	3.00 to 6.00
Roses, Our Selection.....	2.00 to 4.00
Liberty.....	4.00 to 8.00
Chatenay.....	4.00 to 8.00
Carnations.	Per 100
Fancy.....	\$3.00
Good Average.....	1.50 to 2.00
Fair Stock, for bargain sales (Our Selection) Per 1000, \$10.00	
Valley.....	2.00 to 3.00
Violets.....	.75 to 1.00
Callas.....	8.00 to 12.00
Paper Whites, Romans.....	3.00
Harrisii.....	10.00 to 12.00
Tulips, Daffodils.....	2.00 to 4.00
Sweet Peas.....	1.00 to 1.25
Mignonette.....	.40 to .75
Asparagus Plumosus, per string.....	.25 to .50
Asparagus Plum. Sprays, per 100.....	2.00 to 5.00
Asparagus Sprengeri, per 100.....	2.00 to 5.00
Common Ferns, per 1000.....	2.50
Galax Leaves, Bronze, per 1000.....	1.00
" " Green.....	1.00
Adiantum.....	1.00 to 1.25
Smilax, per dozen.....	1.50 to 2.00
Jonquils.....	.50 to 1.00

All prices subject to change without notice.

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

32, 34, 36 RANDOLPH ST.,
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

Please mention the American Florist when writing.

SINNER BROS.

Wholesale Growers and Shippers of **CUT FLOWERS**
58 WABASH AVENUE, CHICAGO, ILL.

With the Flower Telephone—
Growers' Co. Central 3067.
All telephone and telegraph orders
given prompt attention.

WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

51 Wabash Ave., CHICAGO.

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and Growers of **Cut Flowers**

GREENHOUSES: HINSDALE, ILL.

GEO. REINBERG,

Wholesale Grower of **Cut Flowers**

CHOICE AMERICAN BEAUTIES.

We will take care of your orders at reasonable prices. Prompt attention.

51 Wabash Ave., CHICAGO, ILL.

Wholesale Flower Markets

CHICAGO, April 23.

Roses, Beauty, 30 to 36-in. stems	4.00@ 5.00
" " 20 to 24 "	2.50@ 3.00
" " 15 to 18 "	1.50@ 2.00
" " 12 "	1.25
" Liberty.....	8.00@10.00
" Chateau.....	6.00@10.00
" Bride, Bridesmaid.....	5.00@10.00
" Golden Gate.....	4.00@10.00
" Gen'l MacArthur.....	4.00@10.00
Carnations.....	1.00@ 1.50
" fancy.....	2.00@ 3.00
Valley.....	2.00@ 4.00
Asparagus Plumosus, per string 25 to 50c	
" " sprays 2.00@6.00	
" Sprengeri.....	3.00
Leucothoe sprays.....	1.00
Galax Leaves, Bronze, per 1000.....	.15
Adiantum.....	1.00
Fancy ferns..... per 1000	2.50@ 3.00
Smilax.....	15.00@20.00
Wild smilax..... per 50 lb. case	7.50

PETER REINBERG

51 Wabash Ave., CHICAGO.

Wholesale Cut Flowers

LARGEST GROWER
IN THE WORLD.

Price List.

AMERICAN BEAUTIES—	Per doz.
Extra Select.....	\$ 4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00
15-inch stems.....	1.50
12-inch stems.....	1.25
Short stems.....	\$.75 to 1.00
Per 100	
LIBERTY.....	\$5.00 to 10.00
CHATENAY.....	5.00 to 10.00
MAIDS AND BRIDES.....	5.00 to 8.00
PERLE.....	5.00 to 8.00
SUNRISE.....	5.00 to 8.00
UNCLE JOHN.....	5.00 to 10.00
CARNATIONS.....	2.00 to 3.00

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over \$5.00.

Please mention the American Florist when writing.

Poehlmann Bros. Co.

Wholesale Growers of
and Dealers in **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

Greenhouses: 35-37 Randolph Street,
Morton Grove, Ill. CHICAGO.

Please mention the American Florist when writing.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street,

CLEVELAND, OHIO.

Please mention the American Florist when writing.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.
 FLORISTS' SUPPLIES all kinds.
 Long Distance Telephone, 6268-6267 Main.

GRAFTED ROSE STOCK.

Now is the time to order for summer flowering
 KAISERIN and CARNOT, 2 1/4-inch pots, \$15.00 per 100; \$120.00 per 1000
OUR ROOT STOCK.
 KAISERIN, CARNOT, BRIDE and BRIDESMAID, 2 1/4-inch pots, \$4.00 per 100; \$35.00 per 1000.
 I have splendid plants of AMERICAN BEAUTY, clean and free from spot; \$6.00 per 100; \$50.00 per 1000.
W. H. ELLIOTT, Brighton, Mass.

—THE—
J. M. McCullough's Sons Co.
WHOLESALE FLORISTS
 ALSO SUCCESSORS TO
THE CINCINNATI CUT FLOWER CO.
CONSIGNMENTS SOLICITED.
 Special attention given to Shipping Orders.
318 WALNUT ST. CINCINNATI, O.

Wholesale Flower Markets

BOSTON, April 25.	
Roses, Beauty, best	20.00@25.00
" " medium	12.00@20.00
" " culls	6.00@ 8.00
" Brides, Bridesmaid	4.00@ 6.00
" Extra	8.00@12.00
" Liberty	1.00@ 8.00
Carnations	1.50@ 2.00
" Fancy	2.00@ 3.00
Lily of the valley	2.00@ 3.00
Smilax	12.00@16.00
Adiantum	1.00
Asparagus	35.00@50.00
Violets	.85@ .50
PHILADELPHIA, April 25.	
Roses, Tea	4.00@ 6.00
" extra	8.00@10.00
" Liberty	12.00@20.00
" Queen of Edgely, extra	20.00@40.00
" firsts	12.00@15.00
" Beauty, extra	20.00@40.00
" firsts	10.00@15.00
Carnations	2.00@ 6.00
Lily of the valley	3.00@ 5.00
Asparagus	25.00@50.00
Smilax	20.00@25.00
Violets, double	.75@ 1.00
Adiantum	.75@ 1.50
Gardenias	.15@ .20
Mignonette	2.00@ 3.00
Easter lilies	8.00@10.00
Callas	6.00@ 8.00
Sweet Peas	.75@ 1.50
BUFFALO, April 25.	
Roses, Beauty	4.00@35.00
" Bride, Bridesmaid, Meteor.	8.00@12.00
Carnations	1.50@ 5.00
Harrisii	10.00@12.50
Lily of the valley	2.00@ 4.00
Asparagus, strings	40.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Lilium Longiflorum	10.00@12.50

Pittsburg Florists' Exchange,
WHOLESALE FLORISTS
and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.
 Send for weekly price list and prices on large orders..

J. B. MURDOCH & CO.
WHOLESALE FLORISTS,
FLORISTS' SUPPLIES.
 545 Liberty Ave., PITTSBURG, PA.

RICE BROTHERS,
 128 N. 6th St., MINNEAPOLIS, MINN.
Wholesale Cut Flowers and Supplies.
 Wild Smilax | Flowers Billed at Market Prices.
 Shippers of choice Cut Flowers and Greens of all kinds. Try us.

H. N. Bruns
LILY OF THE VALLEY
 1409-1411 West Madison Street,
 CHICAGO, ILL.

H.G. BERNING
Wholesale Florist
 1402 Pine St., ST. LOUIS, MO.

C. A. KUEHN,
Wholesale Florist,
 1122 Pine St., ST. LOUIS, MO.
 A Complete Line of Wire Designs.

R. C. HAYDEN, Sec'y and Treas.

WM. J. MUTH, Manager.

PHILADELPHIA CUT FLOWER CO.

Wholesale Commission Florists

CHOICE BEAUTIES, MAIDS AND BRIDE ROSES,
 FANCY CARNATIONS, TULIPS, DAFFODILS

AND ALL OTHER SEASONABLE FLOWERS.

1516-1518 Sansom Street,

Bell and Keystone Phones.
 Open 7:30 a. m. to 8 p. m.

PHILADELPHIA, PA.

Please mention the American Florist when writing.

Michigan Cut Flower Exchange,
 WM. DILGER, Mgr.
 Fancy and Dagger Ferns.
 All Cut Flowers in Season.
 38-40 Miami Ave. DETROIT, MICH.

A. L. RANDALL CO.
Wholesale Florists.
 19 & 21 Randolph St., CHICAGO.
 Send for weekly price list and special quotations on 1000 lots.

D. WOOD BRANT,
 SUCCESSOR TO BRANT & NOE FLORAL CO.
 —Grower of—
CUT FLOWERS AT WHOLESALE.
 Choice Carnations. Any quantity. Prices very reasonable. Wire or write.
 Careful attention given shipping orders.
 58-60 Wabash Ave., CHICAGO.

THE RELIABLE Commission House,
Jos. S. Fenrich
 Bell Telephone, 324 3/25 Madison Square.
48 W. 30th Street, NEW YORK.

YOUNG & NUGENT
 Wholesale Florists.
 42 West 28th Street, Telephone 3086, Madison Sq.
 CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

J. K. ALLEN,
 Wholesale Commission Florist,
 108 West 28th Street, NEW YORK.
American Beauties, Orchids, Roses, Carnations, Violets, and Every Variety of CUT FLOWERS.
 Tel. 187 Madison Square. Open every day at 6 a. m.

Telephone No. 756 Madison Square.
MOORE, HENTZ & NASH
 Wholesale Commission Florists,
 55 and 57 West 26th St., NEW YORK CITY.
 Advice of sale note daily. Statement and check weekly. All consignments large or small receive the same attention. CORRESPONDENCE INVITED.



WHOLESALE WILLIAM GHORMLEY, COMMISSION
 Daily Receiver and Shipper of Fresh Cut Flowers.
Orchids, Roses, Carnations, Valley, Lilies, etc.
 Telephones 2200 and 2201 Madison Square. 57 West 28th Street, NEW YORK CITY.

JOHN YOUNG,
 Special American Beauties, Surpassing Carnations, Lily of the Valley, Orchids and all Seasonable Flowers.
51 West 28th St., NEW YORK.
 Telephone 1906 Madison Square.

Choice Carnations, Selected Roses.
Traendly & Schenck
 NEW YORK CITY,
44 W. 28th Street, Cut Flower Exchange.
 New Telephone No. 798 & 799 Madison Sq.

FORD BROS.
 Receivers and Shippers of
Fresh Flowers
111 West 30th St., NEW YORK.
 Telephones 3870-3871 Madison So.

Original Pioneer House—Established 1871.
JAMES HART
 117 W. 30th St., NEW YORK.
Wholesale and Commission
 Consignments solicited. Shipping orders promptly attended to. Phone 826 Madison.
 —FLOWERS SHIPPED BY—
John I. Raynor,
 Are the best product of the best growers for the New York Market.
ADIANTUM CROWANUM sold here exclusively.
49 W. 28th St., NEW YORK.
 Tel. 1998 Madison Square.

Wholesale Flower Markets
 NEW YORK, April 26.
 Roses, Beauty, best.....10.00@15.00
 " " medium.....3.00@10.00
 " " culls.....1.00@ 2.00
 " Liberty, best.....10.00@20.00
 " " medium.....3.00@10.00
 " " culls.....1.00@ 2.00
 " Bride, Bridesmaid, G. Gate. 1.00@ 6.00
 " Kaiserin, Carnot.....1.50@ 8.00
 Carnations.....2.00@ 4.00
 " fancy and novelties.....4.00@ 5.00
 Lily of the valley.....1.00@ 4.00
 Lilies.....3.00@ 8.00
 Smilax.....10.00@25.00
 Adiantum......50@ .75
 Asparagus.....20.00@50.00
 Tulips.....1.00@ 2.00
 Violets......15@ 1.25

GEORGE SALT FORD
WHOLESALE FLORIST.
CONSIGNMENTS SOLICITED.
46 West 29th Street, NEW YORK
 Telephone: 3393 Madison Square.
 The Only House Handling the
NEW RED CARNATION Victory
 To be Disseminated 1906. Also a Complete Line of **Choicest Flowers.**
ALEX. J. GUTTMAN, WHOLESALE FLORIST,
52 West 29th Street, NEW YORK.
 Telephones: 1664-1665 Madison Square.

Walter F. Sheridan,
WHOLESALE FLORIST,
 Telephone 902 Madison Square.
39 West 28th St., NEW YORK.
 20 years' experience. Tel. 4878 Madison.

Charles Millang
WHOLESALE FLORIST.
 Conservatory connected from which I can ship ferns and decorative plants promptly.
50 W. 29th St. NEW YORK.
 Tel. 3860 and 3861 Madison Square.
 Please mention the American Florist when writing.
 Receivers and Shippers of Cut Flowers. Consignments Solicited.
A. L. YOUNG & CO., Wholesale Florists,
54 West 28th Street, NEW YORK.
 Telephone 3559 Madison Sq.

N. Y. CUT FLOWER EXCHANGE
 Coogan Bldg., 6th Ave. & W. 26th St., New York.
 Open for Cut Flower Sales at 6 o'clock Every Morning.
DESIRABLE WALL SPACE TO RENT FOR ADVERTISING.
JOHN DONALDSON, Secretary.
CARNATIONS My Specialty.
CONSIGNMENTS SOLICITED.
 Prompt Payments. Established 1891.
Alfred H. Langjahr, 55 W. 28th St. New York.
 Telephones 3924 Madison Sq.

JOHN SELIGMAN,
WHOLESALE FLORIST
 56 W. 26th Street, NEW YORK.
 OPPOSITE N. Y. CUT FLOWER CO.
 Everything in Cut Flowers. Consignments from growers solicited. Prompt returns. Best prices. Satisfaction guaranteed.

EDW. C. HORAN,
 55 WEST 28TH STREET,
 Telephone 421 Madison Square.NEW YORK.
CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

88 Post Street, SAN FRANCISCO, CAL.
Please mention the American Florist when writing.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873. Bell, Lindell 676.
Please mention the American Florist when writing.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, DENVER, COLO.
Pres.

MILWAUKEE.

C. C. Pollworth Co.
MILWAUKEE, WIS.
Will take proper care of your orders in
WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.
1857 Buckingham Place, CHICAGO.

Growers and importers. The oldest and leading house in Central and Western United States. Decorative plants a specialty. Mail and Wire Orders Get Prompt attention.

A. Gude & Bro.
FLORISTS

1214 F St., WASHINGTON, D. C.

KANSAS CITY.

WILLIAM L. ROCK
FLOWER CO.

Kansas City, Mo.



BUFFALO,
N. Y.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Artistic Designs. *****
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Wholesale Flower Markets

ST. PAUL, April 24.

Roses, Beauty, long, per doz.	5.00
" " med. "	2.00@ 4.00
" " short "	.75@ 1.50
" Liberty.....	4.00@10.00
" Chatanay.....	6.00@10.00
" Bride, Bridesmaid.....	4.00@ 8 00
" Gates and Ivory.....	4.00@ 8.00
" Perle.....	4.00@ 6 00
Carnations.....	2.00@ 4.00
Valley.....	3.00@ 4.00
Romans, Paper White.....	3.00
Tulips, Daffodils.....	3.00
Sweet Peas.....	.75
Callas.....	12.50
Harrisii.....	12.50
Smilax.....	15.00
Sprangerl.....	2.00
Adiantum.....	1.00

MINNEAPOLIS, April 25.

Roses, Beauty, long, per doz.	4.50
" " med. "	3.00
" " short "	.50@ .75
" Liberty.....	4.00@ 8.00
" Chatanay.....	4.00@ 8.00
" Bride, Bridesmaid.....	4.00@ 8.00
" Meteor, Golden Gate.....	4.00@ 8.00
" Perle.....	4.00@ 8.00
Carnations.....	3.00@ 4.00
Smilax.....	15.00 @ 18.00
Asparagus sprays.....	2.00@ 3.00
Valley.....	4.00
Adiantum.....	1.50
Common ferns per 1000.....	3.00
Callas.....	12.50
Romans, Paper Whites.....	3.00
Harrisii.....	12.50@15.00
Tulips, Daffodils.....	3.00

CHICAGO.

P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

Please mention the American Florist when writing.

Shaffer **FLORIST,**

14th and Eye Streets,

PHONE, 2416 Main. WASHINGTON, D. C.

Please mention the American Florist when writing.



Please mention the American Florist when writing.

NEW YORK.

LEIKENS

7 East 33rd St., Near Waldorf-Astoria.

Telegraph orders from any part of the country for Boxes, Flowers or Designs for deliveries at residences or steamers faithfully filled.

Please mention the American Florist when writing.

GEO. H. COOKE,
FLORIST

Connecticut Avenue and L Street,
WASHINGTON, D. C.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.

Orders will be well cared for anywhere in Minnesota and the Dakotas.

Please mention the American Florist when writing.

CALVESTON.

Mrs. Chas. Eickholt,
2319 AVENUE M,
GALVESTON, TEXAS.

Cut Flowers, Floral Designs, Decorations.
Telephone 1087. All mail, telegraph or telephone orders promptly and artistically filled.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.
Phone 1501 and L, 1682.

SPRINGFIELD.

Mark Aitken
FLORIST.

378 Main St., Springfield, Mass.

THE
AMERICAN FLORIST CO.'S

..Directory

FOR 1905

Hundreds of New Names

and Addresses.

AND contains the usual fully corrected and revised lists of Florists, Seedsmen, Nurserymen, Horticulturists, Landscape Architects, Parks, Cemeteries, Botanical Gardens, Horticultural Societies, Horticultural Supply Concerns of the United States and Canada, Leading Foreign Houses and much other valuable trade information. Price \$2 postpaid.

AMERICAN FLORIST CO.
324 DEARBORN STREET,
CHICAGO, ILL.

SOMETHING NEW.

NOW that the season for Wild Smilax is over and no more stock can be supplied, I wish to call your attention to the Branches of the **Huckleberry Tree** as a most elegant Decorative Green.

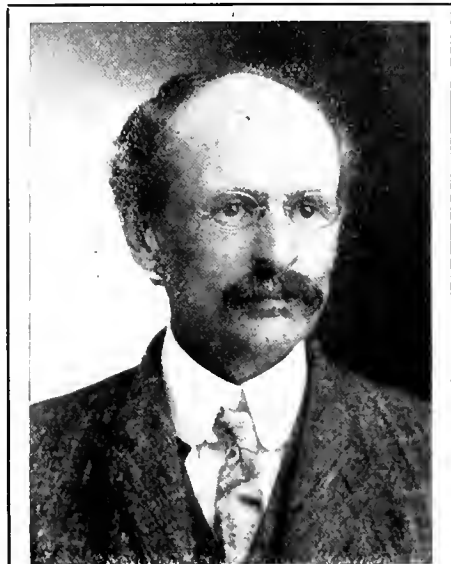
It is largely used by the Florists of the Pacific Coast, Washington and Oregon, in Decorations. The Branches are **FLAT**, very thickly furnished with exceedingly lustrous, green leaves and it seems to adapt itself to almost any position in decoration that the Wild Smilax can be used in.

As the introducer of Southern Wild Smilax, I think you can give me credit for knowing a good thing when I see it, and I am convinced that in Huckleberry Branches you will have a very beautiful substitute for the Wild Smilax, of great value to you through the months of May and June.

I am anxious to get the Verdict of the Floral Trade on this introduction and offer to send you a Case on Suspicion, price \$2.50 per Case if it suits you, nothing if it does not. Will you try a case on these terms?

Yours very truly

Caldwell The Woodsman,
EVERGREEN, ALABAMA.



CALDWELL THE WOODSMAN.
The Man Who Gave You the Wild Smilax.

New Crop Hardy Ferns Now Ready FANCY... \$1.25 per 1000
DACER 1.00 per 1000

H. Weber & Sons, Announce the completion of arrangements whereby they will, beginning in January 1906, disseminate jointly with **THE E. G. HILL CO.,**
THEIR TWO GRAND **MY MARYLAND** and **JESSICA.**
NEW CARNATIONS

My Maryland is already well and favorably known, having been exhibited freely at the various flower shows and florist club meetings the past Fall and Winter, and in every case elicited the highest praise and most favorable comment. We pick this variety to quickly and easily displace all other whites for first honors, not only in exhibition, but in commercial points as well. We claim for it a robustness of constitution quite unequalled in any other variety and an ease of culture that will delight the heart of the grower. The great vigor of both parents (Norway x Lawson) seems united and improved upon in this variety.

Both of the above are free propagators. We are thoroughly familiar with them and know what they will do. We will be in a position to deliver stock early and on time, and assure the trade that no disappointment will result on that score. We have already booked many orders. It pays to be early. Orders booked are subject to cancellation by the buyer if unsatisfied with either variety up to the time the cuttings are received.

PRICE: \$2.50 per doz.; \$12.00 per 100; \$100.00 per 1000.

WEST OF PENNSYLVANIA, address

EAST OF OHIO, address

E. G. HILL CO., Richmond, Ind. **H. WEBER & SONS,** Oakland, Md.

Beauties and Valley { **THE LEO NIESSEN CO.**
1217 Arch St., PHILADELPHIA, PA.

KENNICOTT BROS. COMPANY
40-42-44 Randolph St., CHICAGO.

Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.

S. S. SKIDELSKY,
824 No. 24th Street,
PHILADELPHIA.

GARDENIA PLANTS.
(GRANDIFLORA CAPE JESSAMINE.)
Our leading specialty. Natural growing conditions here ideal; size tells its own story. We do not think they can be equaled elsewhere. 1-year, 18 to 24-in., \$1.50 per doz.; \$10.00 per 100. Dormant now and until February 25th.

C. W. BENSON, Alvin, Tex.

Many Electrotypes
SUITABLE FOR
Folders, Circulars and Catalogues
FOR SALE BY THE
AM. FLORIST, 324 DEARBORN ST., CHICAGO.

Correspondence Solicited.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention at Alexandria Bay, N. Y., June 20-22, 1905.

VISITED CHICAGO: L. L. Olds, of Clinton, Wis.

SANTA CLARA, CAL.—Onion seed crops are reported suffering from mildew and some predict quite a heavy shrinkage because of it.

J. F. MENDENHALL, prominent in the early days as an Indianapolis seedsman, and for eight years secretary and superintendent of the Los Angeles, Cal., parks now has an art establishment in that city.

DES MOINES, IA.—The Iowa Seed Company celebrates its thirty-fifth anniversary this month. It was established in 1879 by S. L. Fuller, the pioneer seedsman of Iowa. In 1886 the name of the firm was changed to the Iowa Seed Company. This month will also mark the twenty-eighth anniversary of Charles N. Page's connection with the firm. Mr. Page has been treasurer and general manager of the company for almost twenty years and its success is largely due to his efforts.

A Humorous Eccentricity.

Hitherto the seed distribution has been tolerated by the public as one of the engagingly humorous eccentricities to which congressional politicians are prone. Considering the large and increasing expense which it now imposes upon the country it is about time to ask whether the joke has not been carried far enough.—Chicago Daily News.

Iowa Corn Trophies.

The illustration herewith shows the Whiting corn trophy, which is but one of a number that were given at the Iowa State College, Ames, Ia., during the short course in agriculture the past winter. This trophy was given by Will C. Whiting and cost \$450. It was given this year for the best ten ears of corn of any variety, and was won by O. J. Easton.

The Wallace Farmer trophy was given for the grand champion sample of fifty ears exhibited by any farmers' club, farmers' institute or farmers' corn club, and was won by the Whiting Corn Club.

The Farmers' Tribune trophy, valued at \$100, was awarded to the team doing the best judging work at the contest, and was won by the Panora Corn Club. The members of this club were J. A. Keene, P. C. Taft and G. A. Chapman.

The Burg Wagon Company, of Burlington, Ia., gave a fine nickel-plated

wagon valued at \$2,000 for the best 100 ears of corn of any variety, competition open to the world. This wagon was won by W. O. Johnson, of Illinois.

The aggregate of premiums offered this year in the short course was \$4,500. The number of entries was large and the quality of the corn unusually high.

The Spring Business.

Huntington & Page, Indianapolis, Ind.—We are very much satisfied with our retail trade this season. Catalogue and



The Whiting Corn Trophy.

counter trade have never been as heavy as this season.

Northrup, King & Company, Minneapolis, Minn.—So far business has been most satisfactory. We cannot at this early date make a comparison with last year as our season is very much later than in the East and we are now in the midst of our busiest rush. Everything looks encouraging and from the present outlook the total volume of trade for the year will be most gratifying.

Moore & Simon, Philadelphia, Pa.—Our seed trade so far the present season has been the largest and most satisfactory since we have been in business,

and, notwithstanding the fact that our clerical force is one-half greater than last season, we have been wholly unable to keep up with orders and have been working the entire force nightly, Saturday excepted, for the past four weeks and at the present writing there seems to be no abatement in trade.

Amzi Godden Company, Birmingham, Ala.—The season which is just now drawing to a close has been the shortest one for seed business on record. Exceedingly cold and bad weather for January and February retarded our business no little, but the advent of March with fine warm weather brought an avalanche of business that completely swamped us, causing no end of confusion with night and day forces to keep up with it. These conditions retard collections, reduce acreage on certain crops that must be planted with us in January and February, and make it difficult to clean up certain stocks that cannot be carried over. The universal reduction in the cotton acreage throughout the south has greatly promoted diversified farming, thus creating greater demand for both farm and garden seed. So the volume of seed business with us, as well as every other southern seed house, will this year exceed that of last year.

W. W. Rawson & Company, Boston, Mass.—On account of the cold weather we had thought that business was backward. It did not seem that we were doing the usual amount of business for February and March, but when we came to compare the figures the first of April with those of last year we find ourselves quite a little surprised, as we are ahead of last season. The only way we can account for this is that our customers must have forwarded their orders earlier so that we did not have the rush in March.

L. L. May & Company, St. Paul, Minn.—The retail seed business has been far ahead of last year's business. It started out rather slowly, but the month of March was one of the heaviest on record, and so far in April sales keep up well. If warm weather does not come too soon we are confident this will be the banner year in the catalogue business. In the wholesale line "filling-in orders" are coming in more freely than ever before. While trade was a little slow during the fall and summer, traveling men being unable to do quite as heavy business as formerly, the later mail trade will bring it up to the high limit mark of former years. There seems to be quite a scarcity on many varieties of farm, garden and flower seeds, and by the end of the season we think most stocks will be well cleaned up. This insures a prosperous season next year.

LANSLOWNE, PA.—Florist Borneman, who recently purchased the business of William Rementer, has a nice lot of Easter stock, for which he anticipates good demand.

3,700 ACRES OF GARDEN SEEDS
IN CULTIVATION.
Braslan Seed Growers Co.
Wholesale Seed Growers.
SAN JOSE, CALIFORNIA.
Please mention the American Florist when writing.

LEONARD SEED CO.
Write for Prices.
WE ARE
HEADQUARTERS
FOR
ONION SETS.
Flower Seeds
and
Bulbs

WHOLESALE SEED GROWERS.
Seeds for present requirements ready to ship.
Contract orders for delivery after harvest 1905
are being booked now. Beans, Peas and
Garden Seeds. WRITE FOR PRICES.
CHICAGO.



Selling Agents: { F. R. PIERSON Co., Tarrytown, N. Y.
W. W. BARNARD & CO., Chicago.
H. A. DREER, Philadelphia, Pa.
VAUGHAN'S SEED STORE, Chicago.
S. S. SKIDELSKY, Philadelphia, Pa.

AT HALF PRICE

Read The Reasons Given

Natural Business Laws justify higher prices on Novelties than stock in normal demand and supply can command.

An event unusual is that of a meritorious novelty—such as appeals sensibly to all growers of judgment—offered below half its normal price.

Nevertheless, as the full time and attention of the introducer are now fully demanded with other lines of his business, in planning to directly close out the limited balance of the originally grown stock of

ADIANTUM CROWEANUM

it is now on sale at less than half price.

As a standard novelty the sterling values of this fern develop more and more daily, hence this offering is no reflection on its true merits.

The following prices tell their own story:

Strong plants from 3-inch pots, \$2.50 per dozen; \$15.00 per 100; \$125.00 per 1000. 25 plants at 100 rate; 250 at 1000 rate. \$100.00 per 1000 in 5,000 lots.

In order to insure orders being filled, would-be buyers need to speak quickly.

LET NO ONE HESITATE NOW!

W. F. KASTING,

Sole Distributor,

383-87 Ellicott St., BUFFALO, N.Y.

First-Class CLEMATIS

AT A SACRIFICE.

Jackman, Henry, and Mme. Ed. Andre. Good strong plants of the above, two years old, at \$14.00 per hundred; 25 plants at hundred rate.

A lighter grade of the two-year-old plants of the above for \$11.00 per hundred.

LILIUM AURATUM.

Medium-sized bulbs.....\$3.00 per hundred
Large size..... 4.00 per hundred

GLADIOLUS May—\$10.00 per thousand.

V. H. HALLOCK & SON
QUEENS, N. Y.

Rose Plants

2½-INCH POTS.

	Per 100	Per 1000
BRIDESMAID.....	\$3.00	\$25.00
BRIDE.....	3.00	25.00
GOLDEN GATE.....	3.00	25.00
IVORY.....	3.00	25.00
CHATENAY.....	3.00	25.00

GEO. REINBERG,

51 Wabash Ave., CHICAGO.

Wm. P. Craig Importer and Exporter.....
Plants, Bulbs and Seeds.
1305 Filbert Street, PHILADELPHIA.

It is good business policy to mention

The....
AMERICAN FLORIST

When you write to an advertiser



Everything in Fancy Cut Flowers.

ORCHIDS A SPECIALTY.

Fancy Valley, Violets, Beauties, Tea Roses, Carnations, Callas, Easter Lilies, and all Miscellaneous Stock.

A Large Stock of Wild Smilax, Asparagus, Adiantum, Common Ferns and all Decorative Material Always on Hand.

Also a fine line of Novelties in Florists' Supplies.

If you want the BEST at any Time, or all the Time, send to

CHAS. W. McKELLAR,

Long Distance Phone, Central 3598.
Automatic, 3523.

51 Wabash Ave., CHICAGO.

NEW EDITION

TRADE DIRECTORY

NOW READY

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June 14-16, 1905.

THE United States Department of Agriculture has issued a farmers' bulletin, No. 221, on "The Fungous Diseases of the Cranberry," by C. L. Shear.

BRANTFORD, ONT.—Joseph Hartley, nurseryman, has offered to give the board of park commissioners 100 valuable young trees as a nucleus with which to start a small nursery for the growing of trees for the future use of the city. It is likely the offer will be accepted.

VIRDEN, ILL.—The Virden nursery, started in 1866, has just been closed out and the business will be discontinued. C. H. Cogswell has devoted part of his time to this business for thirty-nine years and now retires from it because unable to do the work required.

Government Needs Nurseryman.

An opportunity to enter the government service in the Philippines is afforded by a vacancy in the position of nurseryman at a salary of \$1,200 a year. An examination will be held on May 10 covering botany, practical questions in agriculture, horticulture, and general nursery work. Training and experience count for thirty per cent in the rating. The age limit is from eighteen to forty years. Graduates from agricultural schools will be given preference in appointment.

American Association of Nurserymen.

We are in receipt of the programme of the thirtieth annual meeting of the American Association of Nurserymen, to be held at West Baden Springs, Ind., June 14 to 16. Special topics to come before the meeting are as follows: "The Cost of a Tree," by Harry L. Bird; "Grading Nursery Stock," by L. A. Berckmans; "The Low Prices of Ornamental Stock," by Charles Maloy; "The Grape: The Commercially Neglected Fruit," by T. V. Munson; "Experimental Orchards for Nurserymen," by L. C. Corbett; "A Tree Garden to Last a Thousand Years," by J. Horace McFarland; "Soil Inoculation," by Dr. George T. Moore; "The New Horticulture," by H. W. Stringfellow; "Best Methods of Improving our Standards in Trees and Fruits," by G. L. Taber; "Quality Versus Quantity," by Prof. John Craig; "Plants in Department Stores," by Howard A. Chase; "Office Management," by Thomas B. Mehan; "The Fruit Exhibit at the World's Fair," by William P. Stark; "Picking, Packing, Grading and Shipping Fruit," by J. H. Hale; "Crown Gall and Root Knot," by George G. Hedgcock; "Refrigeration of Nursery Stock, and Storage in Cellars," by Madison Cooper; "Excluding Advertisements Quoting Prices," by J. M. Irvine; "The Evolution of Importing," by James McHutchison.

On Friday evening, June 16, the spe-

cial feature will be a fruit banquet, to be followed by dancing. A special excursion has been arranged for Saturday, June 17, to Mammoth Cave, Ky.

Creolin and Insect Pests.

ED. AMERICAN FLORIST:—

Perhaps it would be well to tell you of what I consider a new discovery in the way of an insecticide that to my notion completely outranks all the old tobacco smudges or combinations of wash, etc., or anything else that is commonly used for that purpose.

I started my house here last October and, knowing that our soil contained alkali, filled my side beds with pure horse stable manure, on top of which I put about one foot of soil; at the same time I made the nicest place possible for the breeding of vermin and consequently was overrun with red spider, aphid, etc. Tobacco did but little good, sulphur was absolutely worthless and formaldehyde in its weakest solution injured the stock to such an extent that its use had to be discontinued.

Finally I tried creolin, the drug that is used for the cure of mange in horses, cattle, dogs, etc. In this I found that by only adding enough to the water to produce a slightly milky color was one of the most successful bug exterminators I had ever found.

I now have the cleanest, healthiest and best growing stock I have ever seen and after two months' creolin treatment I only have the common house fly left of all the bug family so common in greenhouse experience.

S. F. LOOK.

[Our correspondent's experiences with creolin are interesting, but we would advise caution in its use until its effects on plants have been fully demonstrated.—Ed.]

EVERGREENS Large Assortment.

Specialties—White Pine, Hemlock and Large Evergreens. Spring List for details.

Andorra Nurseries,

Wm. Warner Harper, Prop. CHESTNUT HILL, PA.



Send to **THE MOON**
Company
For Trees, Shrubs, Vines
Your and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO.
Morrisville, Pa.

700,000 Cal. Privet

	Per 100	1000
3 yrs., 2 1/2 to 3 ft., extra heavy.....	\$3.25	\$28.00
3 yrs., 2 to 2 1/2 ft., well branched.....	2.50	23.00
3 yrs., 18 to 24 in., ".....	2.00	15.00
3 yrs., 12 to 18 in., 4 to 8 branches.....	1.50	10.00
Yrs., 3 1/2 to 4 ft., very heavy.....	3.00	25.00
Yrs., 2 1/2 to 3 ft., well branched.....	2.25	18.00
Yrs., 2 to 2 1/2 ft., ".....	2.00	15.00
2 yrs., 2 to 2 1/2 ft., 3 to 6 branches.....	1.50	10.00
2 yrs., 18 to 24 in., 5 to 8 ".....	1.50	10.00
1 yr., 14 to 20 in., 2 to 4 ".....	1.25	7.00
1 yr., 10 to 14 in., 1 to 2 ".....	1.00	5.00
Cuttings, strong.....		.75
Tree form, 3 yrs., heads 4 to 5 feet.....		25c each

All the above plants have been transplanted and cut back except one year, which makes them a clean, good stock. Parties wanting 5,000 or over, will write and get better rates.

River View Nurseries

J. H. O'HAGAN.

LITTLE SILVER, N. J.

Fresno, Cal.

S. W. Marshall & Son, have just completed two new greenhouses, fitted with all the modern improvements, thoroughly up-to-date.

The newly appointed park commissioners of this city are C. A. Chambers, S. George and G. C. Freman.

ALLIANCE, O.—There is a continued war on the sale of carnations in Sebring. On April 9 fine blooms were sold by a local dealer at 50 cents per dozen. A rival dealer cut to 45 cents and successive cuts by both forced the price down to 9 cents where it remained for April 10. On April 11 the price was raised to 15 cents at which it remains. One dealer alone sold over eighty dozen in two days and booked orders for forty dozen more.

Cottage Gardens Co. Inc.

QUEENS, LONG ISLAND, N. Y.

SPECIALISTS:

PEONIES, CARNATIONS AND SPECIMEN NURSERY STOCK.

New Rose Wellesley

Own root plants. \$25.00 per 100.

Waban Rose Conservatories

JOHN N. MAY, Summit, N. J. Natick, Mass.

NOTICE.

W. van Kleef & Sons

Wholesale Growers of Nursery Stock.

BOSKOOP, HOLLAND,

Beg to announce that their representative, W. van Kleef, Jr., is again in America calling on the trade. All correspondence during April and May, care Maltus & Ware, 136 Water St., New York.

CALIFORNIA PRIVET CHEAP

100,000 well grown plants, 3 to 4 feet, selected, \$4.00 per 100; \$25.00 per 1000. 2 1/2 to 3 1/2 feet, 7 or more branches, \$2.50 per 100; \$17.50 per 1000; 20 to 30 in., 5 or more branches, \$2.00 per 100; \$13.00 per 1000. 18 to 24 in., light, 2 years, 3 or more branches, \$1.50 per 100; \$7.00 per 1000. All of the above boxed, f. o. b. here. For car or large lots write before placing your orders.

CHAS. BLACK, Hightstown, N. J.

Beautiful Grounds.

An illustrated Manual containing suggestions on Lawn Making, Planting and care of Shrubs and Trees, with names and descriptions of varieties hardy and of merit. Also information regarding Landscape Plans, Topographical Surveys, etc. A book you will often refer to. Send for it to-day. Free on application.

Peterson Nursery, 503 W. Peterson Ave., Chicago.

Pansies 200,000 Pansies

Fine large transplanted plants, prize strain of the famous large flowering Bugnots, Cassiers, Odier and Trimardeau. Stocky plants from cold frame, 50c per 100; \$3.00 per 1000. Extra large plants coming in bud, \$1.00 per 100.

Mammoth Verbenas, 60c per 100; \$5.00 per 1000; 2 1/2-in. pots, in bud and bloom, \$1.50 per 100; \$12.00 per 1000.

Stocks, dbl. white for Easter, \$1 per 100; \$8 per 1000.

Daisies, dbl. white, 75c per 100; \$5.00 per 1000.

Feverfew, dbl. white, \$1.00 per 100; \$8.00 per 1000.

Lobelia, dwarf blue, \$1.00 per 100; in bud and bloom, 3-inch, \$4.00 per 100.

Coleus, mixed colors, 2 1/2-inch, \$1.50 per 100.

Ageratum, dwarf blue, 60c per 100.

Petunias, double fringed; dark blue Heliotropes, bud and bloom, 4-inch, \$6.00 per 100.

HILL TOP GREENHOUSES, 15 Gray Ave., Ulica, N. Y.

Please mention the American Florist when writing.

Hardy Roses

Fine 2-year field-grown Gen. Jacqueminot, Magna Charta, La France, Crimson Rambler, etc., first size, 12c; second size, 7c; Crimson Rambler XXX, 20c; **large flowered Clematis**, finest purple, lavender, white and red sorts, 2-year, 18c; 1-year, 9c; extra 3-year, 30c. **Olemetis Panloulais**, 2-year, strong, 10c. **Ampelopsis Vellohi**, 10c. **American Ivy**, 8c; **Honeysuckle**, Hall's, etc., 8c; **Hydrangea, P. C.**, 11c; splendid tree shaped specimens, 30c. **Golden Glow**, strong roots, 4c. **Hardy Phlox**, finest named sorts, 8c. **Peonies**, finest varieties, 12c; **Iris**, finest Japanese and German, 10c; **Hardy Shrubs**, in the leading varieties, **Altheas**, 10c; **Berberis**, **Purple Leaved**, etc., 10c; **Dentzias**, 10c; **Japan Quince**, 8c; **Spiraeas**, 10c; **Weigelas**, etc., 10c.

Everything offered is strong, 2-year, field-grown, unless otherwise noted. Fruit and ornamental trees, etc., priced on application. Packing free for cash.

W. H. SALTER, ROCHESTER, N. Y.

Please mention the American Florist when writing.

TREES

Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collections in this country.

Gold Medal—Paris—Pan-American—St. Louis. 102 prizes New York State Fair, 1904.

Illustrated Descriptive Catalogue FREE on Request.

ELLWANGER & BARRY
Mt. Hope Nurseries, Rochester, N. Y.
Drawer 1044 V Established 65 Years.

Please mention the American Florist when writing.

Silver Ribbon Grass

The new hardy perennial. The finest ornamental grass to be had—perfectly hardy can be used indoors and out, grows rapidly and does not turn green or run to seed. Strong field-grown roots, 15c each by mail, postpaid. \$1.25 per dozen; \$8.00 per 100 by express, charges not prepaid. Can fill orders at any time. Terms cash with orders.

James Vick's Sons,
ROCHESTER, N. Y.

Please mention the American Florist when writing.

—THE—

Tottenham Nurseries, LTD.

Established 1872.

A. M. C. VAN DER ELST, Managing Director.

Dedemsvaart, (Holland.)

Headquarters for Hardy Perennials (among which are the latest and choicest) 13 acres devoted for growing this line as Anemone, Aster, Campanula, Delphinium, Funkia, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata, and sufruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 6 acres Daffodils, 12 acres Conifers, (specially young choice varieties to be grown on), 3 acres Rhododendrons (also the best American and Alpine varieties), 2 acres Hydrangeas. We make it a point to grow all latest novelties in these lines. Ask for catalogue.

50,000 Extra Choice Cal. Privet.

	Per 100	1000
3 years, 2 to 2½ ft., very heavy	\$2.00	\$18.00
3 years, 1½ to 2 ft., well branched	1.50	9.00
3 years, 1 to 1½ ft., well branched	1.00	9.00

Cash with order. Packing free. Prompt shipment. 3,000 plants and up to 10 per cent. less for cash.

ATLANTIC COAST NURSERIES,
Office: 606 Fourth Ave. ASBURY PARK, N. J.

ORDER NOW HARDY SHRUBS, RAMBLERS and HYBRID ROSES FOR SPRING SALES

GRUSS ad TEPLITZ , strong, 2-year old.....	Doz. 100	\$2.00	\$15.00
HERMOSA , strong, 2-year old....	2.25	16.00	
CLOTHILDE SOUPERT , strong field plants.....	1.50	10.00	
AMERICAN BEAUTY , Own roots	1.50	10.00	
KAISERIN AUG. VICTORIA	2.10	15.00	
PAUL NEYRON , budded.....	2.00	15.00	
LA FRANCE , budded.....	2.00	15.00	
MME. PLANTIER , own roots.....	1.50	10.00	
TREE ROSES , H. P. sorts.....	5.00	40.00	
" Crimson Rambler..	6.00	50.00	
CRIMSON RAMBLERS , strong, 2-year old No. 1.....	2.00	15.00	
2-year old, No. 2.....	1.50	10.00	
Strong, 3-year old, No. 1.....	2.50	18.00	
H. P. ROSES, grafted 2-year-old, dormant, Perle des Blanches, Capt. Christy, Fisher Holmes, General Jacqueminot, Mme. Gabriel Luizet, Magna Charta Mrs. John Laing, Ulrich Brunner, etc., all at.....	1.50	11.00	

FLOWERING SHRUBS.

AZALEA MOLLIS , mixed kinds, 20 buds.....	Doz. 100	4.00	30.00
CLEMATIS JACKMANI , 2-year-old.....	\$2.50	\$20.00	
CLEMATIS , in ast'd kinds, 3-year-old.....	3.50	25.00	
AMPELOPSIS VEITCHI , 3 to 4 ft., heavy.....	2.00	16.00	

AMPELOPSIS VEITCHI , 2 to 3 ft., heavy.....	Doz. 100	1.75	14.00
ARISTOLOCHIA SIPHO , 3 to 4 ft., heavy.....	3.50		

BOX TREES (Buxus Sempervirens).
New importation, just arrived in fine condition.

Standard or Tree Shaped, stems about 2½ feet, crowns 2 feet in diameter, each \$4.00

Bush Shaped, very fine bushy plants.

18 to 20 inches high, each.....	1.00
2½ feet high, each.....	3.00
3½ feet high, each.....	4.00

Pyramidal Shaped, fine shapely trees,

3 feet high, each.....	2.50
3½ feet high, each.....	3.00
4 feet high, each.....	4.00


PEONIES. In case lots.
We have this year secured a fine lot of Pæonia Chinensis in fancy named sorts, suitable for Florists' use, all young roots, one year from divisions and with three to five eyes. These cases contain 67 double white, 66 double pink, 67 double red, each sort named. 200 roots in all. We offer them at the low price of \$20.00 per case, or 3 cases for \$55.00. We cannot break cases at these prices.

In Separate Colors. Strong roots, averaging 3 to 5 eyes.

Double red and crimson.....	Doz. 100	\$1.50	\$12.00
Double white.....	1.50	12.00	
Double pink.....	1.25	10.00	
Double, all colors mixed.....	1.00	8.00	
DIELYTRA SPECTABILIS	1.00	7.00	
SHASTA DAISY , 3-inch pots.....	.75	6.00	

VAUGHAN'S SEED STORE, Chicago.

Greenhouses and Nurseries, Western Springs, Ill.



RHODODENDRON MAXIMUM

And other Broad-Leaved EVERGREENS by the car load or in smaller quantities.

Ornamental TREES, SHRUBS and ROSES in great variety. HERBACEOUS PERENNIALS by the thousand.

See our Special Herbaceous Catalogue and Wholesale Trade List. Send for them now.

BAY STATE NURSERIES, North Abington, Mass.

New Dahlias of Proved Merit.

Embracing a complete set of 12 New Century Dahlias; 25 New Cactus Dahlias; New Collarlet Dahlias; New Giant-Flowered Dahlias; New Fancy Dahlias; New Decorative Dahlias; New Show Dahlias; New Single Dahlias. In all, 38 of the most wonderful Single Dahlias ever produced, and 44 of the grandest Double Dahlias.

All exquisite in form, shape and coloring; true bloomers and Money Makers. Faithfully and truthfully described in our new illustrated descriptive catalogue, mailed free upon request.

L. K. PEACOCK, Inc., Atco, N. J.

Please mention the American Florist when writing.

DAHLIA KAISERIN AUGUSTA VICTORIA:

The Best White Dahlia in Existence. My own importation. I control the entire stock of it. Flowers double, of the purest white, 4 to 5 inches in diameter. A wonderful bloomer. Stems, 12 to 18 inches long. Plants 3 to 3½ feet high. The finest plants from cuttings. Good strong stock from 2½-inch pots, \$3.00 per doz.; \$20.00 per 100. Delivery May 1st. Orders filled in rotation. Early booking suggested. Highly commended by the American Institute and the New York Florists' Club. Address

A. L. MILLER, Jamaica Ave., Brooklyn, N. Y.

Please mention the American Florist when writing.

FORCING LILACS.

Best German Poi-Crown in white and blue sorts; also the field-grown Paris de Marly, imported to order, for fall delivery. Let us appraise your warts.

AUGUST ROLKER & SONS, 31 Barclay St., NEW YORK, P. O. Box 752

GLADIOLI.

Lemoine's Hybrids (Butterfly Gladioli):

Per 100	1000	Per 100	1000	
No. 1.....	\$1.50	\$10.00	No. 2....\$.75	\$6.00
Small blooming bulbs.....	1.00			
Fine mixture, No. 2.....	2.50			
Fine mixture, No. 3.....	1.50			
Fine mixture, No. 4.....	.50			

Send for complete price list of bulbs and hardy plants.

E. Y. TEAS, Centerville, Ind.

COLEUS

Headquarters for

Rooted cuttings of Golden Bedder and Verschaffelti..... \$ 6.00

Rooted cuttings, mixed..... 5.00

2½-inch pots..... 15.00

The above ready for shipment. Cash with the order.

J. E. FELTHOUSEN, Schenectady, N. Y.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

At Chicago.

The bowlers rolled a very enjoyable series of games at the Benzinger alleys on the evening of April 25. There was a good attendance and a number of ladies were present, who had their own series of games. The bowlers are invited to compete with a soldier team at the First Regiment armory next Tuesday evening, May 2. The tournament for places on the Washington team will commence Tuesday evening, May 9, and at the same time the ladies' contingent will inaugurate a series for a prize or prizes to the value of \$25. The nature of the ladies' prize or prizes has not yet been determined, but will be announced in due course.

St. Louis.

DEMAND EXCEEDS SUPPLY.

The flower market in St. Louis in the past couple of weeks has probably been very satisfactory to such growers as had stock to sell, as with the exception of a few items of bulbous stock, everything has been in greater demand than the supply. As a consequence, sales have been pretty clean and prices quite satisfactory for the quality of stock received. The Easter trade was extremely satisfactory to most of the retailers. Potted plants were in great demand. The shortage of good lilies existed as usual. There have not been as many azaleas and rhododendrons grown this year as heretofore and such as there were sold well. The west end store men made nice displays and were kept very busy during the latter half of the week.

This spring has been a very peculiar one thus far from the standpoint of the outdoor gardeners who depend upon a lot of tree and shrub planting for the first part of the season preceding the planting of flower beds. As a rule the two seasons practically join into each other, but this year on account of the extremely warm weather we had the latter part of March and early in April, hardy stock started to grow so rapidly that it became unsafe to move much of it. On the other hand, the cold weather of the first two weeks in April has kept down the opening of the bedding plant season, so that the growers who make bedding plants a specialty have yet to find their trade opened.

The Plant and Cut Flower Growers' Association were to have held a meeting April 19, but President Halstead, upon consultation with other officers, determined that the week before Easter was a bad one in which to call out the craft and the meeting was consequently postponed until Wednesday of this week at three o'clock. A large attendance is anticipated.

In this part of the country it is a very common occurrence for the common lilae, to miss out on its blooming. This year has been a remarkable excep-

tion, inasmuch as but very few plants were noted which were not covered with flowers. Coming into bloom as they did just when the weather was nice and cool they lasted well and extended over about two weeks. A number of very fine specimens of Charles X. have been noted. This variety can be counted on almost every year to make a good show, its compact form of growth and the rich coloring of its heavy foliage making it very attractive and valuable both as an ornamental plant and for cutting. We have found it a very satisfactory plan to take imported plants that have been forced, plant them out in the field and in the course of a couple of years we have a very vigorous and improved plant.

Some very pretty wedding decorations are being made this week with combinations of white dogwood, apple blossoms and exochorda.

V.

Baltimore.

EASTER BUSINESS BRISK.

It is doubtful whether just such an Easter as that of this year was ever seen here before. The weather of the great vernal holiday, and for several days previous, was ideally perfect. On Saturday the streets were crowded, and far into the evening the great thoroughfares and market places were alive with happy, good natured throngs of people, all buyers, according to their means and taste. Before midnight the florists' stores looked as if some whirlwind had engaged them, and the stalls of the market men and the fakirs had completely emptied themselves.

The Charles street stores report the largest business ever done at Easter, and in all the other sections an almost similar experience was met. On Sunday it seemed as though every window had its display of plants, or its bunch of flowers. The aristocratic mansions had groups almost like a conservatory, and the humble home had its hyacinth, a pot of tulips or pansies. The wearing of flowers for personal adornment by the women seemed like a return to the fashions of years ago when all varieties were in vogue. Violets were absolutely lacking. In the great parade of the fashionable on Charles street not more than one or two bunches were seen. Valley had the call, but many sweet peas were used, and some gave the preference to American Beauty and tea roses.

There was no scarcity of either plants or cut flowers. More Harrisii lilies could have been used; indeed, by the early afternoon of Saturday the market was practically exhausted. Azaleas, which it was promised would be scarce, were abundant enough for all requirements, though some of the stores handled none whatever. Hydrangeas, bougainvilleas and Ramblers, were amply supplied. There were few baskets offered, but the new fashions in raffia pot covers and ribbon struck the popular fancy.

The poor outcome of some lily bulbs and Holland stock has been emphasized to the unfortunate growers, when the demand was so great, and the expressions of indignation are not so loud as deep. Some vexation of spirit, too, was caused by the non-arrival of northern grown violets, which it was thought would fill the blank left by the ab-

sence of home grown crops. And it is hinted that some that did arrive occasioned still greater disappointment. It is curious that of all the florists' stores here only one advertised its products in the daily papers, and that in a very modest way as to space and display.

John Cook, the veteran rose grower, who was confined to his bed by an attack of the grip, is convalescing and was able to be at his store in the city on Saturday. His windows were very handsomely decorated, and to provide for the great business done he had to rent a nearby house to accommodate the demand of the Easter trade, which was the heaviest in volume he ever had.

S. B.

Milwaukee.

John Bourgaize, of Racine, who has been making an extended European trip, visited this city on Friday. Other visitors were J. N. Johnson, Louis Otto, Tom. Hinchliffe and wife, and John Nelson, of Oshkosh.

John Arnold, while driving, was run down and painfully injured April 4. Mr. Arnold's wagon was demolished, but the horse escaped injury.

M. A. McKenney & Company's window is filled with a choice line of flowering plants, some particularly fine hydrangeas being noted.

The creditors of Basil G. Lambros, bankrupt, met last week and appointed Louis Becker trustee with a bond of \$1,500.

Charles Burmeister will erect several new houses this spring for carnations.

Wm. Edlefsen is making a fine display of Easter plants at his store.

V. H.

Denver.

Business has picked up considerably the last two or three days. We had quite a lull the past week, stock being very plentiful and trade quiet. Bulbous stock is very scarce, also American Beauty roses. Tea roses and carnations are still plentiful. Easter material is looking fine and everybody anticipates the most extensive Easter trade we have ever had, on account of its being so late. We also look forward to good weather, which will be greatly in our favor.

PLATTE.

A Martyr's Death.

John B. McDonald, long before he dreamed of building the subway, took a contract to build a row of flats in Harlem. On arriving at the scene of his labors one morning he was shocked to learn that one of the Irish hod carriers had been killed by falling from the fifth floor to the cellar the evening before. Mr. McDonald was told that the man had slipped at the sixth floor, but had managed to grasp a beam at the fifth, and had hung onto it for fifteen minutes, while his fellow-workmen were making frantic efforts to rescue him.

"We had a ladder in position," said the foreman, "and in wane more mlnyt we'd hov been able to save him. His grip on the beam was as strong as iver when he let go, but he sacrificed himself to the cause of labor, and died a martyr's death. It was beeyootiful, sor."

"What do you mean by a martyr's death?" said Mr. McDonald, angrily. "Why didn't the fool hang on?"

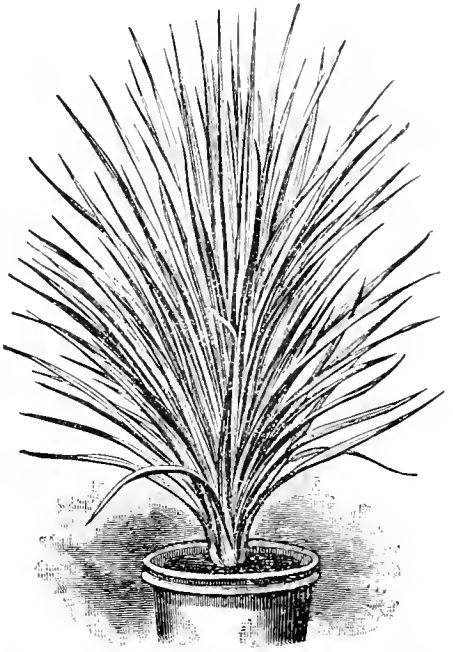
"Shure, sor," said the foreman, wiping away a tear, "he wor a great union man, an' phwin he heard the whistle blew he knew his eight hours wor up, and there was no choice left for him but to quit."—New York Times.

We Want to Move

Variety	Size	Height	Leaves	Each	Dozen	100
Kentia Belmoreana	3 1/2	12-14	5-6		\$ 2.00	\$15.00
"	4	15-17	5-6		3.00	25.00
"	6	24-28	6-7	1.50	18.00	
"	7	34-36	6	2.50	30.00	
"	10	46-50	7-8	7.00		
Kentia Forsteriana	6	26-30	5	1.25	15.00	
"	7	32-36		2.00	24.00	
" single	8	34-38	5-6	2.50	30.00	
"	10	48-56	6-7	7.00		
Latania Borbonica	2				.75	5.00
"	3				1.00	7.00
"	3 1/2	11-13	4-5		1.50	12.00
"	7	26-30	7	1.00	12.00	
"	8	30-34	7-8	1.25	15.00	
Phoenix Canariensis	8	38-42	10-12	3.00		
Ficus Elastica	4	10-12		.25	3.00	
"	5	16-20		.35	4.50	
Araucaria Excelsa	4		2-3	.50	6.00	
"	5		3-5	.75	9.00	
"	6		3-5	1.25	15.00	
Compacta	6		3	2.00		
Cocos Weddelliana	3				2.50	
Pandanus Utilis	3				2.00	
"	5				5.00	
"	6				9.00	

Variety	Size	Each	Dozen	100
Poa Triv. Var., for ferneries	3			\$ 6.00
Crotons	3	\$1.50		
"	4	3.00		
Cibotium Scheidii	6	1.50	18.00	
"	7	2.00	24.00	
Adiantum Cuneatum	2		3.00	
"	3	1.00	8.00	
"	4	1.50	12.00	
"	5	2.00	15.00	
Dracaena Fragrans	4	3.00		
"	5	5.00		
"	7	9.00		

Variety	Size	Each	Dozen	100
Dracaena Massangeana	5	\$1.00	\$12.00	
Asparagus Plumosus	2		3.00	
"	3	1.00	8.00	
"	4	1.50	12.00	
" Sprengeri	3		6.00	
"	4	1.50	10.00	
"	5	2.00	15.00	
"	6	3.00	20.00	
Dracaena Ter., height, 22-24	6	.75	9.00	
Fittonia Verschaffeltii	2		\$5.00	
Fine for ferneries.				



DRACAENA INDIVISA.

Variety	Size	Each	Dozen	100
Dracaena Indivisa	4	\$1.50	\$10.00	
"	5	3.00		
"	6	5.00		
Maranta Massangeana	2		5.00	
Fine for ferneries.				

We have a fine lot of Dracaena Indivisa as quoted in List.

The **GEORGE WITTBOLD COMPANY,** 1657-1659 Buckingham Place, CHICAGO.

Asparagus Plumosus

From 4-in., at \$12.50 per 100; 3 1/2-inch, \$10.00; 3-inch, \$7.00; 2 1/2-inch, \$4.00 per 100.

Asparagus Sprengeri, 4-inch, \$8.00; 3-inch, \$5.00 per 100.

Alyssum, (Sweet), double and the dwarf, from 2 1/2-inch, \$3.00; 3-inch, \$4.00 per 100.

Ageratum, Stella Gurney, Princess Pauline and Snowball, from 2-in., \$2.00 per 100.

Cannas, Chas. Henderson, Burbank, Mme. Crozy, F. Vaughan, Egandale, Bouvier, from 4-inch, \$8.00 per 100.

Coleus, from 2-inch, Golden Bedder, Verschaffeltii and mixed in many varieties, \$2.00 per 100.

The stock offered here is all A No. 1. Send in a trial order and be convinced. Please do not send personal checks. Remit by P. O. M. O., Express M. O. or drafts.

CATION GREENHOUSE CO., 401 Fifth Ave., Peoria, Ill.

SPECIAL OFFER.

Having disposed of my greenhouses I offer stock as follows for the next thirty days, viz.:

	Per 1000
8,000 Large Clumps, ASPARAGUS PLUMOSUS	\$10.00
5,000 2 1/2-inch SPRENGERI, very large stock	2.00
500 6-inch SPRENGERI	10.00
1,000 3 year old grafted KAISERINS, in 6-inch pots, now in bud, ready to plant out and produce fine flowers for summer cutting having been dormant all winter	15.00

CASH MUST ACCOMPANY ALL ORDERS.

SAMUEL J. BUNTING, Elmwood Ave. & 58th St. PHILADELPHIA, PA.

PLACE YOUR NAME.....

and your specialties before the purchasing florists of the entire country by advertising in

SEND ADVT. NOW. THE AMERICAN FLORIST.

ROSES

Own Root Stock, 2 1/2-inch Pots. Per 1000

Bride, Bridesmaid and Meleor.....\$30.00

American Beauty..... 50.00

Liberty..... 40.00

Not less than 250 at 1,000 rates.

Bedding Plants.

We also have a fine lot of Double and Single **Petunias, Salvias, Coleus, G. Bedder, Verschaffeltii, Dwarf Lantanas, Achyranthes, Vinca, Lobelia, Cannas, Dracena Indivisa.** Write for varieties and prices.

Chrysanthemums.

2 1/2-inch Pots. Per 100

Glory of Pacific, Polly Rose.....\$2.50

Alice Byron, Lady Harriet, Pink Ivory, White Ivory, J. K. Shaw, Harry Parr, White Bonnaifon, Cobb and Maude Dean..... 3.00

Robert Halliday, Yellow Queen, Chadwick, Golden Beauty, R. E. Richardson, Nagoya..... 4.00

Josephine, a grand midseason yellow..... 6.00

NEW VARIETIES. 2 1/2-inch pots.

We recommend these three grand varieties: Chaulauqua Gold, yellow, midseason, fine 3.00

Dr. Enguehard, Wm. H. Duckham.....10.00

Lakeview Rose Gardens,

Jamestown, N. Y.

Please mention the American Florist when writing.

Carnations

ROOTED CUTTINGS.

WHITE.	Per 100	Per 1000
Chicago White.....	\$12.00	\$100.00
Roston Market.....	2.50	20.00
Flora Hill.....	1.00	9.00
Queen Louise, Fern.....	1.00	9.00
RED.	Per 100	Per 1000
Estelle.....	2.50	20.00

SCARLET.	Per 100	Per 1000
Richmond Gem.....	\$10.00	\$75.00
Crusader.....	5.00	45.00
Adonis.....	2.50	20.00
PINK.	Per 100	Per 1000
Phyllis.....	\$12.00	\$100.00
Indianapolis.....	5.00	45.00

PINK.	Per 100	Per 1000
Nelson.....	\$ 1.50	\$12.50
Lawson.....	2.00	15.00
Morning Glory.....	1.50	12.50
Higinbotham.....	1.00	9.00
Guardian Angel.....	1.00	9.00

ROSES. 2 1/2-inch pot plants.

	Per 100	Per 1000
Richmond.....	\$30.00	\$250.00
Rosalind Orr English.....	25.00	200.00
Perle von Godesberg.....	5.00	40.00

	Per 100	Per 1000
Liberty.....	\$ 5.00	\$45.00
American Beauty.....	6.00	50.00
La Detroit.....	6.00	50.00

	Per 100	Per 1000
Bridesmaid.....	\$ 3.00	\$ 25.00
Bride.....	3.00	25.00
Ivory, Parle.....	3.00	25.00

AM. BEAUTY BENCH PLANTS, per 100.....\$6.00; per 1000.....\$50.00

CHATENAY, UNCLE JOHN and KAISERIN reduced to \$3.00 per hundred; \$25.00 per thousand.

All plants and rooted cuttings sold under the express condition that if not satisfactory they are to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave., CHICAGO.

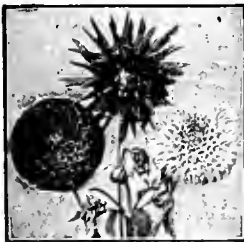
Double Petunias.

Extra fine, 2-inch, 2c.

PARIS DAISY, Giant 2-inch, 2c.
DOUBLE DAISIES, Snowball, Longfellow, \$2.50 per 1000, in bud and bloom.
ABUTILONS, 2 varieties, 2 1/4-inch, 2 1/2c.
GERMAN IRIS, divided roots, \$1.00 per 100.
COLEUS, 15 kinds, 2-in. 2c.
HELIOTROPE, blue, 2-inch, 2c.
STEVIA, Serrata and Variegata, 2-inch, 2c.
COREOPSIS Lancifolia, field, 2c.
AGERATUM, Gurney, Pauline, **ALTERNANTHERAS**, red and yellow; 2-inch, \$2.00 per 100.
ALYSSUM, Giant double, 2-in., 2c.
FUCHSIA, 4 kinds, 2-inch, 1 1/2c.
FEVERFEW, Gem, 2-inch, 2c.
SALVIA, Bonfire, Splendens, 2-inch, 2c.
 Rooted Cuttings, per 100, prepaid: **Heliotrope**, 75c. **Ageratum**, Gurney, Pauline, 50c. **Salvia**, Splendens, Bonfire, Silverspot, 90c; \$8.00 per 1000. **Fuchsia**, 5 best varieties, 90c. **Hardy Pinka**, 6 varieties, some everblooming, 75c; \$5.00 per 1000. **dbl. Petunias**, 10 finest, 75c. **Alternanthera**, red and yellow, 50c; \$3.50 per 1000. **Stevia**, Serrata, 75c. **Giant Parla Daisy**, 75c. **Coleus**, 60c; \$5.00 per 1000. **Mums**, West-eru King, Weeks, Halliday, \$1.00. **Smilax Seedlings**, 30c per 100; \$2.50 per 1000. **Golden Feverfew** and **Centaurea Gymnocarpa**, nice young plants, 60c per 100.

CASH

BYER BROS., Chambersburg, Pa.
 Please mention the American Florist when writing.



Dahlias

Mrs. Winters

The beautiful new white is still queen of the world, strong tubers, \$10.00 per 100.

Ingeborg Egeland the leading scarlet cactus, \$3.00 per doz.; \$20 per 100. Other novelties and standards. Also double field-grown Hollyhocks, true to color, \$3.00 per 100. Gladioli, Peonies and Hardy Plants. Send for catalogue.

W. W. WILMORE, Dahlia Specialist,
 Box 382, DENVER, COL.

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All Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the "Horticultural Advertiser"

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 Chilwell Nurseries, **LOWDHAM, Notts, England.**

READY NOW

Gen. MacArthur.

THE most prolific flowering Red Rose in the market to-day. Grows finely in same temperature as Brides or Maids, and will produce fully as many first-class flowers as either.
 2 1/2-inch Pot Plants, own roots.....\$10.00 per 100, \$80.00 per 1000
 Strong Grafted Stock from 3-inch pots.....\$12.00 per 100

The STORRS & HARRISON CO.

PAINESVILLE, OHIO.

Please mention the American Florist when writing.

Geraniums

	Per 100
10 varieties, fine plants, 2 1/4-in. pots.....	\$3.00
10 varieties, fine plants, 3 1/4-in. pots.....	4 00
Alternanthera , red and yellow.....	2.00
Asp. Plumosa Nana , 2 1/4-in. pots.....	2.00
Asp. Sprenger , 2 1/4-in. pots.....	2.00
Verbena	2.00
Vinca Vine , Var.....	2.50

CASH or C. O. D.

JOS. H. CUNNINGHAM, Delaware, Ohio.

Please mention the American Florist when writing.

COLEUS....

	Per 100
12 varieties, 2 1/4-inch pots.....	\$2.00
Petunias , double.....	3.00
" seedlings.....	2.50
Centaurea Gymnocarpa	2.00
Primrosea , Chinese, Ubcnica and Forbesi July 1.....	2.00
Cannas , 10 varieties, 4-in. pots.....	5.00

MYRTLE!

For Cemetery Planting.

\$10.00 to \$20.00 per 1000. Samples free

S. J. GALLOWAY, Eaton, O.

ALEX. B. GARDEN,

441 Center Market, WASHINGTON, D. C.

Carnations, Roses, etc.

Wholesale and retail. Telegraph or 'phone.

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American Florist

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Chicago Carnation Co.

JOLIET, ILL.

Our plants are now in the field.

Write us for Fall delivery.

Please mention the American Florist when writing.

Syracuse, N. Y.

NOTES AND GENERAL COMMENT.

L. F. Marquisee has from 4,000 to 5,000 Albatross seedlings and 1,500 seedlings of various kinds which are now on their second and third year's trial. Among the 1,500 seedlings are three dark reds of very fine shade without any black which measure $3\frac{1}{2}$ to $3\frac{3}{4}$ inches in diameter. These have fine form and long, strong stems. He also has a pure yellow of deeper shade than the average, two whites and several pinks. Mr. Marquisee gives glowing reports of two variegated carnations of the same style as the Prosperity but which he thinks are far ahead. All these new varieties are still on trial and Mr. Marquisee says they look better this year than last. He also has 10,000 of this year's seedlings and is growing large numbers of The Marquis, the pink carnation which he originated. To see the crop for Easter one would not think this was a worn out variety. Mr. Marquisee says he is banking on the Enchantress, a light pink, and Lady Bountiful, a white.

Victor Warendorff, of New York, a member of the firm of Warendorff, florists, was in town several days last week, remaining until Tuesday. He said his firm was negotiating for a store in the center of the city and would establish a branch of their business here. He said he had visited all of the cities in the center of the state and considered Syracuse the best fitted for his needs.

Julia A. Deegan, widow of Thomas Deegan, who was killed in the greenhouse of Lyman C. Smith, while attempting to move a transformer with an iron crowbar, was awarded a verdict in the Supreme Court for \$4,500 against the Syracuse Lighting Company. The case aroused a great deal of interest and occupied an entire week of trial. William Dixon was also killed at the same time.

George Dobbs, of Dobbs & Son, Auburn, N. Y., was a visitor in this city April 10. Dobbs & Son are wholesalers and retailers and have one of the largest establishments in this section of the state. Mr. Dobbs said business in Auburn had been much better this year during the Lenten season than last year. He said the demand this season was for calla lilies rather than the Easter lilies.

A. J. B.

Worcester, Mass.

Trade has remained satisfactory for this season of the year, and although there is more or less of a surplus it is not altogether unwieldy. Good flowers in all lines are plentiful, but violets are beginning to show the effect of the heat. Indications for Easter show that there will be a goodly number of lilies on hand and other Easter stock should be plentiful.

Lange had the decorations for the Board of Trade banquet, which were quite elaborate, over 600 covers being laid.

The horticultural society has begun a series of talks and lectures to be given at night for the benefit of the people who cannot attend the afternoon sessions. The subjects are popular ones on the growing of fruits, vegetables and flowers.

The crusade against the brown-tail moth is being waged very strenuously

by the city forester and the parks commission, and the horticultural society has interested the public school children in the matter, paying a cent for every nest brought in.

The Worcester Conservatories will open a retail store at the corner of Main and Pearl streets very shortly.

H. F. A. Lange has made arrangements to open a branch in the Central Grocery Company's new store.

F. E. Keyes is conducting the business formerly carried on by his father, lately deceased.

L.

Oceanic, N. J.

At the meeting of the Monmouth County Horticultural Society April 21, Oceanic, N. J., the two winners of the prizes for "Fruit Culture Under Glass" were announced. Percy Hicks, employed at the M. C. Borden estate, William Turner, superintendent, received first prize, and Harry Griffiths, employed at the same place, received second. The two papers were read and discussed at the meeting. "Chrysanthemum Culture" is the subject on which essays were handed in to the sec-

retary, April 21, to come up for competition at the next meeting.

H. A. Kettel exhibited the following tulips: Canary Bird, Pink Beauty, Belle Alliance and two peony-flowered varieties, pink and yellow. The two latter possess real merit and will undoubtedly be grown more extensively in this locality next year. They received 95 points. William Turner exhibited some beautiful Cattleya Mossia, which received 95 points; and some fine Lælia purpurata, seven flowers on a spike, and beautifully marked, scoring 95 points.

B.

New London, Conn.

The New London Horticultural Society has issued schedules for the three shows which the society proposes to give, one of which, a rose and strawberry show in June, will be held in Norwich, and the other two, a midsummer show in August and a chrysanthemum show in November, in this city.

In the general list prizes are offered by Bobbink & Atkins, Rutherford, N. J.; Stumpp & Walter Company, New York; Thomas J. Grey & Company and Schlegel & Fottler Company, Boston, Mass.

ROSES.

A COMPLETE LIST OF ALL THE FORCING VARIETIES BOTH NEW AND OLD. WRITE FOR PRICES.

JOHN N. MAY,
Summit, New Jersey.

Please mention the American Florist when writing.

Seasonable Stock.
IN EASTER LILIES,
HYDRANGEAS, GENISTAS,
SPIRAEA GLADSTONE,
RHODODENDRONS.

**Palms, Ferns and
Decorative Stock.**

R. DREYER, WOODSIDE,
L. I., N. Y.

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**THE HORTICULTURAL
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The largest, brightest, and best advertising medium for the Horticultural Trade in Great Britain, published weekly. Also


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Published quarterly. Both mailed post free for one year for One Dollar.

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BURNLEY, ENGLAND.**

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Summer Tours**

Write today for a Free copy
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Book—1905, outlining many
very attractive summer vaca-
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Write us about any tour you
may have in contemplation.
We shall be glad to assist you.

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It is good business policy to mention

**The...
AMERICAN FLORIST**

When you write to an advertiser.

San Francisco.**MARKET CONDITIONS.**

Last week all flowers moved rather slowly, but the opening of this, the week before Easter, finds everybody busy and prospects are bright for a splendid trade. Of course everybody is on the lookout for Harrisii and it is a fact that there will be more in the market this Easter than for several years past. The majority of the stock is of fairly good quality, although there are a great number of seconds. Roses of first quality are scarce and will be so at Easter. A few of the growers, however, are supplying some fine American Beauty. Sweet peas will not be overplentiful. They seem to be very backward this season. Carnations are plentiful, and the demand is such that this week will witness the disposal of a large quantity that would under ordinary conditions find its way to the waste barrel. Several growers are strong on valley and I may add of splendid quality. Bulbous stock, other than those mentioned above, is in short supply. Smilax and ferns are also in limited quantities. Smilax, especially as grown outdoors in the vicinity of this city, is about over for the season. M. Lynch, of Menlo Park, the largest grower of this article, has disposed of over 23,000 strings during the past winter. There are a few violets to be had, but the flowers are small and can hardly be expected to play an important part in the Easter trade. Of late years the demand for plants at Easter has fallen away very considerably and the quantity disposed of now is nothing like its former proportions. Lilies in pots are about the chief plants called for. Just at present there is a great wealth of outdoor roses, owing to the early spring and late Easter, and it is also a fact that, in a great many instances, the flowers are far superior to the majority of inside roses that are arriving in this market. The weather is ideal and Easter promises to be ushered in under the most favorable circumstances.

OUT AND ABOUT.

Mrs. Burbank, mother of Luther Burbank, the famous scientist, celebrated her ninety-second birthday last week. Despite her advanced age she is still hale and hearty and takes the keenest interest in the work of her distinguished son. A large number of congratulatory messages from all parts of the country have been received by the venerable old lady.

Following the lead of many of the larger cities of the state, the florists, gardeners and growers of San Rafael, one of the prominent suburbs of this city, have organized a horticultural society, Fred Miller, head gardener for the Sloss estate, being the leader in the movement. A committee has been appointed to draft by-laws and the society expects to be in full working order in a few weeks. The "carnival of roses," which is to be held in San Rafael next month, will receive the support and advice of the society.

P. C. Meyer & Company will be well supplied with a splendid cut of lilies at Easter. They have some 20,000 which will be in bloom just at the proper time. They are a fine lot and remarkably free from disease.

The spring exhibition of the Menlo Park Horticultural Society, which is to be given on May 6, promises to be a great success. The exhibition commit-

tee have decided to add table decorations to the list of prizes and offer a splendid silver cup to the successful competitor.

SPRING EXHIBITION.

The fourth spring show of the Pacific Coast Horticultural Society, held in the Mechanics Pavilion in this city on April 13, 14 and 15, proved to be very successful, and was held in connection with the big nature show of the Forest, Fish and Game Association. Thomas A. Munro, the popular manager of the affair, was untiring in his efforts to make the exhibition the splendid success that it proved to be. With few exceptions the quality of the exhibits was up to the usual high standard. There was one disappointment, however, this being the very ordinary quality of most of the roses shown. The carnations were in great numbers and splendidly staged. John H. Sievers & Company, as usual, exhibited their novelties, which were a beautiful lot. A good group of decorative plants was shown by Golden Gate park.

Probably one of the most interesting exhibits in the hall was that of William Eldred, gardener for W. H. Crocker. He staged an almost complete collection of flowering shrubs. This exhibit captured first prize. The following were among the prize winners: Best display of roses under glass, Ferrari Brothers; collection of field grown roses, F. Ludemann; best collection of carnations, J. H. Sievers & Company; best single vase of carnations, John H. Sievers & Company for Hannah Hobart; Harrisii lilies, first prize to P. C. Meyer & Company; flowering shrubs, W. H. Crocker, W. Eldred, gardener; best collection of garden flowers, G. H. Pope, Esq., W. Kettlewell, gardener; best collection of decorative plants staged for effect, first prize to H. Plath, of Colma; largest and best collection of ferns, H. Plath; best specimen fern, H. Plath. Ferrari Brothers were awarded first prize for the best collection of azaleas and rhododendrons. The attendance was good all during the show and the press was very generous in the matter of write-ups.

At the next regular monthly meeting of the Pacific Coast Horticultural Society Tom Taylor and F. Ludemann, Jr., will entertain the members with a talk on "Japan." Mr. Taylor will explain the customs in vogue there and also answer any questions that members may wish to ask upon any subject with which they are not familiar.

Charles C. Novlet, of San Jose, was in town last week and reports mail order business as first class, being far ahead of last year.

Emil Serveau is preparing to go to his summer home in Portola.

Sidney Clack makes an ideal judge and his services are always in demand for out of town exhibitions.

NORMA.

Louisville.

The previous week was a surprisingly good one for many, while others did not do very much. Plants sold very well, this being especially true of spireas, hydrangeas, azaleas, etc. Bougainvilleas sold a great deal better than is usually the case. Lilies were probably the greatest shortage, very few having succeeded in bringing them in. Cut

flowers sold well, and some unusually choice stock was obtainable. Roses of very good quality can be had in small quantities, and sell pretty well. The quality of carnations is very good, and the supply is nearly equal to the demand, which is also very good. Forced lily of the valley is over, but that from outdoors can soon be had in great quantity. It has sold unusually well this year.

The regular monthly meeting of the Kentucky Society of Florists will be held Tuesday night, May 2, at the establishment of Coenen & Company. Members are especially requested to be present at this meeting, as it will be our farewell one with Mr. Coenen as a member, as he will leave shortly to settle in the orange district in California. Mr. Coenen is a charter member of the society, and his resignation will be accepted with much regret. He is at present our financial secretary, which office he has held faithfully for some time.

F. L. S.

Jacs Smits, Ltd. NAARDEN.
(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy, Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilies a specialty. Berlio and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries.
NAARDEN-BUSSUM, near Amsterdam, is our R. H. Depot.
Mailing address during April and May:
JACS SMITS, care MALTUS & WARE,
136 Water Street, New York City.

SCOTTII**The Most Graceful Nephrolepis Known**

Retailers who have handled this fern are unanimous in proclaiming it the best Fern ever introduced.

Consult any grower who has bought Scottii and he will tell you that it is as far ahead of the Boston as that variety is ahead of all other introductions.

See my adv. on second cover page in American Florist of Feb. 25th.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

BRANCH:**E. 43th St. and Rutland Road, Flatbush.****TELEPHONE, 1207 WILLIAMSBURG.***Please mention the American Florist when writing***ROSES****Fine, Clean Stock, from 2½-in. pots.**

Maman Cochet	Marie Van Houtte
White Cochet	Gruss au Teplitz
Yellow Cochet	F. Kruger
Hermosa	Perle des Jardins
Marechal Niel	Mme. Welche
Meteor	Safrano
Climbing Meteor	Lamarque
Burbank	White La France
C. Souper	Striped La France
Etoile de Lyon	Climbing Wootton
Ivory	Souv. de Wootton
Golden Gate	Duke of Albany
Bride	Helen Gould
Bridesmaid	Papa Gontier
Duch. de Brabant	Chatenay
Bon Silece	Folkestone
Agrippina	Media
Pillar of Gold	Antoine Rivoliere
Solfaterre	Malmaison
Marie Guillot	Clara Watson

\$2.50 per 100. \$20.00 per 1000.

Packing light and free, and satisfaction guaranteed. Terms cash. Please do not send personal checks.

R. H. MURPHEY & SON
URBANA, OHIO.

Toronto.

Easter for 1905 passed off with a blare of trumpets and a demand for flowers not exceeded in former years. Friday, April 21, was a most dismal day, with rain, sleet, snow, slush and frost without even a peep of sunshine to advise people that flowers were appropriate for the day. Saturday turned off with rather cool weather and with the sun glaring brightly, trade was at all times phenomenal. Flowers of all kinds were in demand. The special call was for violets, but the season was so very late for them that what few were to be had were of such an inferior quality that most patrons passed them by. American Beauty were the treat of the week. Very select blooms with stems from 6 to 7 feet long and flowers very finely colored, sold readily at \$18 retail. Other varieties of roses in their classes were equally fine. General MacArthur and Mme. Chatenay commanded \$5 per dozen, as also did Ivory and Golden Gate; select Bridesmaid, Bride and Meteor also demanded this top figure, while very good first grade sold at \$3 per dozen. Lilies in the better stores brought \$3 per dozen. In some of the smaller ones inferior blooms were sold as low as 5 cents each. Carnations found a very good demand. The average price was \$1.50 per dozen, though a few very selects commanded as much as \$3. Lily of the valley at \$1 per dozen and sweet peas at 75 cents were equal favorites.

The demand for plants was very good, although it clung closely to the ordinary varieties such as rhododendrons, lilaes, lily arrangements and azaleas. A number of very fine orchids, ericas and flowering apples were to be seen in the different stores, but were mostly passed by. Some very fancy arrangements in plant baskets, in hampers and other special fancy arrangements found ready sale, with demand leaning toward those articles which commanded about \$5. A goodly number of ferns and palms were in demand and all helped to increase the business which was noticed over former years. The retail men were particularly anxious to captivate the trade and some very splendid efforts were put forth in the way of display. Dunlop's, the leading store, had an unusually attractive window of lilies, ericas and moss arrangements and Japanese flowering apples. The electrical effect was unusually attractive and much admired by passing pedestrians.

NOTES.

William Fendley, of Brampton, has been confined to the house for a few days with the gripe. We are pleased to advise, however, that he is somewhat recovered and was partly able to look after the Easter business.

One of the leading surprises connected with Easter time was the marriage, on April 15, of one of our prominent growers, Charles Grobba, of the well known firm of Grobba & Wandrey, of Mimico.

It is with regret that we report the death of the son of Harry Mullis, head shipper for the Dale estate, Brampton. While playing with other companions he jumped on a wagon, missed his footing and the heavy wheels of the dray passed over his ankle, and although he had regained enough health in a few days to enable him to be outdoors,

blood poisoning set in, which caused his death. He was eight years old.

Omaha, Neb.

Easter week was good and everything in cut flowers and potted plants was well cleaned out. Lilies were not as good as last year, but brought better prices than previous years. Most of them sold for 25 cents per bloom. Hyacinths were scarce and much in demand. Hydrangeas sold well and brought good prices. All the downtown florists made a good display in their windows and stores. Roses sold from \$1 to \$2 per dozen; carnations, 75 cents to \$1; bulb-

ous stock, 75 cents to \$1; lilies, \$3; mignonette and stocks, 75 cents; snapdragons, \$1.50. Bulbous stock sold better than ever before; violets were poor and hardly worth the name, but very much in demand. The weather was elegant except April 20, when it rained all day and hurt the trade to some extent.

GRIPPE.

LENOX, MASS.—The Lenox Horticultural Society held its regular meeting at the society's rooms on April 15. A cultural commendation was awarded to Geo. H. Thompson, gardener to H. H. Cook, for Carnation Prosperity.

60,000 GRAFTED ROSES For Forcing

EXTRA FINE HEALTHY PLANTS. FREE FROM MILDEW.

LIBERTY, rose pots, \$15.00 per 100; 3½-inch pots, per 100.....\$ 18.00
 BRIDES, BRIDESMAIDS, GOLDEN GATES, KAISERINS, rose pots, \$10.00 per
 100, \$95.00 per 1000; 3½-inch pots, \$15.00 per 100, per 1000 146.00

500,000 VERBENAS 60 Varieties.

PERFECTLY HEALTHY. IN BUD AND BLOOM.

2½-in. pots, our selection.....\$2.50 per 100; \$20.00 per 1000
 2½-in. pots, purchaser's selection..... 3.00 per 100; 25.00 per 1000

COLEUS.

VERSCHAFFELTH, GOLDEN BEDDER, FIREBRAND, rooted cuttings, 76¢ per 100; per 1000.....\$6.00

SEND FOR PRICE LIST.

J. L. DILLON, Bloomsburg, Pa.

CARNATION CUTTINGS.

Our Cuttings are Well-Rooted and Taken From Selected Stock CLEAN and HEALTHY.

PRICE LIST.

	Per 100	1000
Lawson.....	\$1.50	\$12.50
Guardian Angel.....	1.00	9.00
Enchantress.....	3.00	25.00
Morning Glory.....	1.50	12.50
Mrs. Higinbotham.....	1.25	10.00
Estelle.....	2.50	20.00
Chicago.....	2.00	15.00
Adonis.....	2.50	20.00
Flora Hill.....	1.00	9.00
White Cloud.....	1.25	10.00
Her Majesly.....	1.50	12.50
Harlowarden.....	2.00	15.00

Orders Filled Promptly.

WIETOR BROS.

51 Wabash Ave.,
 Chicago.

CARNATIONS Rooted Cuttings WHITE LAWSON.

The king of white aorts. A strong grower and a free bloomer. We have 5000 ready to be shipped. All orders will be filled in rotation. \$7.00 per 100; \$60.00 per 1000.

	Per 100	1000
Lady Bountiful.....	\$7.00	\$60.00
Mrs. M. A. Patten.....	6.00	50.00
Nelson Fisher.....	7.00	60.00
Daheim.....	6.00	50.00
Enchantress.....	3.50	30.00
Boston Market.....	2.50	20.00
The Queen.....	2.50	20.00
Mrs. T. W. Lawson.....	2.00	18.00
Gen. Maceo.....	2.00	15.00
Morning Glory.....	2.00	15.00
Mrs. G. M. Bradt.....	3.00	25.00
Melba.....	1.50	12.00
Queen Louise.....	1.50	12.00
White Cloud.....	1.50	12.00

GRAFTED ROSES.

We are now booking orders for future delivery. Write for prices.

WOOD BROS, Fishkill, N. Y.

Please mention the American Florist when writing.

Palmer's IS THE RED YOU OUGHT TO GROW.

RED LAWSON

Delivery at once.	\$10.00.....per 100
	40.00.....per 500
	75.00.....per 1000

W. J. Palmer & Son,
 LANCASTER, N. Y.

Please mention the American Florist when writing.

ROSES.

MacArthur, 3-in. \$8.00 per 100
 La Detroit, 3-in. 8.10 per 100
 American Beauty, 3-in. 6.00 per 100
 Perle, 3-in. 5.00 per 100
 Mme. Chateau, 3-in. 5.00 per 100
 Bride, 3-in. 4.00 per 100
 Bridesmaid, 3-in. 4.00 per 100
 Sunrise, 3-in. 4.00 per 100

G. R. HILLS GRAND RAPIDS, MICH.

Per 100
 Little Gem Alyssum, in bud, 2 1/4-in. \$2.00
 Cobaea Scandens, 3-in. strong. 3.00
 Verbenas, separate colors, mammoth, 2 1/4-in. 2.00
 Cuphea, 2 1/4-in. 2.00
 German Ivy, 2 1/4-in. 2.00
 Nicotiana Sandera, 2 1/4-in. \$1.00 per doz.
Watch for Other Offerings.
Please mention the American Florist when writing.

ASTER PLANTS.

Bentley's Famous Asters, extra fine stock, from flats, \$1.00 per 100, \$5.00 per 1000; from 2 1/4-in. pots, \$2.00 per 100, \$17.50 per 1000.
 Hohenzollern, Carlson's, American Branching and Queen of the Market, from flats, 60c per 100, \$5.00 per 1000; from 2 1/4-in. pots, \$1.50 per 100, \$12.50 per 1000.
 Will have Primulas for July delivery. Chinese, Obconica, Forbesi and Buttercup, 2 1/4-in., \$2. Write.

Palms and Asparagus Cheap.

Per 100
 Latania Bor., 2-in. pot, seed leaves.. 3.00
 " " 3-in. pot, 15-18 in., 2-3 chr. lvs. 12.00
 " " 5-in. pot, 18-20 in., 3-4 chr. lvs. 15.00
 " " 5-in. pot, 20-24 in., 4 chr. lvs. 20.00
 Kentia Bel., 2 1/4-in. pot, 6-8 in., 2 leaves.. 10.00
 " " 3-in. pot, 8-10 in., 3-4 leaves.. 12.50
 " " 4-in. pot, 12-15 in., 4-5 leaves.. 16.00
 Asparagus Sprengeri, 2-inch \$2.00
 Asparagus Plumosus Nanus, 2-inch 2.50
 " " 3-inch 5.00

SHERMAN NURSERY CO., CHARLES CITY, IA.

Please mention the American Florist when writing.

JOSEPH HEACOCK, WYNCOTE, PA. GROWER OF

Kentia Belmoreana and Kentia Forsteriana

EVERYTHING CHOICE FOR FORMAL ITALIAN GARDENS.
 Bay Trees, Box Trees, Pyramid, Bush, Standard, Fancy Clipped. Bamboos, Orange Trees, Etc.

Julius Roehrs Company, RUTHERFORD, N. J.

JOHN BURTON, Assignee for **ROBERT CRAIG & SON, ROSES, PALMS,** and Novelties in Decorative Plants. Market and 49th Sts., Philadelphia, Pa.

CANNA WEST VIRGINIA.

Best of the Crozy Type. Gold Medal at St. Louis. Started plants now ready, \$5.00 per 100. **Stock limited.**
GUS. OBERMEYER, Box 219, PARKERSBURG, W. VA.

HINODE FLORIST CO. JAPANESE NOVELTIES...

TINY PLANTS, in 2 and 3-in. decorated Japanese pots, \$15.00, \$30.00 and \$25.00 per 100.
RHAPIS, 6 to 15 shoots, 50 cents each.
 CASH WITH ORDER.
LARGEST GROWERS OF EASTER LILIES. WOODSIDE, N. Y. and WHITESTONE, L. I., N. Y.

There Are Buyers
 For all kinds of good stock advertised in.....
THE AMERICAN FLORIST

A FEW GOOD THINGS YOU WANT.

KENTIAS, As fine a lot of single and made-up plants as ever grown, 4-in., 5-in., 6-in., 7-in., and 8-in. pots, at 20c, 35c, 75c, \$1.50 to \$3.00 each.
DRACAENA INDIVISA, 3, 4, 5-inch, \$5.00, \$10.00 and \$25.00 per 100.
ASPARAGUS PLUMOSUS, 2 and 3-in., \$4.00 and \$8.00 per 100.
ASPARAGUS SPRENGERI, 2 and 3-in., \$3.00 and \$5.00 per 100.
GERANIUMS, Jean Viaud, S. A. Nutt, Castellane, John Doyle, Perkins. Single and Double, Gen. Grant, La Favorite, Mme. Sallerol, 2-in. pots, \$2.50 per 100.
GLADIOLUS BULBS, good mixture, 75c per 100, \$6.00 per 1000.
GERMAN IVY, 2-in., \$2.50 per 100.
SCARLET SAGE, LOBELIA, VERBENA, VINCA VAR., HELIOTROPE, Double and Single **PETUNIA**, 2-in. pots, \$2.00 per 100.

CASH WITH ORDER. GEO. M. EMMANS, NEWTON, N. J.
Please mention the American Florist when writing.

Cyclamen
SPLENDENS GIGANTEUM HYBRIDS.
 Our well-known strain in five true colors (seedlings), twice transplanted from flats, including the fringed variety, well-grown plants, \$4.00 per 100; \$35.00 per 1000.
 Satisfaction Guaranteed.
LEHNIG & WINNEFELD, HACKENSACK, N. J.

CYCLAMEN

SPLENDENS GIGANTEUM HYBRIDS. My well-known strain in five true colors (seedlings), twice transplanted from flats, including the fringed variety, well-grown plants, \$3.00 per 100; \$25.00 per 1000. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.

ASPARAGUS PLUMOSUS

Nice stock from 2-in. pots, \$2.25 per 100; \$20.00 per 1000; not less than 500 at 1000 rates.
Rubbers, fine plants, 5 in. pots, \$3.00 per doz.
Cannas. We have 5,000 from 3-in. pots, ready May 1. at \$5.00 per 100, in 20 best varieties.

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Orchids!

Just at hand, in superb condition, our first shipment of **CATLEYA LABIATA**. Write for prices.
 We also recommend our large stock of well-grown, established **ORCHIDS**. Write for catalogue.

Lager & Hurrell, SUMMIT, N. J.
 Orchid Growers and Importers.

APRIL 25th. ORCHIDS. APRIL 25th.
SANDER'S ANNUAL SPRING ORCHID SALE.
 Send for Descriptive Catalogue to
CLEARY'S HORTICULTURAL HALL, 62 Vesey St., NEW YORK.

Easter will be over, and then you look for Decoration Day

GEO. A. KUHL offers:

Vincas.....	2 to 2 1/2-in. \$3.50	3-in. \$5.00	4-in. \$12.50
Double Petunias.....	3.50	5.00	10.00
Sweet Alyssum.....	2.50		
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Santolina.....	2.50		
Cannas.....		5.00	
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Marguerites.....	3.50	7.50	10.00
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Geraniums, pink, red, white and salmon.....	3.50	5.00	8-10.00
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Fancy leaved Coleus (broad, highly colored).....		10-12.50	
Alternantheras.....	3.00		
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Moonvines.....	5.00		
Ageratum, white and blue.....	2.00		
Flowering Begonias, 5 var.....	5.00	7.50	12.50
Genistas.....			12.50
Cobaea scandens.....		5.00	
Heliotrope.....		7.50	

SPECIALS.—Hardy Moonvine roots, \$1.50 per doz.; hardy Hydrangeas, \$3.00 per doz.; hardy Boston Ivies, \$3.00 per doz. Have a nice lot of 2-year Liberty and Beauty in 5-in. pots, for summer blooming, which we offer at \$3.00 per doz.; Pansies at 75c to \$2.00 per 100. 2-in. 3-in. 4-in. Asparagus plumosus..... \$3.50 \$8.00 \$15.00
 Asparagus Sprengeri..... 2.50 5.00 10.00
 Boston Ferns, 2 1/4 to 10-in.; Scottii Ferns, 4, 5 and 6-in.; Foster Ferns, 2 1/4 and 3 in.; Small Ferns for Ferneries, 2 1/4-in., extra; baskets of Sprengeri, etc. Write.

GEO. A. KUHL, Pekin, Ill.

Scottii Ferns.

Much more valuable than the Boston Fern, because with the most ordinary culture it will grow into beautiful compact specimen plants.
 Per Doz. Per 100
 2 1/4-inch..... \$2.00 \$12.50
 3-inch..... 3.00 20.00
 4-inch..... 5.00

Pierson Ferns 2 1/4-inch 60c per dozen, \$4.00 per 100.

THE CONARD & JONES CO. WEST GROVE, PA.

BOSTON FERNS.

Extra fine stock, out from bench now ready for 5, 6, 7 and 8-inch pots, at \$25.00, \$50.00, \$75.00 and \$100.00 per 100. **KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS.** Cash or reference please.

L. H. FOSTER, 45 King St., DORCHESTER, MASS.

Stanley & Co. SOUTHGATE, ENGLAND.

CATLEYA SCHROEDERAE, a grand well assorted importation just arrived. Order at once.

AMERICAN FLORIST ADS Always do business Week days and every day Sundays and holidays All over the country At home and abroad

Nashville, Tenn.

SUPPLY ABUNDANT.

Nashville has seldom been provided with a more abundant or finer supply of flowers than were to be had in this city for the Easter trade. The lateness of the season made it a little difficult for the growers to hold back their bulbous stock but they succeeded in doing so, and not only were hyacinths, tulips and narcissi plentiful, but lilies were very abundant.

The early spring perennials threatened to play an important part in the Easter trade, but the recent cold snap and heavy frost killed all that were in flower and held back those in bud. The promise was for the most abundant lily of the valley crop known in years, but these were all blighted. Peonies were injured and candidum lilies, both of which latter flowers are abundant in this section, were touched by the frost.

The weather was ideal and the florists made happy by a constant stream of buyers. Geny Brothers had perhaps the most abundant supply of lilies of any of the growers, and report a fine sale of them. Their store was most attractive, being banked on all sides with lily plants and the windows were radiant with bloom. The prevailing tint of white was varied by exquisite azalea blooms, largely straw colored.

Joy & Son, who always have beautiful flowers were fully up to the usual standard for the Easter trade. They not only had lilies but some splendid specimens of rhododendrons in full flower. Their large store room was banked with Easter lilies, tulips, hyacinths and innumerable potted plants, while the cold storage boxes were filled with fine roses. The success of Joy & Son in rose culture is wonderful, and nowhere in the country are more handsome roses grown. American Beauty, with stems a yard long, Bride, Bridesmaid, and other varieties in the rose line to please any purchaser, are grown in quantity. They had plants of Crimson Rambler in full flower that were very attractive. The windows were most artistic, being filled with plants and decorated baskets.

The market house was the field of activity for all the smaller growers and was the resort of the cautious, or rather conservative buyer. Everything could be bought there, from a pansy blossom to Easter lilies. American Beauty was not overabundant, Joy & Son carrying perhaps the only supply. Buyers satisfied themselves with other flowers and the fine supply of potted plants.

Miss Eda Birn had a very pretty and attractive store and did a fine business.

St. Paul.

Easter trade was probably the largest ever experienced here. Weather conditions the whole week were all that could be desired and brought out more people than could be waited on. Stock was very good right through in both plants and cut flowers with the exception of some pickled carnation stock which was shipped in. Made up baskets of plants seem to have taken very well but we have not heard of any very fancy prices being realized, the biggest call being for \$5 to \$10 made up stock in this line. Dorothy Perkins and Crimson Rambler roses were big favorites with the buyers and most of the

stores had them in fine shape. Bulbous stock in pans did not seem to take as well as usual though it was very good for this late date. Cut flower sales were much larger compared with a year ago. There was an unusually big call for violets and at least one dealer experienced a great deal of trouble in filling orders for them.

NOTES.

L. L. May had \$1,200 to \$1,500 damage done to his residence by fire recently, caused by a defective lamp used in a brooder in the attic of his home.

Dr. Schiffman will remove his collection of orchids to California some time this spring and we are all very sorry to lose this fine collection.

F. V. Kent, of Grand Forks, N. D., and A. N. Kinsman, of Austin, Minn., were recent callers.

O.

ROOTED CUTTINGS

Carnations and Chrysanthemums. Strong soil plants of Lady Campbell Violets. Send for list.

WM. SWAYNE

Box 226, KENNETT SQUARE, PA.

Please mention the American Florist when writing.

Chatogue Greenhouses

MOBILE, ALA.

EXCLUSIVELY WHOLESALÉ.

REQUESTS from the trade for designs or cut flowers to be delivered at short notice in, or near Mobile or New Orleans, when made through us, will be executed with fresh stock by our retailers (Miss Maria Minge, Mobile; Mr. U. J. Virginia, New Orleans), and satisfaction guaranteed. Only high-class orders accepted. Address all telegrams at our expense to

F. P. DAVIS, Mobile, Ala.

Reference, Messrs. R. G. Dunn & Co.'s Agency.

Please mention the American Florist when writing.

The Beautiful Pink Carnation

CANDACE

\$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Dissemination 1906. Early commercial.

INDIANAPOLIS FLOWER & PLANT CO., Indianapolis, Ind. JOHN HARTJE.....Ind.

Please mention the American Florist when writing.

ROOTED CARNATION CUTTINGS

	Per 100	1000
WHITE LAWSON.....	\$6.00	\$50.00
FLAMINGO.....	6.00	50.00
ENCHANTRESS.....	3.00	25.00
THE QUEEN.....	2.50	20.00
CARDINAL, from 2-lach pots.....	12.00	

Larchmont Nurseries, Larchmont, N. Y.

Please mention the American Florist when writing.

Pansies The Jennings Strain.

Fine cold-frame plants in bud and bloom. Finest mixed colors. Ready April 1st. Price, \$1.50 per 100. Cash with order.

E. B. JENNINGS, Lock Box 254, SOUTHPORT, CONN.

GROWER OF THE FINEST PANSIES.

PANSIES.

Extra fine stock, in bud and bloom. \$1.25 per 100; \$12.00 per 1000.

The Park Floral Co. GRAND RAPIDS, MICH.

ROOTED CUTTINGS

HELLOTROPE, 12 var., \$1.00 per 100; \$8 per 1000. PETUNIAS, 20 var., \$1.25 per 100; \$10.00 per 1000. SALVIAS, 6 var., \$1.00 per 100; \$8.00 per 1000. GIANT ALYSSUM, \$1.00 per 100; \$8.00 per 1000. AGERATUMS, 4 var., 60c per 100; \$5.00 per 1000. COLEUS, 40 var., 70c per 100; \$6.00 per 1000.

Express prepaid on all R. C. Cash with orders. Write

S. D. BRANT, Clay Center, Kan.

CAPE COD

PINK POND LILIES

The best hardy pink. Large, strong flowering roots, \$3.00 per doz.

W. I. BODFISH, West Barnstable Mass.

Chrysanthemum Novelties

Merstham Yellow, White Coombes, Emily Milleham, Valerie Greenham, Mrs. H. A. Allen and all other novelties 50c each; \$5.00 per doz. Mrs. W. Duckham, the cup winner, 75c each; \$7.50 per dozen. Send for list.

CHARLES H. TOTTY, Madison, N. J.

ROOTED CUTTINGS OF EARLY

CHRYSANTHEMUMS.

Opah, Mme. Bergman, Willowbrook and October Sunshine.

Rooted Cuttings of VIOLETS of all kinds.

ELI CROSS, Grand Rapids, Mich.

CHRYSANTHEMUMS April Bargains in ROOTED CUTTINGS A FEW OF OUR LEADERS:

Wm. Duckham, Ben Wells, Mrs. Thirkell, \$2.00; F. A. Cabbold, Leila Filkins, \$3.00; Dr. Enguehard, \$1.00 per 100.

Asparagus Sprengeri, strong 2 1/4 and 3 1/4-in. \$1.75 per 100; \$15.00 per 1000.

Send for complete list. No order filled less than \$1.

W. A. CHALFANT, Springfield, Mo.

PANSIES.

100,000 Now in Bloom.

Extra large field-grown plants. They are the Kind that Sell. Per 100, \$2.00; per 1000, \$20.00.

Seedlings, \$3.00 per 1000.

ALBERT A. SAWYER, Pansy Specialist

Successor to Thos. J. Corbrey,

23-33 S. Harlem Ave., OAK PARK, ILL.

Telephone, Harlem 2342.

Red Sport

CARNATION.

The great "Bread and Butter" holly berry red. Early and continuous, sure crop for Christmas. Never splits; strong healthy grower, 2 1/4 to 3-inch flower on long wiry stem that well supports the bloom, an easy doer and an all-around money maker. 'Nough said. Price for immediate delivery, 12 for \$1.50; 25 for \$2.50; 50 for \$4.00, all postpaid. \$6.00 per 100; \$50.00 per 1000.

QUEEN LOUISE, the standard white, strong healthy well-rooted, \$1.25 per 100, postpaid; \$10.00 per 1000. Satisfaction Guaranteed.

A. B. DAVIS & SON, PURCELLVILLE, VA. CARNATION SPECIALISTS.

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Always do business Week days and every day Sundays and holidays All over the country At home and abroad.

BIG CUT IN PRICE!!

We Now Offer a Nicotine Solution Guaranteed to Contain not Less than

40 per cent NICOTINE,

At the Following Exceedingly Low Prices :

1-4 Pint, 50c. Pint, \$1.50. 1-2 Gallon, \$5.50. Gallon, \$10 50.

This Solution is Unsurpassed in Quality by any Competing Article.

Owing to the Marked Success of our "NICO-FUME" Tobacco Paper Insecticide, We call this Solution

"NICO-FUME" LIQUID.

IT WILL PAY YOU TO TRY IT.

FOR SALE BY SEEDSMEN.

Made by **The KENTUCKY TOBACCO PRODUCT CO., LOUISVILLE, KY.**

PUMPS Rider-Ericsson. Second-hand, from \$40.00 up; all repairs; other makes; new: cheap.

BOILERS New and second-hand. Two second-hand steam; first-class condition; will heat 1,000 sq. ft. glass; at \$35.00 each.

PIPE New 2-in. standard full lengths, with couplings. 8 $\frac{1}{2}$ c per ft. Good, serviceable second-hand, with threads, 2 in., 7c; 1 $\frac{1}{2}$ -in., 5 $\frac{1}{2}$ c; 1 $\frac{1}{4}$ -in., 3 $\frac{1}{2}$ c; 1-in., 3c; $\frac{3}{4}$ -in., 2 $\frac{1}{4}$ c. Old and new fittings and valves.

STOCKS and DIES New Economy, best made, No. 1 threads, $\frac{1}{2}$ -in., $\frac{3}{4}$ -in., 1-in. pipe, \$3.00. No. 2 threads, 1 $\frac{1}{4}$ -in., 1 $\frac{1}{2}$ -in., 2-in. pipe \$4.00.

PIPE CUTTERS New Saunders Pattern. No. 1 cuts $\frac{1}{2}$ -in-1-in. pipe, \$1.00. No. 2 cuts 1-in.-2-in. pipe, \$1.30.

STILLSON WRENCHES New, 18-in., grips $\frac{1}{4}$ -in.-2-in. pipe, \$1.65; 24-in., grips $\frac{1}{2}$ -in.-2 $\frac{1}{2}$ -in pipe, \$2.40; 36-in., grips $\frac{1}{2}$ -in.-3 $\frac{1}{2}$ -in. pipe, \$4.75.

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HOTBED SASH New. Cypress, 3-ft.x6-ft., from 70c up; glazed, complete, from \$1.60 up. Second-hand, as good as new, complete, at \$1.25 each.

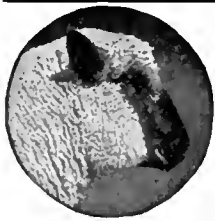
GLASS New. American, 50 sq. ft. to the box. 10x12, at \$1.75. 10x12, 12x12, B double, at \$2.40. 12x14, 12x16, 12x20, 14x14, 14x16, 14x20, 16x16, 16x18 B double, at \$2.60. 16x20, 16x24 B double, at \$2.85. Second-hand 10x12, at \$1.40.

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Brand Sheep Manure

Pure, Dry and Unadulterated.

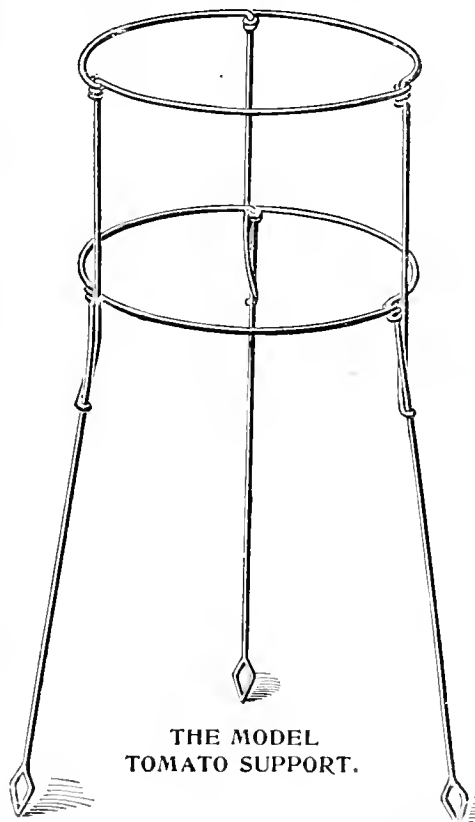
Sheep manure is one of the best natural fertilizers a florist can use, being readily applied in either dry or liquid form. Contains all the elements necessary for plant life. Our stock is saved under shelter and not leached.

Price, f. o. b. Chicago, per 100 lbs., \$1.00; per 1,000 lbs., \$7.50; per 2,000 lbs., \$14.00. Write for prices on car lots.

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THE MODEL TOMATO SUPPORT.

Please mention the American Florist when writing.

THE ONLY PERFECT

Tomato and Plant Support

MADE OF HEAVY GALVANIZED WIRE AND WILL NOT RUST.

Height complete..... 34 In.
Height of bottom section, 24 In.
Height of top section..... 12 In.
Diameter of circle..... 14 In.

MODEL CARNATION SUPPORTS, GALVANIZED ROSE STAKES and TYING WIRE.

Igoe Bros.,

226 North 9th St., Brooklyn, N. Y.

M. RICE & CO.,

Importers and Manufacturers,

Leading Florists' Supply House and Ribbon Specialists.

918 Filbert Street, Philadelphia, Pa.

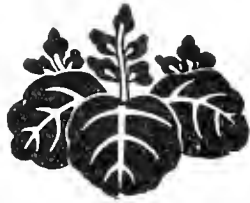
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FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

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Japan Bamboo Stakes

IN LARGE QUANTITIES. 5 TO 6 FEET.

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**WATERPROOF
Corner Lock
Style**

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

Size No.	0.	3x 4x20	\$2.00	\$19.00
"	1.	3x 4½x16	1.90	17.50
"	2.	3x 6x18	2.00	19.00
"	3.	4x 8x18	2.50	23.00
"	4.	3x 5x24	2.75	26.00
"	5.	4x 8x22	3.00	28.50
"	6.	4x 8x28	3.75	36.00
"	7.	6x16x20	5.50	54.00
"	8.	3x 7x31	3.00	28.50
"	9.	5x10x35	6.50	62.00
"	10.	7x20x20	9.50	67.50
"	11.	3¼x5x30	3.00	28.50

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
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Standard Pots which for strength and porosity combined are the best on the market

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THOSE RED POTS

"STANDARDS"

FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

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Made to look strong and healthy by using "Nicot chloride."

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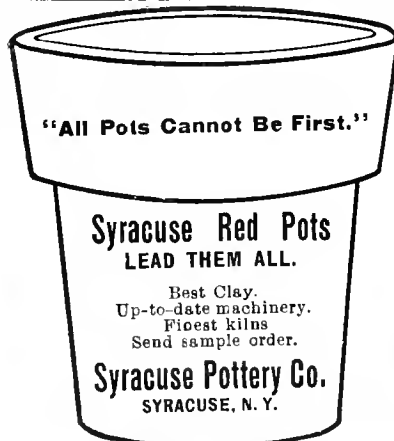
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THE KELLER POTTERY COMPANY,

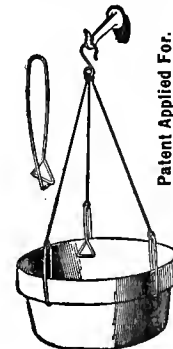
Manufacturers of **FLORISTS' RED STANDARD POTS.**

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.



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Patent Applied For.

The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them.

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Packed in small crates, easy to handle.		Price per crate		Price per crate	
1500 2-in., in crate, \$4.88	120 7-in., in crate, \$4.20				
1500 2½ "	60 8 "	5.25			3.00
1500 2¾ "		6.00			HAND MADE.
1000 3 "	48 9-in., in crate, \$5.00	5.00	48 10 "		4.80
800 2¾ "	24 11 "	5.80			3.60
500 4 "	24 12 "	4.50			4.80
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144 6 "	6 16 "	3.16			4.50

Seed pans, same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address

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Why can't do much with a
"Just Won't" powder

Who **KNOWS** that **ALL** tobacco powder is the same cigar and tobacco store trash he gets at his cigar store or from his seedsmen and **JUST WON'T** ask for our booklet, that is full of the sayings of his fellows, that read:

The H. A. S. Co.—The **BLACK STUFF FINE**, is used on my place and I cheerfully state that it gives entire satisfaction without injuring the plants. **EMIL LEULY**, West Hoboken, N. J.

The H. A. S. Co.—I consider the **FUMIGATING KIND TOBACCO POWDER**, perfection for what it is intended: my houses were badly infested and since the two fumigations, they are entirely clear. **J. W. SHEARER** Winchester, Ky.

He **JUST WON'T** believe that 95 per cent of all the growers that send for our free trial sample bags of **THE FUMIGATING KIND** (for fumigating), and **THE BLACK STUFF FINE** (for sprinkling), have purchased not once, but again and again, after the trial. **WHY BE A JUST WON'T** when you can have these free trial sample bags; yes, two of them if one won't do. All we ask is for you to pay the express charge on them. **ASK NOW**. Don't be a **JUST WON'T**.

The H. A. STOOHOFF COMPANY, TOBACCO POWDER HOBBYISTS, 116 West St., New York, N. Y.

FLORISTS' SPECIALS.....

- "Kinkaid" Hocking
- Kanawha Splint
- Lower Vein Brazil Block
- Genuine Smokeless Pocahontas
- Sullivan County Indiana Lump

COAL

We are direct agents. Write for prices for immediate shipment or season's supply.

GLOBE COAL COMPANY, 1560-1570 Old Colony Building, CHICAGO.

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GLASS.

**GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.**

Warehouse on railroad switch. Be sure and get our prices.

Sharp, Partridge & Co.
22nd St. and Union Place, CHICAGO.

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Le Moniteur d'Horticulture

For Horticulturists and Orchid Growers.

EDITED AT PARIS BY
Luclen Chaure and Otto Ballif.

The representative Gardening Paper of French Florists, Seedsmen and Nurserymen. Sample copies free. The largest circulation in France, Belgium, Italy and Switzerland. Twice every month. Subscription per year: With the colored plates, \$2.30. without the colored plates, \$1.20.

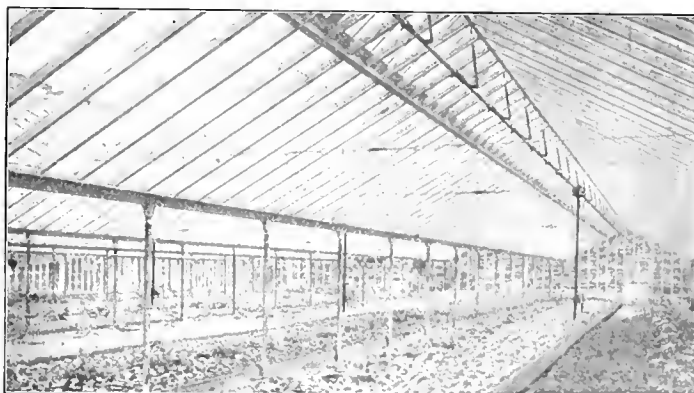
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WHEN WRITING ADVERTISERS.

Material for our Patent Short Roof Houses as per cut and all other styles of Construction, either of Washington Red Cedar or Louisiana Cypress.



Dietsch & Co.'s Short Roof Style of Houses Can be seen at George Reinberg, 304 Baltimore Avenue, Chicago.

Quality Invariably the Best that Can Be Produced.

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—MANUFACTURERS OF—

Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

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Davenport, Ia.

FLORISTS' CLUB MEETING.

The Tri-City Florists' Club held its regular monthly meeting on April 15 at the establishment of Henry Pauli on Eastern avenue and Elm street with nearly every member present. After the usual routine business of the club was conducted, the members listened to an interesting paper, "Shrubs and Hardy Herbaceous Plants," read by Adolf Ard, superintendent of Davenport parks, which was followed by a general discussion by the members.

A small social programme followed by supper brought a suitable termination to the meeting. The next regular meeting of the society will take place May 11 at the establishment of Henry Gaethje, Sr., of Rock Island, and will be a sort of reception in honor of Mr. Gaethje, who leaves for Germany a week later.

NOTES.

Downtown stores are putting on holiday attire and a large Easter trade is expected. Plants are moving slowly as the temperature goes below the freezing point every night.

The many friends of John T. Temple will be pained to hear of the death of his wife which took place April 18.

Planting out carnations has begun, and more will be found in the fields this year than ever before.

TED.

BOSTON, MASS.—The largest cargo of rose bushes ever imported to Boston arrived recently, consigned to the Somerville Nursery Company. There are over 100,000 bushes in the collection, also a number of barrels and boxes of bulbs and several bales of other shrubs. The shipment is from Virkwop, Holland.



WM. S. HARMAN,
Chicago, Indianapolis.
Producer, Jobber and Prompt Shipper of Bituminous Coal. Attractive prices on Alam Creek, Pocahontas Smokeless, W. Va. Splint, Brazil Block, Indiana Hocking Lump and other grades.

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PURE SHEEP MANURE
Dried, Unpulverized and Pulverized.

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A. HERMANN,

Cape Flowers, all colors,
Cycas Leaves, Metal Designs,
and All Florists' Supplies.

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404-412 East 34th Street, NEW YORK.
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L. BAUMANN & CO.,

Importers and Manufacturers of
Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue F. Our prices may interest you.

GREENHOUSE LUMBER

Our Louisiana Cypress

Is thoroughly air-dried and free from sap. This is the very best material now offered to the trade for greenhouse construction.

We have the largest stock of this high-grade cypress in the North, and can promise quick service in filling all orders entrusted to us.

Estimates and designs furnished on application. We will be pleased to figure with you on your contemplated work.

Our new detail sheet mailed on request.

RED CEDAR POSTS. IRON FITTINGS. HOT-BED SASH.

LOCKLAND LUMBER CO.

LOCKLAND, O.

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GARLAND'S GUTTERS
WILL KEEP SNOW AND ICE OFF
YOUR GLASS.

DES PLAINES, ILL.
SEND FOR CATALOGUE.

A merizan of our Gutter is on Exhibition at the Chicago Flower Growers' Market.

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BEST ENGRAVINGS and ILLUSTRATIONS

—Of Every Description—

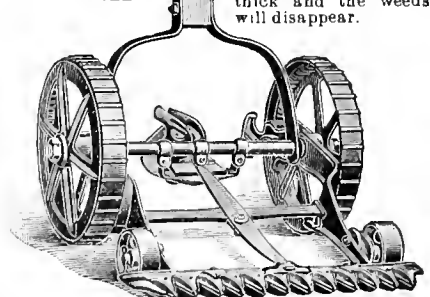
FOR CATALOGUES.

SEE OUR WORK IN THIS PAPER. SEND FOR ESTIMATES.

GLOBE ENGRAVING and ELECTROTYPE CO.

407-427 Dearborn St., CHICAGO.

Clipper Lawn Mower Co. DIXON, ILL.



The Clipper will do it. Ask your dealer for them. If they have not got them, below is the price: No. 1—12-in. Mower, \$5; No. 2—15-in. Mower, \$8; No. 3—18-in. Mower, \$7. No. 4—21-in. Mower, \$8. Send draft, money-order or reg. letter.

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The Standard VENTILATING MACHINERY

The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only Drip Proof gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its working. Catalogue free.

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King Construction Co.

NORTH TONAWANDA, N. Y. and
TORONTO, ONT.

New Greenhouse Catalogue ready for distribution. Send for it.

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THE ORIGINAL AND GENUINE
NICOTINE FUMIGANT

WIDELY IMITATED BUT NEVER EQUALED
UNIFORM AND ALWAYS EFFECTIVE

DON'T ACCEPT INFERIOR IMITATIONS
PRICE 60¢ PER BOX OF 12 SHEETS
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NICOTINE MFG. CO. ST. LOUIS, MO.

Material From The World's Fair.

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Here is a chance for Florists to purchase Thousands of Dollars worth of Valuable Material at extremely low prices. Such an opportunity only comes once. You must take advantage of it.

Three Complete Greenhouses.

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HOT-HOUSE SASH.

5,000 Standard Hot-bed Sash, 3x6 feet, heavy rail, in fine condition.

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10,000,000 feet of pipe for every purpose. Standard black wrought iron, sizes 3/8 to 12-inch.

Extra heavy black wrought iron, sizes 2 to 36-inch.

BOILER TUBES.

10,000 feet second-hand Boiler Tubes, in good condition, square ends, 3, 3 1/2 and 4-inch. Will make low prices on carload order.

100,000,000 FEET OF LUMBER.

Send us your Lumber Bill for our estimate. We can furnish you anything in the line. Studding, Joists and Timbers. Mixed 2-inch Planking, dressed and matched flooring. Timbers in sizes 4x4, 4x6, 6x6, 6x8, 8x8, 10x10, 10x12, 12x12, 14x14 and in lengths from 8 to 80 feet. Interior finishing material.

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Thousands of Sash and Doors for quick delivery. Can furnish all sizes. Write for our Sash and Door List.

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60,000 feet of Rubber Hose in sizes from 3/4 to 2 1/2-inch. We are making very low prices on large quantities.

ROOFING GLASS.

1,000,000 feet of 1/4 and 3/8-inch thick roofing glass, good as new.

1,000,000 feet of heavy wire netting used under this glass, No. 14 gauge.

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25 Rollers, two sections, each 10x20 inches, counterbalanced handles.

ROAD SCRAPERS.

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25—No. 2 Western Wheel Scrapers.

35—No. 2 1/2 Western Wheel Scrapers.

12—No. 1 Western Drag Scrapers.

12—No. 2 Western Drag Scrapers.

25—Western Railroad Plows.

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4,000 Steel Shovels. 500 Wheelbarrows. 500 Steel Picks. 600 Mattocks, Lanterns, Axes, etc. 1,000-ton Bolts, Rods, Lag Screws, Turnbuckles and Washers. 150 Track and Lever Jacks.

Thousands of other items of every kind and description. Furniture, Office Fixtures, Electrical Apparatus, etc., etc. Ask for our World's Fair Catalogue No. 47.

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West 35th and Iron Sts., CHICAGO.

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Greenhouse Glass A SPECIALTY.

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A SPECIALTY.

Window Glass, Paint, Putty, etc.

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Window Glass, Paints and Putty.
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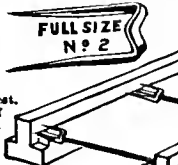
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French and American "WHITE ROSE" Brand.

2 Hudson St., NEW YORK. 101 Portland St., BOSTON.

Holds Glass Firmly
See the Point  FULL SIZE No. 2

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Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.

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TANK WINDOW GLASS.

Hot-House Glass a Specialty.

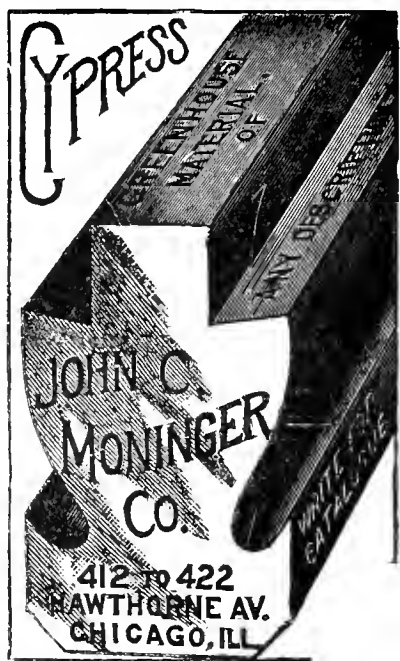
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10,000, \$1.50; 50,000, \$6.25. Manufactured by
W. J. COWEE, BERLIN, N. Y.
Sample Free. For sale by dealers.

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Greens—Hardy decorative supplies; high grade southern wild smilax. E. A. Beaven, Evergreen, Ala.

Greens—New decorative greens, the branches of huckleberry tree, \$2.50 per case. New crop hardy ferns; fancy, \$1.25 per 1,000; dagger, \$1 per 1,000. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens—Fancy ferns, \$1.50 per 1,000; dagger ferns, \$1.25 per 1,000; galax, 75c per 1,000, \$6.50 per case of 10,000. Laurel festooning, 4c, 5c, 6c per yd.; wild smilax, \$5.50 per 50-lb. case; laurel and Princess pine wreaths. Crowl Fern Co., Millington, Mass.

Greens—Dagger and fancy ferns; bronze and green galax, laurel festooning, green and sphagnum moss, ivy leaves, Sprenger, asparagus, leucothoe sprays. Henry M. Robinson Co., 8-11 Province St., Boston.

Greens—Hardy ferns and galax leaves. Cleveland Cut Flower Co., Cleveland, O.

Hose—New, ¾-in., 7½c per foot; ¾-in., not guaranteed, 4½c per foot. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Hose—Hose in quantity. Chicago House Wrecking Co., W. 35th and Iron Sts., Chicago.

Lawn Mower—The Clipper lawn mower. No. 1, 12-in., \$5; No. 2, 15-in., \$6; No. 3, 18-in., \$7; No. 4, 21-in., \$8. Draft, money order or reg. letter. Clipper Lawn Mower Co., Dixon, Ill.

Metal Designs—Send for prices. A. Hermann, 404-12 E. 34th St., N. Y.

Pots—Standard pots, which for strength and porosity combined are best on market.

A. F. Kohr, 1521-23 N. Leavitt St., Chicago.

Pots—Red standards, full size, and wide bottoms.

Detroit Flower Pot Mfg., 490 Howard St., Detroit, Mich.

Pots—Red standard; azalea pots. The Keller Pottery Co., 213-223 Pearl St., Norristown, Pa.

Pots—Before buying, write for prices. Geo. Keller & Son, 361-63 Herndon St., near Wrightwood Ave., Chicago.

Pot Hangers—Kramer's pot hangers. Fit all standard size pots from 2 to 10 inches in diameter. Price with wire chain, \$1 per doz. by express. Sample dozen by mail, \$1.25. I. N. Kramer & Sons, Cedar Rapids, Ia.

Pots—Red pots. Sample pot and price list on application. C. C. Pollworth Co., Milwaukee, Wis.

Pots—Syracuse red pots, best clay. Syracuse Pottery Co., Syracuse, N. Y.

Pots—Standard flower pots. We can save you money. W. H. Ernest, 28th and M Sts., Washington, D. C.

Pots—Standard flower pots. The Whildin Pottery Co., Philadelphia, Pa.; Jersey City, N. J.; Long Island City, N. Y.

Pots—Pots of all kinds. A. H. Hews & Co., No. Cambridge, Mass.; Long Island City, N. Y.

Printing—Regan Printing House; large runs of catalogues our specialty. Write for figures. Regan Printing House, 83-91 Plymouth Place, Chicago.

Ribbon—Ribbon specialists. M. Rice & Co., 918 Filbert St., Philadelphia.

Seed Bags—For the trade. Full line in Manila, white, amber or colored laid papers. The Brown Bag Filling Machine Co., Fitchburg, Mass.

Seed Cases—Heller's mice proof seed cases. Heller & Co., Montclair, N. J.

Shipping Boxes—Folding cut flower boxes. Holton & Hunkel Co., Milwaukee, Wis.

If you do not find what you need in our Ready Reference Department, write us about it.

Shipping Boxes, Etc.—Cut flower boxes, waterproof, corner lock style. No charges for printing on orders above 250 boxes. Cash.

Livingston Seed Co., Columbus, Ohio.

Stakes—We can save you money on galvanized wire rose stakes and tying Igos Bros., 226 N. 9th St., Brooklyn, N. Y.

Supplies—Manufacturers and Importers. M. Rice & Co., 918 Filbert St., Philadelphia, Pa.

Supplies—Importers, jobbers, manufacturers of florists' supplies; western leaders.

C. C. Pollworth Co., Milwaukee, Wis.

Supplies—Makers of wire designs and florists' supplies. Cleveland Cut Flower Co., Cleveland, O.

Supplies—Prepared fan palm leaves, \$12.50 per 1,000; palm fiber, birch bark, corn bark, moss, artificial flowers, vines and leaves. All kinds of palms. Clare & Scharrath, 170 Madison St., Chicago.

Supplies—Tomato and plant supports of heavy galvanized wire; will not rust. Model carnation supports, galvanized rose stakes and tying wire. Igos Bros., 226 N. Ninth St., Brooklyn, N. Y.

Supplies—Cape flowers, cycas leaves, metal designs, and all florists' supplies. A. Hermann, 412 E. 34th St., New York.

Supplies—Seed pans, standard flower pots, cylinders for cut flowers, hanging baskets, lawn vases, etc. Hilfinger Bros. Pottery, Ft. Edward, New York.

Supplies—Florists' wire designs and supplies. Emil Steffens, 335 E. 21st St., New York.

Supplies—Importers and manufacturers of florists' supplies. L. Baumann & Co., 78 Wabash Ave., Chicago.

Supplies—Importers and manufacturers of florists' supplies. Reed & Keller, 122 W. 25th St., New York.

Tobacco Stems—Fresh tobacco stems, \$1.50 per bale of 300 lbs.

W. C. Beckert, Allegheny, Pa.

Toothpicks, Wired—\$1.50 per 10,000, \$6.25 per 50,000. W. J. Cowee, Mfg., Berlin, N. Y.

Vases—Iron reservoir vases and lawn settees. Manufactured by McDonald Bros., Columbus, O.

Wire Work—None made as good at our prices.

C. C. Pollworth Co., Milwaukee, Wis.

Wire Work—E. H. Hunt, 76-78 Wabash Ave., Chicago.

Wire Work—Best work, lowest prices. Located in Flower Growers' Market. Howe & Taylor Mfg. Co., 60 Wabash Ave., Chicago.

Wire Work—Largest wire work makers in the west.

E. F. Winterson Co., 45-47-49 Wabash Ave., Chicago.

Construction Materials, Boilers, Etc.

Boilers—The Pierson boiler for water or steam; a coal saver. Adapted to use any kind of fuel.

The Pierson-Sefton Co., West Side Ave., Jersey City, N. J.

Boilers—Boilers and boiler tubes. Chicago House Wrecking Co., W. 35th and Iron Sts., Chicago.

Boilers—Get our prices. Metropolitan Material Co., 1398-1408 Metropolitan Ave., Brooklyn, N. Y.

Boilers—Hitchings New Mogul boilers for hot water or steam. Hot water radiation from 4,200 square feet and up. Steam radiation from 2,500 square feet and up. Horticultural architects and builders. Hitchings & Co., 233 Mercer St., New York.

Boilers—Boilers of high grade for greenhouses. Steam and hot water. Giblin & Co., Utica, N. Y.

Boilers—Improved greenhouse boiler, made of best material, shell, first box sheets and heads of steel, water space all around (front, sides and back). Kroeschell Bros. Co., 45 Erie St., Chicago.

Boilers—Send for prices and catalogues. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Boilers—"Entirely satisfactory." That's what prominent florists say of the celebrated Furman boilers. Particularly well adapted for greenhouse heating. Write for illustrated catalogue and special florists' prices.

The Herendeen Mfg. Co., Dept. Am., Geneva, N. Y.

Boilers—Gurney heaters, heat by steam or hot water. Gurney Heater Mfg. Co., 111 5th Ave., N. Y.; 74 Franklin St., Boston.

Boilers—Water tubs steam boiler. King Construction Co., N. Tonawanda, New York.

Boilers—About "Burnham" boilers. Write today to our New York office for our greenhouse heating and ventilating catalogue. Lord & Burnham Co., St. James Bldg., 1133 Broadway. General office and works, Irvington-on-Hudson, N. Y.

Boilers—New and second hand; 2 second hand steam, \$35 each. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Building Material—Greenhouse material and hotbed sash of Louisiana cypress and Washington red cedar. A. Dietsch Co., 615-21 Sheffield Ave., Chicago.

Building Material—Cypress sash bars, Tennessee red cedar posts, pecky cypress benches, hot-bed sash and frames, ventilating apparatus, pipe, fittings and all supplies needed in new or reconstruction work. Illustrated catalogue sent postpaid. Foley Mfg. Co., 471 W. 22d St., Chicago.

Building Material—Lumber for greenhouse benches. Ship lap, drop siding, sheathing, flooring, white cedar posts, etc. We are in special position to furnish "Pecky Cypress"; everything in pine and hemlock building lumber.

Adam Schillo Lumber Co., Cor. Weed St. and Hawthorne, Chicago.

Building Material—Gulf cypress greenhouse material. Hot bed sash. We furnish everything for building. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Building Material—Cypress is far more durable than pine. Cypress sash bars up to 32 feet or longer. Greenhouse and other building material. Men furnished to superintend erection when desired.

The A. T. Stearns Lumber Co., Neponset, Boston, Mass.

Building Material—Every type of greenhouse manufactured, also all greenhouse fittings.

The Pierson-Sefton Co., West Side Ave., Jersey City, N. J.

Building Material—Greenhouse material of any description.

John C. Moninger Co., 412-22 Hawthorne Ave., Chicago.

Building Material—Our designs embody best features greenhouse construction; best grade gulf cypress used. Red cedar posts, iron fittings, hotbed sash. Lockland Lumber Co., Lockland, O.

Building Material—Material from World's Fair, hothouse sash, pipe, 100,000,000 feet of lumber, sash and doors. Chicago House Wrecking Co., W. 35th and Iron Sts., Chicago, or World's Fair Grounds, St. Louis.

Building Material—Write for prices on Gulf cypress building material. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Glass—Importers and jobbers; greenhouse glass a specialty. Window glass The James H. Rice Co., 80-82 Wabash Ave., 34-40 So. Water St., Chicago.

Glass—Window glass. Greenhouse glass a specialty. H. M. Hooker Co., 59 W. Randolph St., Chicago.

Glass—French and American "White Rose" brand. Stenzel Glass Co., 2 Hudson St., New York; 101 Portland St., Boston.

Glass—Roofing glass, etc. Chicago House Wrecking Co., W. 35th and Iron Sts., Chicago.

Glass—Good brands, quick shipments, large stock; warehouse on railroad switch. Be sure and get our prices. Sharp, Partridge & Co., 22d St. and Union Place, Chicago.

Glass—Glass at wholesale. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Glass—Tank window glass. Hothouse glass a specialty. D. C. Cunningham Glass Co., Pittsburg, Pa.

Glass—New American, 50 sq. ft. to box; all standard dimensions. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Glass—Thousands of feet of glass suitable for greenhouses and hot beds. Garden City Wrecking & Lumber Co., 47th and Loomis Sts., Chicago.

Glass—Plate and window glass. Greenhouse glass a specialty. Sprague-Smith Co., 205 Randolph St., Chicago.

Glazing Points—See the point? Hold glass firmly. Peerless glazing points are the best. No rights or lefts. Box of 1,000 points, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Greenhouse Construction—Eureka greenhouses the best and lowest in price. All houses erected at factory and shipped to purchasers with blue prints, photographs and plain directions so any person can put up.

Dillon Greenhouse Mfg. Co., Bloomsburg, Pa.

Gutters—New duplex gutter, only drip proof gutter on the market.

E. Hippard, Youngstown, O.

Gutters—Gariand's gutters will keep snow and ice off your glass. A sample of our gutter is on exhibition at Chicago Flower Growers' Market. Send for catalogue.

Geo. M. Garland, Des Plaines, Ill.

Gutters—Jennings improved iron gutter. Diller, Caskey & Co., Sixth and Berk Sts., Philadelphia.

Iron Fittings—Patent iron bench fittings and roof supports. Diller, Caskey & Co., 6th and Berk Sts., Philadelphia.

Iron Fittings, Etc.—Send for prices. Lockland Lumber Co., Lockland, O.

Oil, White Lead, Paint, Putty, Etc.—Metropolitan Material Co., 1398-1408 Metropolitan Ave., Brooklyn, N. Y.

Paint, Putty, Etc.—The Jas. H. Rice Co., 80-82 Wabash Ave., Chicago.

Paint, Putty, Etc.—H. M. Hooker Co., 59 W. Randolph St., Chicago.

Pipe, Pipe Cutters, Etc.—Pipe, stocks and dies, pipe cutters, Stillson wrenches, pipe vices, hotbed sash, etc. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Pipes, Iron Fittings, Etc.—Galvanized iron sash hinges, screw eyes, screw hooks, U bolts, galvanized turn buckles and wire. Fittings for purline and ridge supports.

Foley Mfg. Co., 471 W. 22d St., Chicago.

Pipes and Iron Fittings—S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, New York.

Pumps—Rider-Ericsson, second hand, \$40 up. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Pumping Engines—Two streams of water for 1 hour cost 2 cents if you use a Standard pumping engine. The Standard Pump & Engine Co., Cleveland, Ohio.

Steam Traps—Steam traps save coal. Return steam trap, used by up-to-date greenhouse men, returns condensed water from the heating coils in greenhouse. Have been in use over 30 years. Insures an even temperature.

Albany Steam Trap Co., Albany, N. Y.

Steam Traps—The Standard return steam trap has no equal for its simplicity of working.

E. Hippard, Youngstown, Ohio.

Steam Traps—Morehead traps insure free circulation in coils. Save fuel. American Blower Co., Detroit, Mich.

Ventilating Apparatus—Send for prices and catalogues.

S. Jacobs & Sons, 1365-1373 Flushing Ave., Brooklyn, N. Y.

Ventilators—We furnish high grade ventilating apparatus, raising the sashes in greenhouses and other buildings.

Lord & Burnham Co., 1133 Broadway, N. Y. General office and works, Irvington-on-Hudson, N. Y.

If you do not find what you need in our Ready Reference Department, write us about it.

Ventilators—The New Departure ventilating appliance, cheapest and best. If you doubt, try it and be convinced.
J. D. Carmody, Evansville, Ind.

Ventilating Apparatus—Send for circulars.
Diller, Caskey & Co., Cor. 6th and Berk Sts., Philadelphia.

Ventilators—Evans' improved Challenge ventilating apparatus.
Quaker City Machine Works, Richmond, Ind.

Ventilators—The Standard ventilating machinery; original machine with self-oiling cups; most powerful, least complicated, very compact.
E. Hippard, Youngstown, O.

Ventilators—Hand ventilators, etc.
The King Construction Co., N. Tonawanda, N. Y.

BOOKS FOR FLORISTS.

The time is coming along when these are needed and opportunity at hand for reading them. Every one of the following should be in your library.

Send prices quoted and we send the books.

CELERY CULTURE (Vaughan).—The important subject of celery culture is thoroughly covered in this illustrated pamphlet of 59 pages. The florists raising young plants of celery and those who grow the plants to maturity will alike find it valuable. 50 cents.

FUMIGATION METHODS (Johnson).—A practical treatise on cheap and effective means of destroying insect pests. Handsomely bound and profusely illustrated. 250 pages. \$1.00.

HOW TO GROW CUT FLOWERS (Hunt).—The only book on the subject. It is a thoroughly reliable work by an eminently successful practical florist. Illustrated. \$2.00.

LANDSCAPE GARDENING (Maynard).—The development of landscape art within the past few years compels the wide awake florist to keep posted on this branch of the business. The many suggestions of this book will be found helpful every business day. It contains 338 pages, 165 illustrations. \$1.50.

CABBAGES, CAULIFLOWER AND ALLIED VEGETABLES (Allen).—The requirements of the important vegetables of the cabbage tribe are given here very fully. The book also contains interesting chapters on seed raising, insect pests and fungus diseases common to these plants. 50 cents.

MUSHROOMS: HOW TO GROW THEM (Falconer).—The only American book on the subject, 29 illustrations. Written by a practical mushroom grower who tells the whole story so tersely and plainly that a child can understand it. This book has increased mushroom growing in this country three fold in three years. \$1.50.

THE ROSE—Its cultivation, varieties, etc. (H. B. Ellwanger).—A complete guide of the cultivation of the rose, together with the classification of all the leading varieties. \$1.25.

HEATING AND VENTILATING BUILDINGS (Carpenter).—This book covers the entire subject most fully. In the preparation of heating and ventilating plans, it will be found a most valuable guide. \$4.00.

SUCCESS IN MARKET GARDENING (Rawson).—Written by one of the most prominent and successful market gardeners in the country, and who has the largest glasshouses for forcing vegetables for market in America. Outdoor and indoor crops are treated. Illustrated, \$1.00.

STEAM HEATING FOR BUILDINGS (Baldwin).—Contains valuable data and hints for steam fitters and those who employ this method of heating. The 350 pages are fully illustrated. \$2.50.

THE HORTICULTURISTS' RULE-BOOK (L. H. Bailey).—Contains information valuable to all those engaged in any branch of horticulture. Illustrated. 312 pages. 75 cents.

PRACTICAL FLORICULTURE (Peter Henderson).—A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. \$1.50.

GINSENG (Kains).—At the present time when so much interest is taken in ginseng, it will be interesting to peruse this volume, which tells all about the plant in a way that all may understand. The 144 pages are freely illustrated. 50 cents.

THE PRINCIPLES OF FRUIT GROWING (Bailey).—The entire subject of fruit culture is treated very thoroughly in this illustrated volume of 516 pages. It is a book that no up-to-date fruit grower can afford to be without. \$1.25.

CHRYSANTHEMUM MANUAL (Smith).—By an expert who has given his undivided attention for twenty years to the improvement of the chrysanthemum and its culture in detail. Profusely illustrated. 25 cents.

HOW TO MAKE MONEY GROWING VIOLETS (Saltford).—This is by a practical grower who has made a success of the business. No grower of violets can afford to be without it. 25 cents.

LANDSCAPE GARDENING (Waugh).—This is a very useful little book on the art of landscape gardening. It will be found exceptionally valuable to amateurs, as it covers in detail the numerous problems that come to the owners of small gardens. It is freely illustrated and the pictures have been chosen with a view to informing the reader rather than decorating the book. 50 cents.

HEDGES, WINDBREAKS, ETC. (Powell).—A treatise on the planting, growth and management of hedge plants for country and suburban homes. A volume of 140 pages, with twenty-two illustrations. 50 cents.

ASPARAGUS (Hexamer).—A practical treatise on the planting, cultivation, harvesting and preserving of asparagus, with notes on its history and botany. This book is mainly devoted to the culinary kinds of asparagus, but there is also some reference to the ornamental species. 50 cents.

THE GOLDFISH (Mullert).—A number of florists find goldfish an attractive and paying addition to their business. The best advice is given in every department of the subject, including construction and care of the parlor aquarium, in this volume of 160 pages, handsomely illustrated. \$2.00.

LANDSCAPE GARDENING (Waugh).—This is a very useful little book on the art of landscape gardening. It will be found exceptionally valuable to amateurs, as it covers in detail the numerous problems that come to the owners of small gardens. It is freely illustrated and the pictures have been chosen with a view to informing the reader rather than decorating the book. 50 cents.

GREENHOUSE CONSTRUCTION (Taft).—It tells the whole story about how to build and heat a greenhouse, be it large or small, and that too in a plain, easily understood, practical way. It has 118 illustrations. \$1.50.

HANDY MANUAL (J. W. Johnson).—A new work, fully illustrated with plans, etc., on greenhouse heating and ventilating, by a practical steam and hot water heating engineer of long experience. Replete with valuable information. 125 pages. \$1.00.

THE AMERICAN CARNATION (C. W. Ward).—A complete treatment of all the most modern methods of cultivating this most important flower. Illustrated. \$3.50.

American Florist Co.,

324 Dearborn Street,

CHICAGO.

Cleveland, O.

The Easter rush is over and everybody seems satisfied generally. The demand was equal to that of other years and in some lines an increased demand was noticed. Ramblers sold better, also hydrangeas; lilies were in great demand, and sold out almost entirely; all sizes of azaleas sold well. All varieties of stock as a general rule were exceptionally fine, the cold weather of the previous week having made it possible to hold plants back in good condition. The business was all done on Saturday, Friday being wet and cold. The grand rush started early in the morning and kept up until midnight. In the cut flower line, carnations were of very short crop, there not being half enough to supply the demand. Violets could not be had in quantity; the shortage was the worst in this market for many years.

The window decorations were very fine. The J. M. Gasser Company had an exceptionally unique and beautiful window, executed by William H. Jones, head decorator. It represented a rustic bower, the floor and rustic seats being covered with green moss. The roof consisted of a wistaria vine, the long flower panicles drooping down in the most artistic fashion on all sides. Canaries flitted hither and thither through the foliage, producing a most charming effect.

The wholesale trade came with a rush the latter part of the week. Out of town orders were good. All were filled satisfactorily with the exception of violets and carnations. Roses were in good supply and sold well.

ECHO.

Columbus, O.

The largest Easter trade ever known in the history of the trade in this city can truly be said of this year's holiday business. Rain and bad weather in general made matters look rather uncertain Thursday and Friday before Easter, but on Saturday there was a making up of lost time and all the accumulated stock moved at good prices. There was a good demand for specimen pot plants, which seemed to be in very best of condition with all the florists. The cut stock was also in fine condition and the usual complaints after Easter were unheard. Violets sold at \$2 per 100. There was a good supply of these, the quality of which was the very best. Mr. Groff, who had been on the sick list, was able to attend to his Easter trade.

CARL.

Washington.

THE EASTER MARKET.

There was no cause for complaint over the quantity of stock disposed of and the prices received. Some of the retailers loaded up pretty heavily with stocks of extra large plants which, as a rule, did not sell as well as in former years. This was doubtless due to the lateness of the season, many of the best customers having left town. The pot stocks that sold best were those that were offered at from \$2 to \$5. As usual there was a great demand for lilies and the prices for the best stock were pretty well maintained at 25 cents per flower. Hydrangeas sold well at from \$1.50 to \$5, according to size. The smaller sizes of azaleas offered at from \$1.50 to \$3 also sold well. Spireas were over plentiful and many were left over. Small plants in pans, such as hyacinths, etc., moved well. American Beauty roses brought from \$9 to \$12 per dozen; Bride, Bridesmaid, Golden Gate, Ivory and Carnot \$2.50 to \$4 per dozen for choice stock. A large amount of inferior stock was left over, partly due to the enormous amount of purple lilac (outdoor stock) which was dumped on the market for a song. There was a scarcity of carnations, the best varieties costing \$1 per dozen, wholesale, and being none too plentiful at that price. The common kinds retailed freely at from 75 cents to \$1 per dozen. Violets sold well at from \$1 to \$2 per 100, many of them of poor quality, but the demand was good.

TRADE NOTES.

The market dealers are cramped for room in which to make a good display, but they made the most of their opportunities. On Saturday, April 22, the stalls of F. H. Kramer, Alex. B. Garden, the American Rose Company, R. Bowdler, Milton Thomas, and others presented a very pleasing spectacle. These dealers carried fine stocks of plants and cut flowers and did a good business.

In addition to the largest store in the city, A. Gude & Brother have large greenhouses. The people know this, and so they just have to show up something good for the holidays. Their immense stock of fine lilies sold well and they were well stocked with everything, including a fine showing of American Beauty and other roses.

George H. Cooke carried a very select stock; his combination baskets of heather and Adiantum farleyense decorated with ribbons were very attract-

ive. In the center of his store he had a hydrangea, in a tub, bearing over thirty blooms. His bougainvilleas, genistas, Crimson Rambler and azaleas were very fine.

The Bayersdorfers, of Philadelphia, have offered a prize for the best specimen of flag work in immortelles to be exhibited at the convention show. The employes of A. Gude & Brother's store have also \$50 with which they will back their flag artist against all comers.

J. H. Small & Sons had a very large stock of choice plants. In combinations and decorative work they excel, and this Easter was no exception regarding the beautiful things they had to offer.

George C. Shaffer leased a large store room near his corner store for an annex and filled it with fine stock. The size and beauty of his azaleas and hydrangeas were noticeable.

J. Louis Loose had two of the finest show windows in the city, the work of Fred Wolfe. Mr. Loose had also an immense stock of plants and cut flowers.

John Robertson was so busy that he says he now thinks of taking a vacation. From this it is inferred that he made a plant.

J. R. Freeman as usual showed up well in plants, he being a plantsman of note. This year his cut flowers were extra fine.

Wallace W. Kimmel at his new store at Thomas Circle had a good stock and a good trade and is well pleased with his venture.

Mayberry & Hoover carried a good Easter stock and in addition to their store trade had several fine church decorations.

Miss Robena Faulkner, formerly of Kansas City, has been serving as cashier in Kimmel's store during the Easter rush.

Z. D. Blackstone had a fine line of combinations with hydrangeas, Rambler and genistas as the leading features.

S. E.

Providence, R. I.

EASTER CONDITIONS.

On the whole this Easter business was a shade better than 1904, although increased plant deliveries made things assume a busier aspect. The weather was ideal. In some quarters the demand for flowers was ten per cent less than last year, but an increase of fifteen per cent and more was reported on pot plants. In fact the latter sold so well

that they more than offset the loss on the demand for cut flowers.

Roses were good and reasonable at 4, 6 and 8 cents for popular quality. Violets were almost nil as to quantity, and the same could be observed about the quality; the wholesale price averaged \$1 per 100. Double daffodils were somewhat shy in number, but good Emperor and Empress wholesaled for \$3 per 100. Tulips marketed at \$2 per 100 mostly. Carnations were of splendid quality and wholesaled at \$2 to \$3 in most quarters, although some growers asked the ridiculous price of \$5 per 100 and received it for a limited time from the "easy marks." On Saturday things assumed proper proportions, with the result that these flowers dropped to \$3 and some fine white pinks had hard work to keep moving at \$2 per 100. The store men carried over considerable numbers of these, although the carnation demand was the great call, as usual.

Lilies in pots were made a selling card by the department stores at 10 cents per flower, each store vying with the others in an endeavor to attract trade; this made considerable commotion among the retail florists, but after thoughtful consideration they apparently decided not to antagonize the cut rates, and the results showed the wisdom of such a move, for the regular stores were indirectly influenced by the newspaper advertising given the lily, and a strong demand from regular sources managed to clean up all salable stock at an average of 20 cents per bloom for best quality.

At the regular meeting of the Rhode Island Horticultural Society, April 19, William Appleton was elected to succeed the late Farquhar Macrae, for whom a brief memorial service was held and suitable resolutions to his memory framed. A. Hixon, Worcester, Mass., secretary of the Worcester County Horticultural Society, addressed the meeting on "Fruit Culture and Marketing."

M.

ROCKLAND, MASS.—A Boston man has bought the Phil. McGovern place on Central street and has begun setting out stock, his intention being to enter the greenhouse business.

BRIDGEPORT, CONN.—The warm spring days have been a severe handicap to the majority of florists here, necessitating the use of a dark room to retard the growth of their Easter stock.



HAMMOND'S SLUG SHOT FOR POTATO BUGS AND CURRANTS.

TO THE EDITOR OF AMERICAN GARDENING:

In your issue of June 18, on page 399, I notice a good article on the Colorado Beetle or Potato Bug. For the benefit of your numerous readers I would advise them to try Hammond's Slug Shot. I have used it here this season, with excellent results, on Potatoes, Egg Plants, Cucumbers and Squash,—for Potato Bugs, and also for Striped Beetles, and it is the best remedy I know of, simple and effective. I purchased two of the Dusters which he advertised in your paper, and they are very useful articles. The best time to dust the plants is early morning, as the substance adheres much better when the dew is on. A light dusting

is sufficient, and woe betide the bugs or the larvæ. Once they get a taste of it they shrivel up right away.

Sold by Seed Dealers and Merchants all over America.

GEORGE STANDEN, Gardener to Col. D. S. Lamont, Millbrook, N. Y., 1904.

Send for Pamphlet on Bugs and Blights to BENJ. HAMMOND, Fishkill-on-Hudson, N. Y.

BEST
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Cheapest
ALL-ROUND
INSECTICIDE
on the Market.

ROSE LEAF
EXTRACT
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TOBACCO
INSECTICIDE

For Sale by
Seedsmen.
For Free
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The Kentucky
Tobacco
Product Co.,
Lentville, Ky.

Aug. Rhotert, Importer, 26 Barclay St., New York.

—HEADQUARTERS FOR—
CHOICEST EARLY and LATE FORCING LILY of the VALLEY PIPS.

BRANDS

<p>MULTIBELL BEROLINA POLARIS HANSA</p>	<p>Early Forcing Berlin Pips. Late Forcing and Cold Storage Hamburg Pips</p>
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GROWN BY MR. E. NEUBERT, WANDSBECK, GERMANY.

Please mention the American Florist when writing.

European Horticulture.

(FROM THE GERMAN TRADE-PAPERS.)

DAHLIAS.—The German Dahlia Society held its first annual meeting in Hanover, February 5, 1905. In discussing the merits of new varieties the following facts worthy of note were brought to light: Reports from all parts of Germany showed that of all the novelties in dahlias introduced in the last few years those raised in England proved far superior to any that originated either in Italy, France or Germany; that most of the Italian introductions refused to bloom at all in Germany; that the flowers of most varieties were exceedingly short-lived, but that the varieties Ruby, Gloriosa, Hohenzollern, Kriemhilde, Rosine, Galliard and Victor von Scheffel were exceptions to this rule, their blooms, after being cut, lasting for many days. Of the newer English varieties the following were proclaimed the finest: Dainty, Ibis, Queen Alexandra, Charme, Rainbow, Sweet Nell, Sceptre, Miss T. Cherry, Winsome, Etna, Princess and Clarence Webb. Only cactus dahlias were considered.

A FLOWER FAMINE.—A great scarcity in all the lines of cut material gave cause to widespread complaint in all parts of Germany through the mouths of last fall and winter. The prices for those flowers that could be obtained were three and four-fold of those usually asked and paid during the winter. The reason for this dearth is to be found in the unusual hard winter experienced in Italy the source of supply, which destroyed the crops.

HELLEBORUS NIGER FOR FORCING.—German growers assert that *Helleborus niger*, the well-known Christmas rose of the people, could be made to yield good profits as a subject for the forcing-house, either for its blooms alone or grown as an early flowering market-plant in pots. To do this well it is necessary to make use of such plants that have been especially prepared for this culture, by having been potted up a year previous to forcing and kept in their pots until fully established. Such plants may then be flowered in any cool greenhouse with conditions suitable for the culture of violets. Those that have given these plants a thorough trial claim that, either in pots or planted in a bench, *Helleborus* so prepared will produce an immense crop of the finest blooms for Christmas which sell at excellent prices. Of *Helleborus* there are now several new and improved forms.

NEW ROSE GRAND DUCHESS ALEXANDRA.—Last summer at Dusseldorf and since then at Frankfort-on-the-Oder the new white Rose Grand Duchess Alexandra captured the first prize as the finest novelty in roses of the fifty new varieties exhibited. It is a cross between *Merveille de Lyon* and *Kaiserin Augusta Victoria*, the only one of seven seeds that germinated. As compared with *Kaiserin Augusta Victoria*, which it resembles in some respects, it is found that its habit of growth is much stronger, the leaves larger and firmer in texture, that the flowers although the same as to color and fragrance, are larger and of an ideal shape in the bud form. It opens fine in all sorts of weather and does not, like the flowers of *Kaiserin*, spoil in cold and wet weather. The stock will be sent out in a few years.

NEW JAPANESE AZALEAS.—Messrs. P. van Noordt & Sons, Boskoop, Holland, are in possession of the entire stock of a pure white, large flowering and entirely hardy azalea. Some years ago, when unpacking a consignment of new plants from Japan, they found a ripened seed on an *Azalea Japonica*, one of the plants in the collection. This seed was duly taken care of, planted and the plant nursed into size. When it bloomed the first time it became the object of surprise and admiration, not only to its owners, but to growers and azalea specialists from far and near. It proved to be an entirely new type of azalea, most beautiful in its snow-white mantle of bloom, faultless in form and structure, thoroughly hardy and the most easy to force of any *Azaleas* on trial. It will be some time before any plants of this new form will be offered to the trade.

LILIUM PHILIPPINENSE.—But slight recognition has been given *Lilium philippinense* a lily from the Philippines, introduced into England in 1878, until recently, when its many good qualities made a way for it to the front as a lily commercially of great value. It is hardy, sound and healthy and fine for forcing, requiring but half the time to be brought into bloom that is needed in forcing *Lilium longiflorum*. These requisites alone should gain for it a prominent place in the short list of lilies suitable for forc-

ing. But it is also claimed that the flowers last much longer than those of other species and that their odor, a sweet, gardenia-like fragrance, is unlike that of any other lily.

DUTCH HYACINTHS.—At a recent meeting of the Berlin Horticultural Society a discussion on the subject of hyacinth forcing revealed the fact that very large bulbs of Dutch hyacinths did not prove as satisfactory for forcing as the medium sized bulbs. It was believed that the new process of curing the bulbs by artificial heat in buildings erected for the purpose, as practiced nowadays by Holland growers, had much to do with this. Formerly, when the crops of bulbs were cured and dried in open sheds outdoors under slow, but natural conditions, the large sizes dried out more thorough, inside as well as on their outer surface, while, under present methods, the inner core of the large sized bulb is only partially ripened. This defect, it is said, will make such bulbs nearly unfit for early forcing.

MORE LIGHT ON THE CULTURE OF ADIANTUMS.—All the varieties of maidenhair ferns, usually forced for their fronds—says an expert in a note to a German paper—should be grown in a light and dry house during the winter, instead of being cultivated in a moist and partially shaded hot house, as is the common practice. The greatest enemy encountered in adiantum culture is a fungus, which destroys the new, undeveloped fronds. By giving these ferns the full light in winter and a comparatively dry atmosphere, no trouble with fungus will be experienced, says the writer.

A SEASON OF NEW ROSES.—Last season has been a most fertile one in the production not only of new, but also most valuable roses in nearly all classes. Never before were so many novelties of real merit exhibited as last year.

PRIMULA ORCONICA.—By making sowings of *Primula orconica* at various times all through the year, the German growers of this charming plant are enabled to offer their customers this primula in bloom and in all sizes at all times. The plant is so great a favorite with the people, that the growers so far have experienced no difficulty in disposing of all the stock so raised.

THE FORCING OF AMARYLLIS.—The cut blooms of several varieties of *hippeastrum* are highly prized for high grade design work by European florists. Many of the principal cut flower establishments have gone into the forcing of *amaryllis* on a large scale, having given over entire ranges of hot houses to this culture.

NEW AZALEAS FOR VERY EARLY FORCING.—A most welcome addition to the meager number of varieties suitable for early forcing are the new Chinese *Azaleas* Clara Haas, Mme. Petrick and Mme. Rhotert, just sent out. The flowers of the two first named are of a light pink, those of the other variety of a deep rose color.

OLDEST BOUQUET ON EARTH.—In the museum at Cairo, Egypt, is to be seen a nosegay or a bunch of flowers found in the coffin of a mummy, in which flowers of corydalis, poppies, pomegranate, chrysanthemum and eriscas are plainly discernible.

GRAFTING CLEMATIS.—Those who grow clematises in large quantities to supply the trade, obtain their stocks by sowing seeds of the common clematis of the roadsides. The seeds are gathered as they approach ripeness, and are laid out on mats to become thoroughly dry, and then sown in pots. The seeds germinate quickly. Grafting is done the first week in March, when the seedlings are a year old; the plants are potted, placed in heat, and become established in six weeks, and are ready for sale in June, by which time they have made a growth of four feet or so. Those nursery firms who lay themselves out for propagating clematises for the trade, do so on a more or less large scale.

CANDYTUFF LITTLE PRINCE.—The candytufts are charming for beds, edgings, or pockets in the rockery. The evergreen candytuft (*Iberis sempervirens*) is often seen on old walls, where its pendant green shoots hang over the stonework like a great screen, and for months in the spring and summer they are starred over with myriads of glistening white flowers. Among the dwarf bedding candytufts there are pink, carmine, crimson, purple, and white varieties. A new variety is being sent out by Kent and Brydon, of Darlington, under the name *Little Prince*. They describe it as "a new dwarf white, of robust constitution, growing six inches high. When planted in masses it produces a splendid snow-like effect; and as a pot plant it will be of grand service."

Importation of Insect Pests.

The following is the full text of the new law enacted by Congress and approved March 3, 1905, prohibiting the importation or interstate transportation of insect pests and the use of the United States mails for that purpose:

Be it enacted, that no railroad, steamboat, express, stage, or other transportation company shall knowingly transport from one state or territory into any other state or territory, or from the District of Columbia into a state or territory, or from a state or territory into the District of Columbia, or from a foreign country into the United States, the gypsy moth, brown-tail moth, leopard moth, plum curculio, hop plant-louse, boll weevil, or any of them in a live state, or other insect in a live state which is notoriously injurious to cultivated crops, including vegetables, field crops, bush fruits, orchard trees, forest trees, or shade trees; or the eggs, pupæ, or larvæ of any insect injurious as aforesaid, except when shipped for scientific purposes under the regulations hereinafter provided for; nor shall any person remove from one state or territory into another state or territory, except for scientific purposes under the regulations hereinafter provided for, the gypsy moth, brown-tail moth, leopard moth, plum curculio, hop plant-louse, boll weevil, or any of them in a live state, or other insect in a live state which is notoriously injurious to cultivated crops, including vegetables, field crops, bush fruits, orchard trees, forest trees, or shade trees; or the eggs, pupæ, or larvæ of any insect injurious as aforesaid.

SEC. 2. That any letter, parcel, box, or other package containing the gypsy moth, brown-tail moth, leopard moth, plum curculio, hop plant-louse, boll weevil, or any of them in a live state, or other insect in a live state which is notoriously injurious to cultivated crops, including vegetables, field crops, bush fruits, orchard trees, forest trees, or shade trees, or any letter, parcel, box, or package which contains the eggs, pupæ, or larvæ of any insect injurious as aforesaid, whether sealed as first-class matter or not, is hereby declared to be nonmailable matter, except when mailed for scientific purposes under the regulations hereinafter provided for, and shall not be conveyed in the mails, nor delivered from any post-office, nor by any letter carrier, except when mailed for scientific purposes under the regulations hereinafter provided for; and any person who shall knowingly deposit, or cause to be deposited, for mailing or delivery, anything declared by this section to be nonmailable matter, or cause the same to be taken from the mails for the purpose of retaining, circulating, or disposing of, or of aiding in the retention, circulation, or disposition of the same shall, for each and every offense, be fined, upon conviction thereof, not more than five thousand dollars or imprisoned at hard labor not more than five years, or both, at the discretion of the court: PROVIDED, That nothing in this act shall authorize any person to open any letter or sealed matter of the first-class not addressed to himself.

SEC. 3. That it shall be the duty of the secretary of agriculture, and he is hereby authorized and directed to prepare and promulgate rules and regulations under which the insects covered by sections one and two of this act may be mailed, shipped transported, delivered, and removed, for scientific purposes, from one state or territory into another state or territory, and any insects covered by sections one and two of this act may be so mailed, shipped, transported, delivered, and removed, for scientific purposes, under the rules and regulations of the secretary of agriculture: PROVIDED, That the rules and regulations of the secretary of agriculture, in so far as they affect the method of mailing insects, shall be approved by the postmaster-general, and nothing in this act shall be construed to prevent any state from making and enforcing laws in furtherance of the purposes of this act, prohibiting or regulating the admission into that state of insects from a foreign country.

SEC. 4. That any person, company, or corporation who shall knowingly violate the provisions of section one of this act shall, for each offense, be fined, upon conviction thereof, not more than five thousand dollars or imprisoned at hard labor not more than five years, or both, at the discretion of the court.

"Blow east, blow west,
The world wags best,
For the man who does his work."

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—J. C. VAUGHAN, Chicago, president;
J. R. FREEMAN, Washington, D. C., vice-president;
WM. J. STEWART, 11 Hamilton Place, Room 11, Boston, Mass., secretary; H. B. BEATTY, Oil City, Pa., treasurer. Twenty-first annual meeting at Washington, D. C., August 15-18, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention and exhibition at Boston, 1906. PETER FISHER, Ellis, Mass., president; ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass. March, 1906. ALEX. MONTGOMERY, Natick, Mass. president; WM. J. STEWART, 11 Hamilton Place Boston, Mass., secretary.

AMERICAN PEONY SOCIETY.

Exhibition at Chicago about June 15. C. W. WARD, Queens, N. Y., president; ARTHUR H. FEWES, Newton Highlands, Mass., secretary. J. B. DEANUD, 51 Wabash Avenue, Chicago, exhibition manager.

Ready
Reference
Advertising,
Pages 727
to
732.

Window Boxes.

In New York.

The fondness for porch gardens, window and balcony boxes and tub plants is rapidly on the increase in many localities, particularly in New York city, where the roof gardens, hotels and similar resorts have been setting a good example by the use of palms, bay trees and decorative plant arrangements. It is only within a few years that this custom became noticeable. Its adoption may be credited in part to the introduction of the so-called natural prepared palms, dried and dyed objects that are repulsive to the plant lover, but which were taken up because they gave a semblance of verdure without the risk of damage to furniture by water or the expense of the purchase and care of fresh plants, and thus filled a useful place in getting the public accustomed to look for greenery in and about cafes and halls and helped to awaken the plant grower to the lucrative demand opening before him and the advisability of providing the means for its gratification.

In but few places of any account are the "natural prepared" contrivances now to be seen. In their place are handsome standard and pyramidal bay trees, luxuriant kentias, arecas, latanias and Boston ferns, in tubs or pots variously painted or covered in harmony with the wall finish and furniture of the apartment in which they stand. Around the walls in appropriate niches also are borders and fringes of decorative-foliaged plants, the pots screened behind lattice work or board finish corresponding with the trim of the room, and giving the effect of having been planted out permanently where they are, the covering of the surface with green moss completing the illusion. In all these things great care is necessary in order to have woodwork and carpets safe from possible damage by water or dampness, and ample metal receptacles for drainage must be provided. It is the custom generally to make a contract for a specified sum with a florist making a specialty of this work whereby the plants are furnished, cared for and replaced from time to time. Expert

men are employed who make the rounds daily and attend to all details required for the health of the plants. These men must needs know plant culture well and be sufficiently familiar to know what varieties will do well in certain places, as the less loss of plants and the less need of replacing, the more profitable the business will be, and an inexperienced or careless man can soon turn the transaction into a losing venture.

For windows, balconies, porches and the parapets of roof gardens the style of boxes used is as various as the architecture of the house, the tastes of the owner or the ingenuity of the manufacturer can suggest. Some are of elaborate workmanship, with inlaid tiles and carved wood; others are made of pine painted green and their cheapness hidden by luxuriant masses of drooping vines. Where the leakage can do injury or where the box itself is sufficiently valuable a zinc or tin lining is used. Some very pretty affairs are strong zinc pans set into a light frame work of fancy matting with bamboo handles. Others are of wire mesh sufficiently close-meshed to prevent the moss with which they are lined from coming through, and in these the plants are merely set, pots and all, and the pots concealed by moss. The people who take pride in adorning their residence fronts with these things are invaluable advance agents for the local florist, who should make it his business to encourage it by furnishing the right sort of filling and sound advice on their care, for it will not be long before imitators will be found on all sides and oftentimes the house fronts of an entire block, with few exceptions, are turned into a veritable parterre of green and bright color as the result of the successful missionary work of one flower lover.

The best material for filling window boxes is a question dependent upon location, exposure, etc. Vines are always essential, and among these English ivy, nasturtiums, maurandia and vineas take the lead in usefulness. As a rule variegated and other foliage

plants used in preponderance will give better satisfaction than flowering material which requires daily care for its welfare. Hard-foliaged things that will stand exposure to sun and neglect should be freely used. Aucubas, variegated euonymus, *Dracena indivisa* and *Chamarops excelsa* are examples of the most desirable plants. The latter is vastly superior, for this purpose, to the latanias, which are apt to get badly torn by the wind. In flowering plants there is an infinite variety to choose from, but as before mentioned, they should be selected with judgment unless assured of constant care all summer. Geraniums left to themselves soon grow long and lanky; fuchsias get weather-beaten and mignonette runs to seed unless cut. Hydrangeas are good, the flowers remaining a long period. Abutilons thrive and there is nothing more useful than the little variegated anthericums. Begonias are excellent for this purpose and so are the marguerites, white and yellow. In the early spring pansies and daisies may be used as a preliminary filling and a little cold weather will do them no harm. Hardy primroses make a particularly handsome spring display.

One of the finest examples of outdoor box-work is to be seen in the roof garden of the Union Club in New York city. The work was done by Marius Mutillod, who has, for the past seven years, been in charge of all the outdoor decorative work for C. A. Dards. Mr. Mutillod is a master hand at this business and in the case here instanced has scored a rare success. The finish of all the boxes, tubs and other receptacles in which the plants are placed is white birch bark trimmed with rough cork bark. From the roof garden the skyline formed by the plants has been made a special study and, whether by day or night, gives an effect at once artistic and impressive.

In Philadelphia.

The City Parks Association of Philadelphia is composed of public spirited citizens of both sexes whose object is to inaugurate and further all movements looking to beautifying the city. Through its instrumentality a number of vacant tracts both in the built-up and suburban districts have been purchased and set aside for park purposes.

The desolate condition of many of the blocks in the fashionable residence district during the summer months when the occupants are out of town caused the association to inaugurate a movement to have the window ledges of the houses decorated with boxes of plants, the care of which would be undertaken by the society at a nominal sum, while the occupants were away. The efforts were fairly successful, as at least one hundred boxes more or less elaborately fitted up and filled were used to decorate the house fronts in the center of the city. Many of them were ordered through this organization, as they offered to furnish boxes filled and put up as low as \$3 each. This was done in order that no one could object to the expense. Many of the boxes, however, cost twice this sum and were very pretty. As about half of them were placed in three continuous blocks they were quite close together and attracted considerable attention from the general public. They also received

favorable comments from the newspapers, which are always ready to lend their aid when properly approached.

It is thought that the decoration will be continued throughout the year, the boxes being filled with evergreens for the winter months. The accompanying illustrations give some idea of how the boxes look in position. It will be noticed that in most cases they are within the reach of the pedestrians and some of them low enough to be within touch of half grown children, but they all seem to have escaped molestation to any appreciable extent. In quite a few cases their growth was interfered with by the window awnings used on the north side of the street, but as far as possible these are only down when the sun is shining. It is thought that next



Window Boxes in New York.

summer there will be seen a large increase in this form of decoration, which it is hoped will become general throughout the city as it is in some of the large cities of Europe.

ROBERT KIFT.

Window Box Plants.

BEST KINDS AND THEIR NEEDS.

There are many plans adopted in the ornamentation of dwelling houses, hotels, club houses and public buildings; but it is questionable if anything is as effective as window boxes of plants, and certain it is that in large cities where there are few facilities for growing plants in any other way, the window box is a source of much enjoyment. These window boxes of plants not alone improve the appearance of

buildings as seen from the outside, but to the interior also they add a charm that patrons of hotels especially are quick to realize, and they are always unwilling to leave those beautified by such little bits of nature for others less home-like.

To residents of the suburbs of the large cities window boxes are a convenient form of decorating their homes, even if they have ground for the cultivation of flowers. Plants in the window and vines hanging gracefully down have an indescribable something about them that gives to the home that air of repose always lacking in bare buildings. In the country, too, window boxes are used and that very effectively. On some summer residences in Newport, R. I., as many as a hundred boxes are used.

Window boxes are made of course to fit the windows in length, with the depth and width varying from six inches to ten inches. Eight inches does very well unless very strong growing plants are used, which is not advisable unless with the object of screening something objectionable, and this can be best accomplished with vines.

Like most other arrangements of plants and flowers, window boxes are more effective if plants of one color only are used in each box, although the outer edge or border may be of a different color. For instance, a box filled mainly with scarlet geraniums may have a border of *Lobelia erinus speciosa* or *L. gracilis*, or better still, *Vinca major variegata*.

When something is wanted to grow up from the inside of the box, nasturtiums can be planted for the back row, or the seeds may be dropped in while the other stock is being planted in the boxes. The nasturtiums can be trained on a miniature trellis made by placing two stout wires fastened by staples to each end of the box, the wires to be left just as long as the desired height of the plants. From wire to wire run strings about four inches apart and up to the top. In this way a beautiful screen can be formed, in addition to having a box of plants with graceful, drooping subjects in front.

The soil for window boxes ought to be very good, something that will last. A mixture composed of three-fifths rotted turf, one-fifth well rotted manure, cow manure preferred, with the remaining fifth made up of sand and leaf mold, gives excellent results for plants in general.

There are many kinds of plants suitable for window boxes, but in the following list will be found those most likely to give the greatest satisfaction: Geraniums, abutilons, colouses, salvias, ageratums, *Dracena indivisa*, hydrangeas, fuchsias, achyranthes, sweet alyssum, mignonette, vincas, lobelia in variety, nasturtiums and petunias.

Of all the foregoing and even others that could be enumerated, none excels or even equals geraniums for results in window boxes, especially where there is no necessity for tall growing plants, and when there is such a necessity *Dracena indivisa* is a very good plant to use either exclusively or, say three in the middle of a box four feet long, with ageratum between and lobelia, nasturtiums or vincas for the outer row.

The boxes we sometimes see having in them what is called a center of one



WINDOW BOXES IN PHILADELPHIA.

(Five in a row, one over the gate.)

draecena is not artistic or decorative unless there are a number of them in a line or at least in close proximity. If a number of the boxes are arranged in this way the effect is not so jarring. A very pretty window box and an inexpensive one can be made of sweet alyssum and nasturtiums.

In planting window boxes, although overcrowding ought to be avoided, the plants ought to be close enough to very nearly hide the box and the soil. Great attention ought to be given watering, as so many plants confined in such a small space require what might be considered an inordinate quantity of water, especially in dry weather. Feeding with any animal manure liquid for window box plants is for obvious reasons out of the question. If any feeding is needed, some of the artificial preparations are best in this case.

As already intimated, window boxes of plants of one color are the most attractive and the most effective, and what perhaps counts for just as much, boxes made up ready for sale sell more readily if they show a blaze of color, and the color wanted in nine cases out of ten is red, either very bright or very dark. For one shade of red it is hard to beat Summit of Perfection for a semi-double geranium and General Grant for a single, with S. A. Nutt for another and darker shade of red.

DAVID MCINTOSH.

The Newspaper Standpoint.

The venerable artist in the Studio building in West Tenth street, who has four tomato plants with ripe vegetables upon them growing on a trellis on his

balcony, sets an example to his neighbors that, if followed all over the city, would transform it during the summer months as completely, and yet at as little expense, as a few Chinese lanterns and a rubber plant will transform a city roof at night. He has two kinds of tomatoes, the yellow and the red, and these with the green of the plant itself give his window frontage a living frame of the three most effective and most decorative colors. "I thought," he says, "it might be an object lesson to many who might have a tiny bit of ground and plenty of sunlight."

If the delight the passerby feels in the spectacle of plants and flowers on a window ledge could only be made effective in a resolution to adorn his own window ledge, New York would hardly be recognizable next year. For the architectural city beautiful we shall have to wait many generations and the favor of circumstances and long-sighted officials; but a city, beautiful every year during the months when plants put forth leaves and flowers, we may realize at once if we will. There is no point in bemoaning the absence of lawns, the scanty dimensions of door-yards, the prohibitive cost of every foot of street frontage. Venice, the most beautiful city in the world, is a city without lawns and almost without land. Some of the ugliest streets in the world, architecturally speaking, are absolutely delightful more than half the time by virtue of the window boxes set with geraniums, nasturtiums, begonias, vines or foliage plants, that beguile their grim exteriors.

As the report to the city art commission on "Civic Art in Northern Europe" remarks, "We are so accustomed to the dull, impressionless effect of city streets that even a small bunch of green, yellow, purple or red catches our eye at once and pleases us out of all proportion to its size." The pitcher of mignonette in the tenement's highest casement is "a garden in heaven sent to the little sick child in the basement." This is another matter in which the metropolis may well learn from Europe. Every tourist is familiar with the delightful effect of window boxes along the grimy streets of London. The cities of Germany and Austria have gone farther than English cities in this matter, Dresden farther perhaps than any city in the world. There a private society agitated for the general adoption of a plan to decorate yards, buildings and window ledges with plants, vines and shrubs. The officials were induced to decorate the municipal buildings. Prizes were offered for the best color schemes. Canvassers were sent out among the householders. The result was the transformation of the city.

Such a campaign might well be started here.—New York Mail and Express, Sept. 24, 1904.

ROCHESTER, N. Y.—The proceedings of the fiftieth annual meeting of the Western New York Horticultural Society have recently been issued and make a volume of nearly 200 pages. It contains many articles and discussions on horticulture and is sent to members only.



WINDOW BOXES IN PHILADELPHIA.
(Only four feet above the pavement.)

THE CARNATION.

Carnation Candace.

I am much impressed with this beautiful new pink carnation, and make the prediction that it will become one of the leading commercial varieties. I would advise all florists who are interested in carnations to visit the Indianapolis Flower & Plant Company and see this variety growing. It is a strong grower, very early, and seldom splits. It equals Lawson in stiffness of stem and excels it in length of stem and color which is a few shades lighter than Lawson. It is also a better shape, being symmetrical in outline and well built up in the center.

Candace is a production of John Hartje. Mr. Hartje gave us Jubilee and several other good ones. This variety was almost lost in its infancy and was saved only by a mere chance. Four years ago John Hartje planted out in the field several thousand seedling carnations, and in the fall filled his houses with the most promising varieties, leaving in the field with the poor ones a lot that had never bloomed. The same year Mr. Hasselman of the Indianapolis Plant & Flower Company built several new houses and was short several thousand plants. He made a proposition to Mr. Hartje to take his seedling carnations and divide the profits on all that proved better than those already on the market. In this lot just one plant of Candace appeared. It showed up well from the seedling plant from which twelve plants were propagated. The second year about two hundred plants were raised and the third year several thousand. Mr. Hasselman expects to propagate some 30,000 this year so as to have a large stock from which to select cuttings for the trade next year when Candace will be put on the market.

Mr. Hasselman has several other seed-

lings from this lot that look good. One of the Bradt order has the true clove pink fragrance. There is also a light pink that is producing a heavy crop now but did not bloom so well earlier in the season. W. W. COLES.

Fertilizer for Carnations.

ED. AMERICAN FLORIST:—

We have about 10,000 feet of glass under carnations and have great difficulty in getting cow manure from pasture, which we use with a turf soil, moderately heavy, and with very good results. Can we use bone meal and sheep manure instead and get as good results? If so, in what proportions?

BEGINNER.

Bone meal and sheep manure are used in quantity by a large number of

the principal carnation growers, not to take the place of cow manure, but in addition to it. Bone meal can be used in the soil when being prepared in proportions of seventy-five pounds for enough compost to fill the benches in a house 20 x 100 feet. Regarding sheep manure, I would not advise using this mixed through the soil, but would apply it as a mulch after the plants are well established, adding enough fresh soil to make the proportions of the mulch half soil and half manure. In my estimation sheep manure or bone meal do not take the place of cow manure for good, lasting results in growing carnations, neither are they as safe to use. If I were placed in this difficulty I would add some well rotted horse manure to the cow manure at my disposal. This, together with some bone meal and the moderately heavy soil, should form a compost capable of bringing forth the best results. C. W. JOHNSON.

Petroleum, Bench Depth, Ventilation.

ED. AMERICAN FLORIST:—

Would the application of crude petroleum to bench boards in any way injure carnations that were afterward planted thereon? Which is preferable, five or six inches depth for benches for carnations, the soil being medium light? Is an abundance of side ventilation recommended for carnations?

MASSACHUSETTS.

I have found that carnations do not do as well the first season after the bench boards have been treated with crude petroleum. My experience in this matter is that it does not allow the soil to dry out evenly, but after the first year, when the boards have thoroughly absorbed the petroleum, and the inside of the benches given a good coat of lime wash, there is less trouble from it.

We prefer five inches inside the benches for carnations and find this plenty deep enough. A medium light soil properly firmed at planting time is as good a material as any for carnations. The main things are to make sure that it is made good and firm when put into the benches, and to guard against it becoming spongy by overwatering.

The only time that we can recom-



WINDOW BOXES IN PHILADELPHIA.
(Photo taken June 10.)



WINDOW BOXES IN PHILADELPHIA.

(Hung low to avoid the signs.)

mend side ventilation for carnations is during hot, sultry weather in mid-summer on indoor growth stock, and not then if a strong wind is blowing. At all other times ample ventilation from overhead is preferable.

C. W. JOHNSON.

Varieties to Grow With Lawson.

ED. AMERICAN FLORIST:—

What two varieties of carnations, one scarlet and one white, will do best to grow in the same house as Lawson? What temperature should they have for best results?

SUBSCRIBER.

First, answering the difficult question of a good scarlet to grow with Mrs. T. W. Lawson, I may state that a good scarlet for any purpose is a rarity and I am anxious to see what the new ones being sent out this year and those to come next will be like. To get the best results from the variety Mrs. Lawson it requires a night temperature of 56° during the winter months, with a raise of 4° on cloudy days. Now, this high temperature is too much for any scarlet carnation of my experience, as it causes the flowers to come streaked and infested with thrips. The red sport of Mrs. Lawson being sent out this year, while it cannot be classed as a scarlet, is a nice soft red and, being in all other respects the same as Lawson, should prove a good one for the purpose. Regarding a good white for the same purpose, "Subscriber" cannot do better than plant White Lawson. Sometimes the temperature of the house varies and one part is cooler than the other. Should there be a difference of 3° or 4°, then Estelle or Flamingo can be planted in this cooler part to good advantage.

C. W. JOHNSON.

To Prevent Carnation Diseases.

At the Pittsburg convention of the American Carnation Society, February, 1893, Prof. Byron D. Halsted, of New Brunswick, N. J., read a paper on carnation diseases, giving various formulas for their prevention. The paper was

printed in the AMERICAN FLORIST and recently we have had so many applications for the formulas that we have concluded to reprint them herewith:

There are many of these mixtures for the prevention of fungous diseases of plants but the three that give the greatest promise are:

(1) POTASSIUM SULPHIDE SOLUTION.—Potassium sulphide, one ounce, water, ten gallons. The potassium sulphide is a solid costing fifteen cents a pound and is easily dissolved in the water as needed. In some cases it has been most convenient for me to dissolve the solid in a quart bottle and ask the gardener to pour out the required amount as needed for use. The application is by spraying thoroughly about once a week. The results have been so marked that in one instance a large grower of carnations after using this mixture for a season wrote me that he felt confident it had saved him a great deal and that if

generally used it would prove a blessing to all who are affected with carnation diseases. Possibly it would be a benefit when rust is the leading enemy.

(2) BORDEAUX MIXTURE.—Perhaps the best fungicide now in use in orchard and garden is the Bordeaux mixture. This is made as follows: Copper sulphate, three pounds; lime (unslacked), two pounds; water, twenty-two gallons. Dissolve the sulphate of copper in one vessel and slack the lime in another, then mix the two and dilute to the required strength. This is the so-called half strength Bordeaux mixture which has during the past season proved equally effective with the full strength in many instances, and for carnations will be strong enough. It is seen that this is a lime mixture and the foliage will be covered with a bluish white layer. But it is to be remembered that this does not differ greatly from the natural color of the carnation leaf and stem, and it is one that can be quickly removed from the portion sent to market. A weekly spraying of the plants with this Bordeaux mixture should prove remunerative in houses troubled with fungous enemies. The Bordeaux mixture is inexpensive, the copper sulphate (blue vitriol or blue stone) costing eight cents per pound.

(3) AMMONIACAL SOLUTION.—A third compound that does not have the lime and therefore gives the sprayed plants no marked coating is the ammoniacal solution of copper carbonate. Its formula is as follows: copper carbonate, five ounces; aqua ammonia (26), five pints; water, fifty gallons. The copper carbonate is first wet up with water into a paste and the ammonia slowly added until the solution becomes clear. This can be kept in a bottle and the required amount diluted as desired for spraying. The carbonate of copper costs thirty-five cents a pound and ammonia sixteen cents a quart, and therefore enough for spraying a large house weekly is a small bill of expense.

Taking all things into consideration it is probable that the three preparations above described are arranged in the order of excellence, the best being placed last.

Another Enchantress Sport.

ED. AMERICAN FLORIST:—

Noting your remarks on sports of Enchantress let me say that I have a pink sport of the above, just the Joost shade, which appeared this winter. It is an exact counterpart of Enchantress except in color, which when placed in a bunch of Joost, cannot be distinguished except for its size.

BYRON H. IVES.



CRASSULA HYBRIDA.—See page 696.



FINE KENTIA IN A 4-INCH POT.

Crassula Hybrida.

Crassula hybrida was a plant very much in demand at Easter. Though not new by any means, it has never been taken up as a worthy, all-around plant until recently. Always a popular plant in the London market, it has seemed to escape the attention of American florists, who have only now taken it up as a plant worthy of exclusive cultivation. The picture presented is of a plant in a 6-inch pot. Louis Dupuy, of White-stone, L. I., on one of his periodical trips to Europe was attracted by this plant when visiting a prominent flower market, and brought home with him specimens for propagation on this side. His belief that it would prove to be a good Easter plant on this side, easily grown and susceptible of forcing, was amply demonstrated in the big stock presented by him to the Easter market and quickly absorbed. Mr. Dupuy says that while the plant is somewhat slow in growth, it is easily cared for, and very prolific in cuttings, and has all the essentials looked for in a profitable plant. It will thrive under circumstances where other handsome plants would perish, and this quality makes it peculiarly suitable as a dwelling plant. Mr. Dupuy shows specimens kept dry in his house ten days, without apparent detriment. In the greenhouse, when watering, he is careful to see that the plants get their moisture from the base of the plant only, and from the bottom, leaving the foliage dry.

A Well Grown Kentia.

Under separate cover please find a photograph of a specimen of *Kentia Belmoreana*, which I think will give an idea of what kind of a plant may be produced in a small pot when given enough water. The plant is and has been for five years in a 4-inch pot with no change of soil or any application of fertilizer except plenty of cigar ashes. It has all these years been in my office under my own care, but, as I said, with the exception of water and tobacco ashes, it has had no special feeding. The plant has a spread of over five feet, which I think is quite remarkable for the size of pot in which it is grown.

AUG. S. SWANSON.

[The photograph is reproduced herewith.—Ed.]

California Lawns.

Lawns are made readily every month in the year in California, even in the hot season, says John R. Forster, of Los Angeles, by scattering over the surface after the ground is thoroughly prepared, and the seed sown, a mulching three-fourths of an inch deep of well rotted cow manure finely pulverized. This not only stimulates but shelters the young blades of grass. I have no doubt, he adds, that like success would follow this treatment in the eastern states, and sheep manure could be used as well as that above mentioned.

OWATONNA, MINN.—The Clinton Falls Nursery Company will occupy all three new houses this year.

BEARDSTOWN, ILL.—Frank Brothers are building three new houses, one rose house, 22x75 feet, one carnation house, 30x75 feet, and another house 9x75 feet. The J. C. Moninger Company is furnishing the material.

THE RETAIL TRADE**New York Wedding Decorations.**

Among the numerous Easter weddings in New York that of Miss Helen Tracy Barney to Archibald S. Alexander was most notable from a floral point of view. At the church, St. Bartholomew's, the floral decorations were grand in scope. The chancel was canopied with southern smilax enlivened with small electric lights enclosed within green petalites. Along the sides of the chancel were masses of genista backed by palms and other green plants. On the altar apple blossoms were used almost entirely. The main aisle of the church was canopied with smilax almost its entire length, the same decoration being used for the columns. Along the side aisles blooming Japanese quince in large clusters were used. A screen of smilax and spring flowers was used on the organ loft. Orange blossoms were prominent in the bride's dress trimmings, and she wore a coronet of orange blossoms. Her bouquet was of white orchids and orange blossoms. The flower girls carried bouquets of lily of the valley, and the bridesmaids' bouquets were of apple blossoms. After the ceremony the bridal pair held a reception at the home of the bride, the library being decorated for the purpose with fine flowered genistas. The breakfast following was served in a room in which the table reserved for the bridal party was decorated almost entirely with orange blossoms.

The wedding of Timothy L. Woodruff, a former lieutenant-governor of New York state, to Miss Isabel Morrison, was homelike in kind, although the floral decorations were sumptuous in character. The apartments of the bride's mother were decorated very largely with spring flowers and palms, white and purple lilacs predominating. The ceremony was performed under a bower of lilacs. The veil of the bride was fastened with orange blossoms and she carried a bouquet of gardenias and lily of the valley. The maid of honor's bou-



EASTER DISPLAY AT E. C. LUDWIG'S STORE, ALLEGHENY, PA.



SECOND VIEW EASTER WEDDING DECORATIONS.

(By Hess & Swoboda, Omaha, Neb.)

quet was of pink roses.

At the Seligman-Wentheim wedding the walls of the library in the residence of the bride's parents were covered with Easter lilies and apple blossoms. White orchids and lily of the valley formed the bridal bouquet. The ceremony was performed beneath a bower of apple blossoms.

At the Moody wedding the church decorations were lavish and composed of cherry blossoms and lilies. At the Marie Antoinette hotel the reception was held in a large room decorated almost entirely with white lilacs. The receiving party was stationed beneath a solid canopy of white roses hung with baby ribbon, a duplicate of the famous canopy used at the Newport wedding of Baroness Van Eyck. The decorations and canopy were arranged by Leikens.

In the bridal bouquets at the majority of Easter weddings white sweet peas, gardenias, orange blossoms, lily of the valley and orchids were most largely used.

Natural Flowers on Petticoats.

The capricious beauty who is convinced that diamond tiaras and steam yachts are requisite to a contented mind is now adding the new "flower petticoat" to this list of necessities, for it is beautiful and expensive enough to captivate her fancy. So far as making the material is concerned it does not vary much from any other skirt adapted to evening wear, for it is made of white silk, embroidered with roses or violets and festooned with flounces of real lace. The unusual feature about it, however, is that there are ribbons attached to the upper flounces which are designed to hold bunches of natural flowers every time the skirt is worn. Thus this dainty affair is able to radiate a fragrance so sweet and subtle that as yet the most skilled perfumer has been unable to imitate it.—New York Press.

New York.

MARKET VERY SLIGHTLY IMPROVED.

There is very little tone to the market. Cleaning up is not quite so difficult as last week, as shipments are lighter, a circumstance which about matches the scant buying. The season is sufficiently advanced to enable retail florists to secure large supplies of flowers, and at weddings and social affairs this material is largely used for decorations, consequently the cut flower business suffers. A little comfort is afforded the optimists in the fact that the weather at present is very cool, indeed cold, for the time of year, and inside grown stock somewhat shortened in supply, while outdoor produce is equally retarded.

American Beauty roses are selling a little better than last week, but there is a large quantity of poor stock arriving, much of it unworthy of a place in market quotations. Bride and Bridesmaid roses run a little better in quality, but that is not saying much, as mildew is very prevalent and otherwise fair blooms are handicapped by the appearance of the foliage. Carnations have shortened up somewhat, and while prices have evened it must be grand stock to bring 5 cents. Enchantress and Prosperity are somewhat behind in popularity compared with Lawson, and the latter move easier than other varieties, with the exception perhaps of Scott, which is taken freely. Bulbous stock is moving fairly well. A good deal of cold frame material is making its appearance, and of excellent quality, but prices run fairly well. Lily of the valley, which was short last week, is again in good supply and does not move so well. Sweet peas go well when of good quality, \$2 per dozen bunches being about the top price for extras. Lower grades bring 50 cents to \$1 per dozen. Lilies are plentiful and drag at quoted prices. Violets are getting near the end, and a lot of rubbish is coming in, which street men get for a song. The few of a good grade to be had move easily, but prices are not out of the way. Stocks are plentiful and bring from 10 cents to 25 cents per bunch, according to quality. Pansies are in fair demand, prices running from 35 cents to 50 cents per dozen bunches. Smilax continues rather scarce, but asparagus is plentiful. Galax leaves have advanced to \$1 per 1,000.

NOTES ABOUT TOWN.

Harry Hoffmeir, the upper Broadway florist, had a window this week which would put that of a Paris milliner to shame. A background of hybrid roses just budded enlivened by many jars of American Beauty roses was in itself a good decoration. In the foreground was displayed a collection of leghorn and other straw hats in the latest shapes approved by the fair sex, trimmed with natural flowers. As some



FIRST VIEW EASTER WEDDING DECORATIONS.

(By Hess & Swoboda, Omaha, Neb.)

sales of the hats were made, Harry is wondering whether he has not mistaken his vocation.

It is reported in a neighboring city that the *Hydrangea azurea* grown hereabouts is sold there under the name of "Alice Blue," the color being heralded as a new shade and matching that of Mrs. Roosevelt's inaugural gown. Whether or not there has been an influx of orders for the plant from Washington this week.

The evening of Monday, May 8, will be plant night at the Florists' Club. A good exhibition of bedding plants is expected and growers having novelties are particularly invited to exhibit. Other plants are also expected. Chairman Nugent of the house committee can be depended upon for entertainment of a popular kind.

The schedule is out for the fifth annual exhibition of the Horticultural Society of New York, to be held in the museum building of the New York Botanical Garden, Bronx park, May 10 and 11. For copies address Secretary Leonard Barron, 306 West 149th street, New York.

A meeting of the stockholders of the New York Cut Flower Exchange is called for Saturday, May 6. Four directors are to be elected to fill vacancies caused by the retirement of Wm. H. Siebrecht, George Golsner, Chas. Beckmann and John Anderson Leach.

On Easter eve robbers visited the plant of L. Barrett, Highwood, N. J., and carried away his Easter crop of carnations. The other florists in the place were also visited and a still hunt is now in progress for the thieves.

A prominent Broadway florist shows the Easter plant, *Crassula hybrida*, in his window, with a card bearing the legend, "A new and rare heather from Manila."

The Geller Florists' Supply Company has opened a store at 38 West Twentieth street, with Sigmund Geller in charge.

Thorley is showing white chrysanthemums in his windows.

Chicago.

MARKET CONDITIONS TROUBLESOME.

Owing to the expressmen's strike the market is in a very unsettled condition. Stock is coming in slowly, the commission men are sending to the depots for their goods, unpacking them there and wrapping them in paper. It is really unsatisfactory to everyone concerned. The prices are averaging low, the outside florists evidently using other markets as much as possible.

A meeting of the commission dealers was held May 3, at the office of the Bentley-Coatsworth Company, to discuss ways and means of facilitating out-of-town shipments. A committee of three, consisting of F. F. Bentley, Flint Kennicott and A. L. Randall, was appointed to confer with the various express companies in regard to the matter. At a meeting of the dealers May 4 arrangements were made to send the following letter to the various express companies:

Until further advised, please deliver no shipments whatever to us, and we will hold your company free from any loss which may occur by reason of the carrying out of this request. If possible, it would assist us greatly if you would notify us by telephone when you have anything, but we appreciate that it will be

a difficult matter to do this at all times; still, if it is done it will be helpful to us both.

A number of growers are making their shipments direct from the greenhouses this week on account of the strike. A number of dealers are receiving their stocks at Rockford and other nearby points, making their shipments from same to avoid strike troubles. Some dealers have advised their growers to stop shipments while the present trouble continues.

The wholesale and commission men are under considerable expense in getting their shipments to the depots and country buyers should appreciate this fact when paying charges.

NOTES.

Kennicott Brothers, having had time to look over affairs, now report that their Easter business was larger than ever before and would have been still greater if they had been able to secure all the lilies they needed for that period. E. E. Pieser advises growers to be careful in their shipments for this market until the present strike is settled.

J. A. Budlong is receiving some very fine carnations for this time of year. Boston Market is exceptionally good, while Lawson is as good as can be found anywhere. This stock is growing well.

Charles W. McKellar is receiving large quantities of *Cattleya Mossiae* and *Cattleya Skinneri*, which are just now coming into crop. These are fine stock and should meet with a ready sale.

Vaughan & Sperry have recently made arrangements whereby they have taken over the space of the Grand Rapids Florists' Association, which was needed for their growing business.

The E. F. Winterson Company disposed of fully 1,200 lilies in pots at Easter. John Degnan, of this firm, has been confined to his home for some days past with a throat trouble.

The Illinois Central has engaged Mrs. McCrea, landscape gardener of Chicago, to plan a system of improvements about the principal station grounds of the system.

Percy Jones reports matters moving along nicely and estimates that prices average higher than for the corresponding time last year.

E. C. Amling reports business very good after the large Easter trade enjoyed by his house during the Easter holidays.

Weiland & Risch have an unusually large display of Easter lilies and their stock of roses is exceptional in quality.

D. Wood Brant reports business as being very satisfactory. He is handling some nice carnations now.

The death of Mrs. George Reinberg is recorded in our obituary column.

Philadelphia.

MARKET NOTES.

Business the past week has been fair, a number of weddings helping things along. Prices, however, receded considerably, showing that the demand was not any too good. Special American Beauty roses sold for \$3 per dozen; the best teas brought \$10 per hundred, while the finest carnations were quoted at from \$3 to \$5 and had to be very fancy to bring the latter figure. Ordinary stock brings \$1.50 to \$2. Sweet peas are plentiful at from 50 cents to \$1.50 per hun-

dred, the latter figure being for fancy lavender. Violets are done. Yellow and white daisies are now at their best and sell very well at 75 cents to \$1 per 100. It seems as if the Easter crop of lilies was just a little larger than the demand and there are quantities of cut blooms now being offered at very low figures.

CLUB MEETING.

The May meeting of the Florists' Club was very interesting. Luther Burbank and his achievements and Mr. Winsor's talk on "New Uses" were the features, and either of the subjects as treated by Edwin Lonsdale's paper and Mr. Winsor's remarks were worth going miles to hear. A plant of the Australian star flower in blossom, from the Girard College gardens, was exhibited, and while not much to see, it was very interesting. Mr. Lonsdale's paper was full of good words for Mr. Burbank and his work and also described much of the newspaper gush that is floating around and which is so very greatly exaggerated. Mr. Winsor spoke of the great future for the rose and the beauty of the new rugosa crosses, which are opening up a new field. He also spoke of a new everblooming climber which was destined to become universally grown when better known. Dr. Van Fleet, he thought, was doing as good work as Mr. Burbank, particularly in roses. While nothing was said about his work, Mr. Winsor continued, he was sure the time was coming when the public would recognize its worth.

The H. A. Dreer Company exhibited a vase of the new marguerite, Queen Alexander, which is beautiful, the striking feature being the fluffy short petals, giving it an anemone appearance. It will be a great acquisition.

NOTES OF THE TRADE.

Robert Craig & Son are sending in a few Dorothy Perkins roses in 7-inch and 8-inch pots that are bearing great clusters of beautiful pink flowers. Well flowered plants of this variety should make good sellers at Easter if it can be had ready in time, as they are quite equal in effectiveness to any other of the most popular plants now offered.

Rupert Keinle, of Seventeenth street, above Chestnut, was most unfortunate in having the street in front of his place torn up by the street railway company the last three days of Easter week. The block was so complete that he could not even get his own wagon within half a square of the store, and the carriage trade had to walk, which interfered very much with this class of business.

A meeting of the creditors of Robert Craig & Son will be held at their offices, Forty-ninth and Market streets, May 15, at 3 p. m.

K.

Denver.

All the florists were well cleaned out Easter Sunday morning. The first of the week we all thought Easter lilies would be plentiful, but Saturday night at 5 o'clock there was not one on the market, and the same is true of other cut flowers and most all potted plants, excepting some very large fancy stock. I think this was the best Easter we have had here for the last four or five years. The weather was in our favor, although Sunday morning opened up with a heavy rain and continued all day.

PLATTE.

Washington.**BUSINESS FAIR.**

The trade of the past week was fair, there being a number of weddings and other social events and considerable funeral work. Trade is as good, or a little better, than might be expected at this season, but it is not good enough to use up all the stock that is being brought into the market. Many of the buyers have now a preference for lilies and other outdoor stocks over good roses and carnations.

Several growers who also retail are now paying considerable attention to the wholesale end of their business, and are shipping to southern points.

The demand for American Beauty roses is very light and they retail at from \$3 to \$8 per dozen; Bride, Bridesmaid and other white and pink varieties at from \$1 to \$2.50 per dozen. Carnations are plentiful and of good quality for the season. The common varieties, such as Joost, go at from 35 cents to 50 cents per dozen; the fancies at from 50 cents to \$1. There is a considerable amount of pot stock left over from Easter awaiting transportation to some fallow field—or the dump. No matter where it goes, it should be got out of sight, as some of it will never sell and is a hindrance to sales.

NOTES.

On the evening of April 28 the banquet hall of the new Willard hotel was a scene of beauty, the occasion being the installation of officers by Columbia commandery, made the presentation Knights and Ladies of Mary Commandery of Philadelphia as guests. A notable feature was the presentation of the sword of a past commander to retiring Commander Cunningham. Past Commander J. Henry Small, in behalf of the commandery, made the presentation speech. The hall was finely decorated and the large number of Enchantress roses worn by the ladies of Mary Commandery, the gift of the gallant Sir Knight W. F. Gude, added charm to the scene.

Mr. and Mrs. Stuyvesant Fish have taken the Mrs. D. P. Morgan mansion on Scott Circle and the house and grounds have been much beautified under their direction. On May 2 they gave a dinner to a company of guests numbering sixty. There were five tables, the center decoration of each being a tree skillfully executed in American Beauty roses by Geo. E. Cooke.

On May 1 Admiral and Mrs. Dewey commemorated the seventh anniversary of the victory of Manila bay by having at luncheon with them the officers of the ships of Admiral Dewey's squadron on that memorable date. The wives of the officers were also present. The centerpiece was a floral model of the flagship Olympia, J. H. Small & Sons being the artists.

On April 25 Miss Marian Hubbard Bell, daughter of Prof. and Mrs. Alexander Graham Bell, was married to David G. Fairchild. The ceremony took place at Twin Oaks, the country home of Mrs. Hubbard, grandmother of the bride. The wedding decorations were by Peter Bisset, a guarantee that they were tasteful and artistically executed.

A. Gude & Brother, J. H. Small & Sons and J. Louis Loose had orders for designs as remembrances of General Fitzhugh Lee, who died at Providence hospital in this city April 28. The funeral and interment (May 2) was at Richmond, Va.

The retail store on F street opposite the Ebbitt house, which within the past two years has had various proprietors, is now in the hands of Hess & Company of the Tuxedo violet house. They had a good Easter stock and a good trade.

Vice-President Freeman of the S. A. F. is determined to have the convention souvenir a thing of beauty and a joy forever. S. E.

Baltimore.**SOCIAL ACTIVITY.**

The post-Easter weddings began on April 24, in some instances before the plants which had been used for decorations could be removed from the churches, and kept up till April 29, which has become the ultra-fashionable day for these ceremonies. This, with the adoption of lilies and other flowers to the uses in the sanctuaries of the catholic churches and various church festivities, made quite a good demand during the past week for cut flowers, and the stocks on the market were pretty thoroughly cleared out by its end. A somewhat calmer view of the Easter trade than was hurriedly summarized last week to reach the press on time pretty generally confirms what was then said, that to growers, store dealers, market men and street dealers the holiday was one of unusual activity, with very satisfactory results all around as to prices. The weather was so fine that out-of-doors crowds congregated everywhere and buying was stimulated. At the Florists' Exchange the volume of business done was largely in excess of previous years, and practically everything was cleared out, save, perhaps, some greens, which for the first time in weeks showed up in excess of demand.

NOTES.

Warren W. Crosby, the general superintendent of the public parks of this city, has resigned to accept the appointment of engineer of the highway commission of the state. He has made a fine record as an executive and those interested in our park system regret his loss. His successor has not yet been appointed. There are some thirty applicants for the post, and it is sure that an out-of-town man and a civil engineer will get the place.

The firm of C. E. Smith & Company has completed the alterations of its new store. The conservatory in the rear of the main room is effectively arranged for showing plants and proves a great facility in doing business. W. Seick, the manager, reports a fine Easter business and several good wedding orders since.

John J. Perry had his work well in hand, having ample help, and the business was dispatched with entire satisfaction. S. B.

Louisville.**TRADE ENCOURAGING.**

The previous week was a very encouraging one, commencement work playing a great part. The weather was very favorable for planting, and the work has been progressing very rapidly. Roses are being received of exceptionally good quality and are meeting with good demand. Carnations are still good in quality, but the warm weather will soon bring them down. The demand has been unusually good, and the supply ample. Out of door lily of the valley is unusually good this year, sells well, and can be had in good quantity. Mignonette

of medium grade can be had in great profusion and moves readily. Sweet peas of very good quality can be had in large lots, and have been selling rapidly. Lilies continue to come in good quantities, and sell moderately well. Lilacs have sold well this year, but are now a thing of the past.

Schulz's had some fine early peonies which sold well. They are growing about thirty varieties of the newer dahlias this year.

Charles W. Reimers has had some nice dahlias blooming for some time.

F. L. S.

Cincinnati.**EVERYBODY SATISFIED.**

Easter business was all that could be expected; stocks were fine, and good prices prevailed. There was a shortage of roses, but enough carnations and other flowers for all orders. Lawson carnations were a little scarce, but buyers took other varieties; lilies were in good demand and George & Allan kept the market well supplied with them. Violets were very scarce, in fact those to be had were very poor and the dealers did not care to offer those on hand. Since Easter, business has held up first rate, and there are no complaints to be heard. Flowers are coming along nicely, the only scarcity being smilax, which finds a ready market. Sweet peas and pansies seem to be taking the place of violets, and there is a good call for this kind of stock. Roses were never better, and the same may be said of carnations. Bedding out season has started and growers of this stock are certainly very busy.

TRADE NOTES.

George Corbett, of College Hill, had his usual cut of high-grade flowers, which netted prices accordingly. George does not agree with a good many growers in regard to Enchantress carnation going to sleep and not having lasting qualities. He says he can easily keep the blooms a week in his dwelling house and attributes their going to sleep soon after cutting to being grown in a high temperature. He thinks so well of this variety that he will grow twice as many plants next year.

William Murphy handled a big lot of carnations Easter week, and says that shipping trade with him was very good.

Tom Windum, of Newport, Ky., who has about 25,000 feet of glass devoted to carnations, had a very good cut for Easter which amounted to 23,000, and has been wearing a smile that won't come off ever since.

George & Allan, of course, had their usual amount of good bulbous stock. Ben George does not know how he compares with last Easter, as up to the present writing his returns are not all in, but he appears to be satisfied.

A. O.

SALT LAKE CITY, UTAH.—L. M. Law of the Huddart Floral Company, has sold out to Walter King.

WINONA, MINN.—The greenhouses of Fuhlbruegge Brothers were destroyed by fire May 2. The origin is not positively known, but it is supposed to have started from the boilers. The potting and packing sheds, salesroom, one carnation house, palm house and show house were destroyed. The stock is a complete loss, but the buildings were covered by insurance.

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Society of American Florists

The annual convention of the
Society of American Florists will be
held at Washington, D. C., August
15, 16, 17 and 18.

WATERING dishes, or little cement
pools in the lawn, where birds may
drink, are seen on most fine grounds in
California.

DRACAENA TERMINALIS planted out in
benches will color better than when
wholly grown in pots, the plants to be
potted when the coloring is well devel-
oped and plunged in spent hops or other
material affording similar bottom heat.

THE press of Grand Rapids, Mich.,
has been giving considerable space
recently to illustrated notices of the
trade of that city, very much to the
benefit of growers and retailers gener-
ally in that territory. The newspaper
men in all sections should be awakened
to a similar sense of duty.

Society of American Florists.

PRIZE ESSAYS.

At the recent meeting of the execu-
tive board in Washington, D. C., it was
voted to offer three cash prizes of \$25,
\$15 and \$10 to be awarded for the first,
second and third best essays, respect-
ively, on the subject of "The Ideal Em-
ployer." Essays not to exceed 1,500
words each. The prizes are donated by
Treasurer H. B. Beatty.

Those wishing to compete are request-
ed to send their completed manuscript
to the secretary not later than July 15.
The manuscripts should be unsigned,
but the full address of the writer should
in all cases accompany same. The
awards will be made by a competent
committee, and the names withheld until
after a decision has been made.

WM. J. STEWART, Sec'y.

Hail Notes.

The big hail storm at Pittsburg, Pa.,
April 10, did not affect the treasury of
the Florists' Hail Association. All the
glass broken was uninsured.

The officials of the Florists' Hail
Association are closing the fifteenth
assessment. The percentage of delin-
quents will be small this year. The
delinquent list is largely made up on
deaths, removals and abandonment of
the business.

The next annual report of the Flo-
rists' Hail Association will show
upwards of 22,000,000 square feet of
glass insured. The association is boom-
ing.

A hail storm at Wichita, Kan.,
March 27, damaged several florists,
nearly all of whom were insured.

Grand Rapids, Mich.—There was a
terrific hailstorm in this vicinity May 4,
Eli Cross and Peter Kunst suffering al-
most total loss. All suffered to some
extent, however, the Stover Floral
Company's loss being estimated at \$400.

Best Commercial Cannas.

ED. AMERICAN FLORIST:—

What are the best varieties of cannas
to grow for cut flowers to be sold at
wholesale? A. S.

Replying to "A. S." as to what is
the best variety of cannas to grow for
cut flowers to be sold at wholesale, per-
mit me to say that I know of no canna
suitable for this purpose, as the flower
spikes of cannas are totally useless if
shipped as cut flowers.

J. S. W.

Short Stemmed Stocks.

ED. AMERICAN FLORIST:—

Our Empress stocks, deep pink, flower
with too short stems. How can we get
them to stretch up? SMITH BROS.

The probable cause of the stocks
being short in stem is that at some
period of their growth they were
stunted in some way, and stocks, like
many other plants of quick growth and
brief existence, require plenty of root
room until they are in flower. Artificial
feeding tends to hasten their flowering,
hence perhaps another reason for short
stems. The only way to get stocks to
send up long stems is to cultivate well
and neither to unduly hasten nor retard
their growth. Keep the soil stirred on
the surface so that it will dry out
quickly, thereby making necessary more
water. Do everything possible to get
good foliage and then most likely they
will give good flowers. D. M.

Giant Canna.

ED. AMERICAN FLORIST:—

Do you know of any variety of canna
with dark red foliage and large orange-
red flowers that attains a height of
seven feet? If so, is it now in the mar-
ket? N. R.

Replying to "N. R.," the only vari-
ety I know of is Graf, Waldsee, which
has a very dark red foliage and large
orange-red flowers. This variety grows
to a height of five feet. This height, of
course, can be increased by heavy fertil-
izing. King Humbert is also an
orange-red and one of the very finest
cannas in commerce today. The latter,
however, does not grow over four feet
high. J. S. W.

Meetings Next Week.

Baltimore, Md.—Gardeners' Club of
Baltimore, Royal Arcanum building, 18
W. Saratoga street, Monday, May 8, at
8 p. m.

Buffalo, N. Y.—Buffalo Florists' Club,
383 Ellicott street, Tuesday, May 9, at
8 p. m.

Butte, Mont.—Montana Florists' Club,
Columbia Gardens, Friday, May 12.

Chicago, Ill.—Chicago Florists' Club,
Handel Hall, 40 Randolph street, Thurs-
day, May 11, at 8 p. m., supper and en-
tertainment.

Cincinnati, O.—Cincinnati Florists' So-
ciety, Jabez Elliott Flower Market, Sat-
urday, May 13, at 8 p. m.

Cleveland, O.—Cleveland Florists'
Club, Progress Hall, 244 Detroit street,
Monday, May 8, at 7:30 p. m.

Denver, Colo.—Denver Floral Club,
323 Charles block, Friday, May 12, at 8
p. m.

Hartford, Conn.—Hartford Florists'
Club, Friday, May 12, at 8 p. m.

Madison, N. J.—Morris County Gar-
deners' and Florists' Society, Masonic
Hall, Wednesday, May 10.

Menlo Park, Cal.—Menlo Park Horti-
cultural Society, Monday, May 8, spring
exhibition.

New Bedford, Mass.—New Bedford
Florists' Club, Thursday, May 11.

New York, N. Y.—New York Florists'
Club, Grand Opera House building,
Eighth avenue and Twenty-third street,
Monday, May 8, at 7:30 p. m.

New York, N. Y.—Horticultural So-
ciety of New York, Botanical Garden,
Wednesday, May 10, at 3 p. m.

Omaha, Neb.—Nebraska Florists' So-
ciety, City Hall, Thursday, May 11, at 8
p. m.

Providence, R. I.—Florists' and Gar-
deners' Club of Rhode Island, 96 West-
minster street, Thursday, May 11, at 8
p. m.

Rock Island, Ill.—Tri-City Florists'
Club, Thursday, May 11.

Salt Lake City, Utah.—Salt Lake
Florists' Society, Friday, May 12.

St. Louis, Mo.—St. Louis Florists'
Club, Odd Fellows' Hall No. 2, Ninth
and Olive streets, Thursday, May 11, at
2 p. m.

Prices of Indoor Vegetables.

The prices of indoor vegetables at
leading points April 29 were as follows:
New York—Cucumbers, No. 1, 75 cents
to 90 cents per dozen; culls, \$2 to \$3
per case; lettuce, 15 cents to 50 cents
per dozen; mushrooms, 30 cents to 60
cents per pound; radishes, \$1 to \$2 per
100; tomatoes, 10 cents to 30 cents per

pound. Buffalo—Cucumbers, 50 cents to \$1 per dozen. Minneapolis—Cucumbers, No. 1, \$1.50 per dozen. Detroit—Cucumbers, \$1.50 to \$1.75 per dozen; lettuce, 10 cents to 11 cents per pound. Cincinnati—Cucumbers, \$1 to \$1.25 per dozen. Kansas City—Mushrooms, 50 cents per pound.

OBITUARY.

Mary L. Reinberg.

After a lingering illness of several months' duration, Mrs. Mary L. Reinberg, wife of George Reinberg, of Chicago, died Friday, April 21, heart trouble being assigned as the immediate cause of her death. The funeral took place the following Monday, and was very largely attended. Many floral decorations were received from neighboring florists and growers.

Mrs. Reinberg was thirty-eight years of age, and the mother of eight children, who all survive her.

The trade in general extends its sympathy to Mr. Reinberg and family in their bereavement.

Frank A. Pierson.

Frank A. Pierson, son of A. N. Pierson, Cromwell, Conn., died at his home April 29 of spinal meningitis after one week's illness. He was taken suddenly ill April 22 and the following day his case was diagnosed as above. Mr. Pierson was twenty-eight years of age and associated with his father in business. As a boy he attended school in his native town, later attended the Middletown high school and was also a student at Wilbraham. He had charge of the cut flower department of the business and made a very considerable success of it.

Mr. Pierson was married less than three years ago to Miss Ruth Coe, who with one child survives. He served as a selectman of the town of Cromwell and last fall was elected a member of the general assembly by the republicans. He was a thirty-two degree mason, a member of Cyrene Commandery, K. T., of Middletown, Sphinx Temple and Mystic Shrine of Hartford. The funeral was held May 2 with appropriate services. The burial was at Miner cemetery, in Westfield, and the Knights Templar conducted the services at the grave.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with Adv.

Plant Advs. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1905 is entitled to a five-line WANT ADV. (situations only) free to be used at any time during the year.

Situation Wanted—As gardener; German, married, one child; 16 years' experience. All references. Private place preferred. Address Box 300, care American Florist.

Situation Wanted—By a Hollander, age 28, single; capable of taking care of small commercial place; experienced in the general line of pot plants and carnations. State wages. Address Box 306, care American Florist.

Situation Wanted—Life experience in growing roses, carnations and general stock. Prefer a section of Brides and Maids; single, age 34, sober. Address Room 35, New York House, 241 Randolph St., Chicago.

Situation Wanted—By Hollander (engaged) representing European firms in bulbs, seeds, nursery stock, etc.; wants position with American firm. References given. Letters stating full particulars. Box 307, care American Florist.

Situation Wanted—Position as working foreman with grower of commercial stock. Experience of 22 years covering all lines. Excellent references. Address FOREMAN, care American Florist, 429 Sixth Ave., New York.

Situation Wanted—By middle-aged German gardener and florist; 29 years' experience in all branches; in private place near Chicago, or as foreman of commercial place. First-class references. State full particulars, with salary. Please address Box 308, care American Florist.

Situation Wanted—By a German, as manager in large florist establishment; 40 years' of age; 21 years' practical experience in all branches of greenhouses and store; would be willing to purchase interest in good established business. Address Box 214, care American Florist.

Situation Wanted—As head gardener or working foreman; German; 16 years' experience; first-class grower of carnations, roses, 'mums, and general stock; understanding decoration and funeral work; honest, sober and good worker; first-class references; state wages. Address F. H. WILL, 66 Palmer Ave., Chicago, Ill.

Help Wanted—Good grower to take charge of small place at once. Address Box 310, care American Florist.

Help Wanted—An all around man, German preferred. State wages wanted without board. O. R. DEMMLER, Eau Claire, Wis.

Help Wanted—At once, German man, single up in cut flowers and pot plants. State wages. J. B. GOETZ SONS, Saginaw, W. S., Mich.

Help Wanted—Good man for bedding plants; single; must be good salesman and speak English and German. Address P. BLONDEEL, Oak Park, Ill.

Help Wanted—At once, a good all-around florist as second man; wages \$12.00 a week; steady position to the right man. Address Box 301, care American Florist.

Help Wanted—Good grower of roses, carnations and bedding stock. Sober and industrious. Good wages, steady job to the right man. Box 218, care American Florist.

Help Wanted—A good all-around grower as assistant in private place; \$80.00 per month. State age and experience. Address J. C. K., 606 Case Ave., Cleveland, O.

Help Wanted—Experienced men for all-around greenhouse work, with references. Wages, \$10.00 per week without board. Address YOUNG'S, 1405 Olive St., St. Louis, Mo.

Help Wanted—An all-around florist, married or single, on an up-to-date place; wages \$12.00 per week. Address WILLIAM DITTMANN, New Castle, Ind.

Help Wanted—A sober and industrious single man who understands how to grow good roses and carnations. State wages expected with board and room. Address Box 304, care American Florist.

Help Wanted—A foreman to take charge of wholesale plant of 25,000 square feet of glass; roses and carnations; must be a No. 1 grower; wages \$75.00 a month. Address Box 302, care American Florist.

Help Wanted—A working foreman; roses, carnations and general stock. State wages expected and give references. Also an assistant who worked successfully on roses. Address JOHN RECK & SON, Bridgeport, Conn.

Help Wanted—Two young men as assistants, for growing roses and choice stove plants. Wages \$10.00 to \$12.00 per week. Send copies of references, and full particulars in first letter. Address J. A. PETERSON, McHenry Ave., Westwood, Cincinnati, O.

Help Wanted—A florist who has thorough experience in roses, carnations and general line of pot plants. Must be able to work independent, handle men and take care of 30,000 feet of glass whenever called upon. Can also use one or two young men, who have experience in greenhouse work. Send references with wages expected to CARL HIRSCH, Hilldale, Mich.

For Sale—Coil boiler, 25 pipes, 4 ft. long, 14-inch, at \$15.00. Address C. WINTERICH, Defiance, O.

For Sale—A good business, in a fine town. Doesn't require a fortune. Investigate. Address Box 221, care American Florist.

For Sale—A well-paying business, greenhouses and store in full operation. For particulars address Box 303, care American Florist.

For Sale—4-inch cast iron pipe at 6c per foot. One Kroeschell boiler, extra large size, cost over \$500 for \$150. Address HELLER BROS., New Castle, Ind.

For Sale—Cheap, a good paying florist business, well established, in San Antonio, Texas. Fine opening here for an up-to-date florist. Address Mrs. S. MAVERICK, San Antonio, Texas.

For Sale—Greenhouses of between 6,000 and 7,000 square feet of glass and double house. In fine locality. On trolley line. For particulars address Mrs. M. A. HILL, Ansonia, Conn.

For Rent—Four greenhouses in good condition with lot. New Kroeschell boiler; good house trade. Half block from car line. Address RUDOLPH VIRUS, 1939 West Leland Ave. Jefferson Park, Chicago.

For Sale—Boilers, half price; one Mills boiler, No. 4½, heats 5,000 feet of glass; one Dean boiler, heats 3,000 feet of glass; good condition; now in use. Address FRED M. FLAGG, 648 State St., Springfield, Mass.

For Sale—Owing to the death of the proprietor, the greenhouses and stock of the Lake Geneva Floral Co., established in 1890 are offered for sale. A good opening for a practical man. W. H. HAMMERSLEY, Lake Geneva, Wis.

For Sale—A good florist business in a western city of 60,000 can be purchased at a great sacrifice. Well established trade and prospects for future bright. Is worth \$1,700, but will dispose of business for \$700 cash. Ill health cause of disposition of business. Box 217, care American Florist.

For Sale—Greenhouse plant of about 30,000 feet of glass; also ten acres of land; good 6 room dwelling and barn. Will sell reasonable or rent to responsible party. Our city has 50,000 inhabitants and no roses are grown here to speak of. Reason for selling, owner wants to retire. Do not answer this ad unless you mean business. For particulars. Box 212, care American Florist.

For Sale—Old age compels me to quit business. I offer my two greenhouses well stocked, No. 17 Hitchings boiler, pipes, house of seven rooms, lot, hotbed, sash, etc., for sale cheap. City of 3,000 inhabitants, sixty-five miles from Chicago. Shipping facilities in all directions. Splendid location for a hustler, with no greenhouse inside of twenty-eight miles. Will sell greenhouses alone if desired. Correspondence solicited. CHARLES FAUST, Harvard, Ill.

WANTED A POSITION AS FOREMAN.

Large commercial place; southeast coast preferred. The applicant, Mr. Frank Fischer, is highly recommended by James Hartsborne, manager of Chicago Carnation Co., with whom he has been six years. Address

FRANK FISCHER, care Chicago Carnation Co., Joliet, Ill.

FOR SALE CHEAP

Sound Second-Hand Greenhouse Material.

Will arrange to build several good-sized houses at a very low cost, if desired. Write for prices.

G. F. BLANCHARD, 45 La Salle St., CHICAGO.

FOR SALE...

A valuable greenhouse property consisting of four houses, 6x40, 26x162, 26x104, 50x100; all heated with hot water. These houses are all of iron frame construction of the most modern pattern, and in finest of condition. All stocked with fancy carnations of best selling varieties. Only two hours from New York City and splendid shipping facilities at all times. These houses with land will be sold at a reasonable figure and on easy terms. A good chance for a wide awake man with brains, energy and some ready money. Don't bother with this unless you mean business. X Y Z, care Am. Florist, 429 6th Ave., New York.

FOR SALE—About 60,000 feet of glass nearly all devoted to carnations, one house of roses and one of asparagus plumosus; houses in splendid condition; two built last summer; 72-inch by 16 ft. boiler heats the place with ease; another large boiler in reserve. Michigan's great coal field but a short distance furnishes coal at a very low price. A splendid wholesale and retail trade well established; one of the best shipping points to Michigan, reaching with ease and comparatively short time, Chicago, Milwaukee, Buffalo, Detroit, the Saginaw valley and all points east, west, north or south. Splendid trade in field-grown carnation plants as well as rooted cuttings. Stock in fine condition. Soil and climate just suited to growing carnations—both quantity and quality. Splendid water privilege for field and houses. An exceptional chance for some one to step into a well established business. Will also sell or rent a large or medium sized house. For further particulars, address Box 228, care American Florist.

Boston.

SLUMP IN MARKET.

The market this week experienced the usual after-Easter slump in prices. In fact, it is generally conceded that the retailers were overstocked and it required the first half of this week to work off the left-over supply. The growers more than ever seem to have held back their cuttings and plants until the day before Easter, with the result that but low prices were obtainable, in fact, nearly fifty per cent lower than on the day previous. This was especially true of carnations, and of the white varieties in particular. Both retailers and wholesalers report that the bulk of their trade was in plants and that cut flowers were very hard to move. Many of the larger growers in this locality devoted their energies after the Christmas season entirely to raising plants for Easter and Memorial day.

NEWS ITEMS.

More than 400 of the florists were invited to visit the pottery plant of A. H. Hews, at North Cambridge, on Saturday, and a large number took advantage of the opportunity of learning how the various kinds of flower pots are made.

John Walsh, manager of the Boston Flower Market, has been appointed one of the appraisers of the bankrupt estate of James W. Newman, of Belmont.

The Massachusetts Floral Emblem Society held its carnival of flowers on Saturday, and was very successful. The main object of the show was to familiarize the public with the mountain laurel as the state emblem.

While Arbor day was not generally observed in this locality, many trees were distributed and set out by the city nursery. About 1,000 trees were set out in Dorchester and Roxbury.

Thomas Galvin furnished the decorations for the Bellows-Robinson wedding at King's chapel April 29 and also for the Ingalls-Stewart wedding at Swampscott.

James Rough, of Huntington avenue, has been seriously ill the past week.

H. P. S.

HORTICULTURAL SOCIETY CERTIFICATES.

At the last exhibition of the Massachusetts Horticultural Society, April 29, first-class certificates were awarded to Robert Marshall, gardener to E. W. Converse, for superior cultivation of *Amaryllis vittata*, and Thomas T. Watt, gardener to Mrs. H. F. Durant, for superior cultivation of *Saccolabium ampullaceum*, and Robert Cameron, for *Impatiens Holstii*.

C. H. Fleming, for a number of years engaged in business in this city, was a visitor last week.

Toronto.

BUSINESS BRISK.

The past week has been a gala one for the retailer. What with the many Easter weddings, the horse show and the visit of the governor general and suite, there has been plenty for all hands to do. A number of elaborate decorations have taken place, utilizing a quantity of very good stock. The weather for the last week has been exceedingly bright and the rose cuts have been enormous. Even with the increased business in the city, the stock is not all being moved, as the shipping trade is somewhat slack. Carnations, with some, have shortened,

but there are still plenty to fill orders. In roses, all varieties are in excellent quality and especially is this so in Beauty, which were never finer. The Gen. MacArthur and Mme. Chateau continue to be great favorites, the demand for them exceeding that of the other varieties. Wm. Fendley, of Brampton, is still sending in single violets, though the flowers are small and rather undesirable. Sweet peas have somewhat taken their place, and some very good flowers are being received from a number of the growers. Mignonette and marguerites continue plentiful and quite a number of Emperor narcissus are still in evidence.

Many very fine bouquets and baskets of flowers have been presented to the Countess of Grey. Park Commissioner Chambers did the decorating for the visit to the city hall and made a very effective display. Dunlops' supplied the flowers for the banquet given by the lieutenant governor and also decorated the handsome dining room of the Toronto club.

The field planting of carnations has begun, J. H. Dunlop being the first to venture in this section. He has already quite a number out. Manton Brothers are making a specialty of magnolias. These are nicely shaped plants and well bloomed and find ready sale.

H. G. D.

TRADE NEWS.

ASHLAND, WIS.—F. W. Smith built several new houses this season.

BOLIVAR, TENN.—Tender plants were injured here by heavy frost April 16.

DES MOINES, IA.—The estate of I. W. Lozier settled for 1 per cent about April 15.

HACKENSACK, N. J.—The New York flower store opened a new stand here April 30.

WASHINGTON, D. C.—Irving A. Miller has been appointed florist at the Industrial Home School.

OMAHA, NEB.—On account of increased business, George Sorensen has been enlarging his greenhouses.

RUTHERFORD, N. J.—Bobbink & Atkins have contracted for improving Lincoln park opposite the Park public school.

ALLIANCE, O.—The Lamborn Floral Company has been incorporated by L. L. Lamborn, Mary W. Lamborn, Charles C. Weybrecht, K. C. Koehler and Ruth Burdge.

PADUCAH, KY.—Robert Rudolph will soon retire from the retail flower business. He intends to raise carnations exclusively for the Chicago, St. Louis and other large markets.

CAMDEN, N. J.—T. F. Taylor has a small greenhouse here and has material on hand for the erection of an addition this summer. He sells more cut flowers than he can produce.

INDIANAPOLIS, IND.—The preliminary premium list of the Indiana floral festival and chrysanthemum show, to be held in Tomlinson hall, this city, November 14-18, has been issued.

REDONDO, CAL.—David Turner, for twenty years plantsman at Phoenix,

Ariz., has bought five acres at Belvedere, near here, and will grow plants and cut flowers.

WEST FAYETTE, IND.—On April 23 thieves entered the greenhouses of Herman Roth and carried away a quantity of choice flowers. A number of plants were injured by being trampled on.

JACKSONVILLE, FLA.—The eighteenth annual meeting of the Florida Horticultural Society will be held in the Jacksonville Board of Trade auditorium, May 9-12, 1905.

MONTREAL, QUE.—At the annual meeting of the Westmount Horticultural Association the following officers were elected: W. F. Borland, president; J. Stewart, vice-president; H. J. Ross, secretary-treasurer.

OCEAN PARK, CAL.—Jos. Zimmerman, well known to the trade of this section, lost his life May 1, and a party of prominent people who accompanied him narrowly escaped death from drowning, at San Pedro.

WOONSOCKET, R. I.—Thomas H. Greene has bought W. H. Flye's greenhouses on South Main street and will move them to Summit street where his own extensive plant is located. Mr. Flye intends to retire from the business.

HERKIMER, N. Y.—James Barclay, a former greenhouse man of this place, has purchased the business of the Rhode Island Greenhouse Company, Pawtucket, R. I., consisting of 40,000 square feet of glass. He will take possession May 1.

WILLIAMSPORT, PA.—Daniel E. Gorman is about to erect a 100 x 110 greenhouse here costing approximately \$5,000. The walls are to be of concrete and the framework of iron, no wood being used whatever. It will be used entirely for roses.

HARRISBURG, PA.—Notwithstanding his large greenhouse plant, covering an area of 20,000 feet of ground surface, Gustave Hanson is now devoting considerable attention to landscape gardening, which he finds a profitable branch of the business.

EUREKA, ILL.—The C. E. Brady Company will erect this year a house, 30 x 100 feet, for lettuce, which will give the firm a glass area of 6,000 square feet for that purpose. This concern will also go in for carnation growing at an early date.

HOUSTON, TEX.—The Bryn Mawr Nursery at 615 Main street had a florist's opening April 7. Every visitor who left her card was presented with a carnation as a souvenir. A Chicago decorator will have charge of the floral department.

PEKIN, ILL.—On April 20 a very heavy storm passed over this city. Lightning struck George A. Kuhl's large smokestack, scattering the bricks over his entire plant and breaking over 2,000 feet of glass. Mr. Kuhl and several of his men were in the office at the time and narrowly escaped with their lives. The damage to the office building and smokestack was covered by insurance. The storm did not interfere with Mr. Kuhl's Easter trade, however, which was the best he has enjoyed for a number of years past.

Roses and Carnations Good and Cheap.

You can sometimes buy good roses and you can sometimes buy cheap roses. This is one of the only times that you can buy roses good and cheap and the same with carnations.

We are cutting plenty of stock, and every flower is as good as it is possible to grow them.

Let us hear from you.

Weiland & Risch,

Leading Western Growers and Shippers of Cut Flowers.

59 Wabash Ave., CHICAGO.

Telephone Long Distance Central 879.

SOMETHING NEW.

Branches of the **Huckleberry Tree**—a most elegant decorative green. It is largely used by florists of the Pacific Coast, Washington and Oregon, in decorations. The branches are flat, very thickly furnished with exceedingly lustrous, green leaves, and it seems to adapt itself to almost any position in decoration that the Wild Smilax can be used in.

CALDWELL, the Woodsman, EVERGREEN, ALA. New crop **Hardy Ferns**, now ready. Fancy, \$1.25 per 1000; Dagger, \$1.01 per 1000.

Please mention the American Florist when writing.



PREPARED PALMS.

Painted Fan Palm Leaves, from \$12.50 per 1000. Get our catalogue. Palm Fiber, Birch Bark, Cork Bark, Moss, Artificial Flowers, Vines, Leaves. All kinds of Palms.

CLARE & SCHARRATH, 170 Madison St., CHICAGO.

Please mention the American Florist when writing.

THE Regan Printing House

—Large runs of—

CATALOGUES

Our Specialty. Write for Figures.

83-91 Plymouth Place, CHICAGO.

Please mention the American Florist when writing.

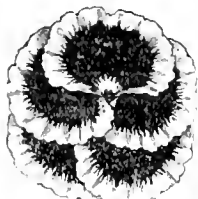
Asparagus Plumosus,

50 CENTS PER STRING.

Carnation Blooms and Rooted Cuttings. Good stock.

W. H. WATSON, Lapeer, Mich.

Please mention the American Florist when writing.



Pansies

Giant flowering, extra large wintered over plants in full bloom, per 100, \$2.50

Per 100

Asp. Plumosus, strong, 2 1/2-in. 5.00

Chrysanthemums, in variety, 2.50

Coleus, mixed, 4.00

Daisies, Marguerite, white and yellow, 4-in. 10.00

Fuchsias, E. G. Hill, Phenomenal, 4.00

" Mixed, 3.00

" Sunray, per doz., \$1.00, 10.00

Geraniums, standard varieties, 4 in. 4.00

" Mme. Salleron, 2 in. 12.00

Hollyhocks, double, separate colors, 12.00

" Allgheny mixed, 12.00

Salvias, St. Louis and Clara Bedman, 2 in. 4.00

" Mrs. C. N. Page, 2 in. 6.00

CASH WITH ORDER.

I. N. KRAMER & SON, Cedar Rapids, Ia.

Please mention the American Florist when writing.

HARDY CUT DAGGER AND FANCY FERNS.



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We also carry a full line of Florists' Supplies such as Tin Foil, Cut Wire, Corrugated Boxes, all sizes, Folding Boxes, Ribbons, all sizes and colors, All kinds of Letters, Wire Designs, Cycas Leaves, Etc., Etc. Our stock is of the best quality and at the most reasonable rates. Please write to our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

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53 W. 28th St., New York.

Tel. No. 1214 Madison Square



Stands at Cut Flower Exchange Coogan Bldg., W. 28th Street & 34th Street Cut Flower



Market. Specialties: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

Green and Bronze Galax Leaves, \$1.00 per 1000.

National Florists' Board of Trade,

Office: 56 Pine Street, New York.

Credit Reference Book. A subscription to our Credit List will cost you \$10 a year, and it may save you \$100 the first month. Special Reports. We make a specialty of this part of our work. Collections. We collect slow and doubtful accounts. Why not go through your books at once and send us all the claims that are in arrears?

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Wholesale and Retail Dealers in all kinds of

Evergreens.

Fancy and Dagger Ferns, Bronzes and Green Galax. Phone 1302 Mad. Sq.

Main Store, 45 W. 29 th St., NEW YORK.

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All Decorating Evergreens, Galax, Leucothoe, Mosses, Etc.

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Advertise in THE AMERICAN FLORIST.

HARDY CUT FERNS.

Fancy, \$1.50; Dagger, \$1.25 per 1000. Galax, Brilliant Bronze or Green, 75c per 1000; \$6.50 per case of 10,000. **Laurel Festooning**, hand-made, full sizes, 4c, 5c and 6c per yd. Made fresh daily from the woods. Send us your

EASTER ORDERS

Now and we will please you. Branch Laurel, 35c per large bundle. Southern Wild Smilax, per 50-lb. case, \$5.50. **Laurel Wreaths** and **Princess Pine Wreaths**, made all sizes and prices. **Princess Pine** by the lb. and made into roping. Tell us your wants and we will name you prices.



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New Crop Cut Fancy and Dagger Ferns READY MAY 1. Prices: Fancy, \$1.25 per 1000; Dagger, \$1.00 per 1000. Special quantity quotations on application.

BOOK NOW AND BE SURE OF A SUPPLY.
CROP SHORT THIS SEASON.

E. A. BEAVEN, - - Evergreen, Ala.

Wholesale Flower Markets

E. H. Hunt,

WHOLESALE

Cut Flowers

"THE OLD RELIABLE."

76 Wabash Ave.,CHICAGO.

MILWAUKEE, May 3.	
Roses, Beauty, long, per doz.	3.00@4.00
" " med.	2.00
" " short	1.00
" Liberty	4.00@ 8.00
" Cbatenay	4.00@ .800
" Bride, Bridesmaid	3.00@ 6.00
" Meteor, Golden Gate	3.00@ 6.00
" Perle	2.00@ 5.00
Carnations	1.50@ 3.00
Smilax	15.00
Asparagus sprays	2.00
Valley	3.00
Adiantum	1.50
Violets	.75@ 1.00
Callas	8.00@10.00
Romans, Paper Whites	2.00@ 3.00
Harrisi	6.00@10.00
Tulips, Daffodils	3.00@ 4.00
PITTSBURG, May 3.	
Roses, Beauty, specials	25.00@ 30.00
" " extras	12.00@ 18.00
" " No. 1	4.00@ 8.00
" " ordinary	1.00@ 3.00
" Bride, Bridesmaid	3.00@ 10.00
" Meteor	6.00@ 8.00
" Liberties	8.00@ 15.00
" Perle, Chatenay	3.00@ 8.00
Carnations	1.00@ 3.00
Lily of the valley	3.00@ 4.00
Smilax	12.50@ 15.00
Asparagus, strings	25.00@ 50.00
Asparagus Sprengeri	2.00@ 3.00
Lilies	8.00@ 10.00
Adiantum	1.00@ 1.50
Mignonette	1.00@ 3.00
Sweet Peas	.50@ 1.00
CINCINNATI, May 3.	
Roses, Beauty, per doz.	1.00@ 4.00
" Bride, Bridesmaid	4.00@ 8.00
" Liberty	6.00@ 10.00
" Meteor, Golden Gate	6.00@ 10.00
Carnations	1.50@ 3.00
Lily of the valley	3.00@ 4.00
Asparagus	50.00
Smilax	8.00@ 10.00
Adiantum	1.00@ 1.50
Callas	8.00@ 10.00
Asparagus Plumosus and Sprengeri	in bunches.....35c per bunch
Harrisi	12.50@ 15.00
Narcissus	3.00
Marguerites	.35
Daffodils	3.00@ 4.00
St. Louis, May 3.	
Roses, Beauty, long stem	3.00@ 4.00
" " medium stem	2.00@ 2.50
" " short stem	.50@ 1.50
" Bride, Bridesmaid	4.00@ 6.00
" Liberty	4.00@ 6.00
Carnations	2.00@ 5.00
Smilax	15.00
Asparagus Sprengeri	1.50@ 3.00
" Plumosus	25.00@ 50.00
Ferns, fancy	per 1000, 2.50
Adiantum	1.00@ 1.25
Lily of the valley	8.00@ 4.00
Romans	3.00
Callas	8.00@ 10.00
Paper White narcissus	3.00
Easter lilies	8.00@ 10.00
CLEVELAND, May 3.	
Roses, Beauty, per doz.	.50@ 3.00
" Bride, Bridesmaid	3.00@ 8.00
" Meteor	4.00@ 10.00
Carnations	1.50@ 4.00
Smilax	20.00
Asparagus, strings	25.00@ 50.00
" Sprengeri	1.00@ 2.00
Common ferns	2.00
Violets, single	.35@ .75
" double	.50@ 1.00
Tulips	3.00@ 4.00
Sweet peas	.50@ 1.00

DEAMUD Has
WILD SMILAX,
FANCY FERNS,
ROSES, CARNATIONS, VALLEY, and everything seasonable in quantity.
Send your orders to me.
J. B. DEAMUD, 51 Wabash Avenue,
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Wholesale Cut Flowers
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COR. FULTON & LAGRAVE,
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WHOLESALE and RETAIL FLORIST.
High-Grade Cut Blooms.
Carnations, Roses, 'Mums, Violets, Etc.
Choice American Beauties a Specialty.
Artistic Designs on Short Notice.
Good Shipping Facilities to all Michigan Points.
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Room 18, 128 E. Third St., CINCINNATI, O.
Headquarters for
American Beauties and all leading varieties of
Roses and Carnations.
All flowers sold at prevailing market prices,
Orders received and filled at Greenhouses if
desired, by addressing
PETER WEILAND, New Castle, Ind.
Please mention the American Florist when writing.

AMERICAN BEAUTIES.
Cut Roses—American Beauties and all
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orders solicited.
HELLER BROS., New Castle, Ind.
South Park Floral Company
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CARNATIONS and ROSES
Pittsburg's Largest and Oldest
Wholesalers.
PITTSBURG CUT FLOWER CO., Ltd.
604 Liberty Ave., PITTSBURG, PA.

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Wholesale and Retail Florist,
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Paper White Narcissus and
Roman Hyacinths.
\$2.00 per hundred, in any quantity.
Long Distance Telephone Connections.
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58 and 60 Wabash Ave., CHICAGO.
WRITE FOR SPECIAL PRICES.

MILLS THE FLORIST,
36 W. Forsyth Street,
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Cut Flowers, Florists' Supplies,
WIRE DESIGNS at
THE FLOWER GROWERS' MARKET,
60 Wabash Ave., CHICAGO
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Wholesale Florists
Room 218, 51 Wabash Ave., CHICAGO.
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Telegram at our expense for latest quotations on any Cut Flower Supplies.

Store open from 7 a. m. to 7 p. m. on week days and 7 a. m. to 1 p. m. on Sundays.

Specials For Coming Week.

Fancy Pink and White Sweet Peas.
Shasta Daisies, white and yellow.
Choice American Beauties,
Gladioli. All Sizes.

E. F. WINTERSON COMPANY,
45-47-49 Wabash Ave., CHICAGO.

CURRENT PRICES.

For Week of May 4th to May 11th.

Roses.	Per dozen.
American Beauty, 30 to 36 ins....	\$3.00
" " 24 inches.....	2.00
" " 20 inches.....	1.50
" " 15 inches.....	1.00
" " 12 inches.....	.75
" " Short.....	50 to .75
Bride, Bridesmaid, Gate.....	3.00 to 6.00
Roses, Our Selection.....	2.00 to 4.00
Liberty.....	4.00 to 8.00
Chatenay.....	4.00 to 8.00
Carnations.	Per 100
Fancy.....	\$3.00
Good Average.....	1.50 to 2.00
Fair Stock, for bargain sales (Our Selection) Per 1000, \$10.00	
Valley.....	2.00 to 4.00
Violets.....	.75 to 1.00
Callas.....	8.00 to 12.00
Paper Whites, Romans.....	3.00
Harrisil.....	8.00 to 12.00
Tulips, Daffodils.....	2.00 to 4.00
Sweet Peas.....	.50 to 1.00
Mignonette.....	.40 to .75
Asparagus Plumosus, per string.....	.25 to .50
Asparagus Plum. Sprays, per 100.....	2.00 to 5.00
Asparagus Sprengerl, per 100.....	2.00 to 5.00
Common Ferns, per 1000.....	2.50
Galax Leaves, Bronze, per 1000.....	1.00
" " Green.....	1.00
Adiantum.....	1.00 to 1.25
Smilax, per dozen.....	1.50 to 2.00
Jonquils.....	.50 to 1.00

All prices subject to change without notice.

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THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
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CUT FLOWER HOUSE
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58 WABASH AVENUE, CHICAGO, ILL.
With the Flower Growers' Co. Telephone—
All telephone and telegraph orders given prompt attention. Central 3067.

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Wholesale Florists.

19 & 21 Randolph St., CHICAGO.

Send for weekly price list and special quotations on 1000 lots.

Wholesale Flower Markets

CHICAGO, May 3.

Roses, Beauty, 30 to 36-in. stems	3.00@ 5.00
" " 20 to 24 " "	1.50@ 2.00
" " 15 to 18 " "	1.00@ 2.00
" " 12 " "	.75
" Liberty.....	6.00@10.00
" Chatenay.....	6.00@10.00
" Bride, Bridesmaid.....	3.00@ 6.00
" Golden Gate.....	3.00@ 6.00
" Gen'l MacArthur.....	4.00@10.00
Carnations.....	1.50@ 2.00
" fancy.....	3.00
Valley.....	2.00@ 4.00
Asparagus Plumosus, per string 25 to 50c	
" " sprays 2.00@5.00	
" Sprengerl.....	2.00@ 5.00
Leucothoe sprays.....	1.00
Galax Leaves, Bronze, per 1000.....	.15
Adiantum.....	1.00@ 1.25
Fancy ferns..... per 1000	2.50@ 3.00
Smilax.....	15.00@20.00
Wild smilax..... per 50-lb. case	7.50

D. WOOD BRANT,

SUCCESSOR TO BRANT & NOE FLORAL CO.

—Grower of—

CUT FLOWERS AT WHOLESALE.

Choice Carnations. Any quantity. Prices very reasonable. Wire or write.

Careful attention given shipping orders.

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Wholesale Cut Flowers

LARGEST GROWER
IN THE WORLD.

Price List.

AMERICAN BEAUTIES—	Per doz.
Extra Select.....	\$ 4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00
15-inch stems.....	1.50
12-inch stems.....	1.25
Short stems.....	.75 to 1.00
	Per 100
LIBERTY.....	\$5.00 to 10.00
CHATENAY.....	5.00 to 8.00
MAIDS AND BRIDES.....	5.00 to 8.00
PERLE.....	5.00 to 8.00
SUNRISE.....	5.00 to 8.00
UNCLE JOHN.....	5.00 to 8.00
CARNATIONS.....	2.00 to 3.00

All flowers are perfectly fresh and properly packed. No charge for P. & D. on orders over \$5.00.

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Wholesale Growers of

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All telegraph and telephone orders given prompt attention.

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All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.
FLORISTS' SUPPLIES all kinds.
Long Distance Telephone, 6268-6267 Main.

GRAFTED ROSE STOCK.

Now is the time to order for summer flowering.
KAISERIN and CARNOT, 2 1/4-inch pots, \$15.00 per 100; \$120.00 per 1000
OUR ROOT STOCK.
KAISERIN, CARNOT, BRIDE and BRIDESMAID, 2 1/4-inch pots, \$4.00 per 100; \$35.00 per 1000.
I have splendid plants of AMERICAN BEAUTY, clean and free from spot; \$8.00 per 100; \$50.00 per 1000.
W. H. ELLIOTT, Brighton, Mass.

—THE—
J. M. McCullough's Sons Co.
WHOLESALE FLORISTS
ALSO SUCCESSORS TO
THE CINCINNATI CUT FLOWER CO.
CONSIGNMENTS SOLICITED.
Special attention given to Shipping Orders.
316 WALNUT ST. CINCINNATI, O.
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Wholesale Flower Markets

BOSTON, May 2.

Roses, Beauty, best	20.00@25.00
" " medium	12.00@20.00
" " culls	6.00@ 8.00
" Bride, Bridesmaid	4.00@ 6.00
" Extra	8.00@12.00
" Liberty	1.00@ 8.00
Carnations	1.00@ 1.50
" Fancy	1.00@ 2.00
Lily of the valley	2.00@ 3.00
Smilax	12.00@16.00
Adiantum	1.00
Asparagus	35.00@50.00
Violets	.85@ .50

PHILADELPHIA, May 2.

Roses, Tea	4.00@ 6.00
" extra	8.00@10.00
" Liberty	6.00@18.00
" Queen of Edgely, extra	15.00@25.00
" firsts	10.00@12.00
" Beauty, extra	15.00@25.00
" firsts	10.00@12.00
Carnations	1.50@ 4.00
Lily of the valley	3.00@ 4.00
Asparagus	25.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Gardenias	.12@ .15
Mignonette	2.00@ 3.00
Easter lilies	6.00@ 8.00
Callas	6.00@ 8.00
Sweet Peas	.75@ 1.50

BUFFALO, May 2.

Roses, Beauty	4.00@25.00
" Bride, Bridesmaid, Meteor	3.00@10.00
Carnations	1.50@ 4.00
Harrisii	6.00@10.00
Lily of the valley	2.00@ 4.00
Asparagus, strings	40.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Lilium Loogiflorum	6.00@10.00

Pittsburg Florists' Exchange,

WHOLESALE FLORISTS
and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.
Send for weekly price list and prices on large orders.
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J. B. MURDOCH & CO.

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FLORISTS' SUPPLIES.

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128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.
Wild Smilax | Flowers Billed at Market Prices.
Shippers of choice Cut Flowers and Greens of all kinds. Try us.

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Wholesale Florist
402 Pine St., ST. LOUIS, MO.

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422 Pine St., ST. LOUIS, MO.
A Complete Line of Wire Designs

Beauties and Valley } **THE LEO NIESSEN CO.**
1217 Arch St., PHILADELPHIA, PA.
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KENNICOTT BROS. COMPANY
40-42-44 Randolph St., CHICAGO.
Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.
Please mention the American Florist when writing.

PHILADELPHIA CUT FLOWER CO.
HIGH-GRADE CUT FLOWERS.
1516-1518 Sansom Street, Bell and Keystone Phones. PHILADELPHIA, PA.
Open 7:30 a. m. to 8 p. m.

THE RELIABLE Commission House,
Jos. S. Fenrich

Bell Telephone, 324
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CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

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American Beauties, Orchids, Roses,
Carnations, Violets, and Every Variety of
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Tel. 187 Madison Square.

Open every day at 6 a. m.

Telephone No. 756 Madison Square.



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Advice of sale note daily. Statement and check weekly. All consignments large or small receive the same attention. **CORRESPONDENCE INVITED.**

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Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

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Special American Beauties,
 Surpassing Carnations,
 Lily of the Valley, Orchids
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Telephone 1905 Madison Square.

Original Pioneer House—Established 1871.

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Are the best product of the best growers for the New York Market.

ADANTUM CROWEANUM sold here exclusively.

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Everything in Cut Flowers. Consignments from growers solicited. Prompt returns. Best prices. Satisfaction guaranteed.

Choice Carnations. Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, **Cut Flower Exchange.**

New Telephone No. 798 & 799 Madison Sq.

Wholesale Flower Markets

NEW YORK, May 3.

Roses, Beauty, best.....	10 00@25.00
" " medium.....	3 00@10.00
" " culls.....	1 00@ 2.00
" Liberty, best.....	10.00@25.00
" " medium.....	3.00@10.00
" " culls.....	1 00@ 2.00
" Bride, Bridesmaid, G. Gate. 1 00@ 8.00	
" Kaiserin, Carnot.....	1.50@ 8.00
Carnations.....	1.00@ 3.00
" fancy and novelties.....	4.00
Lily of the valley.....	1.00@ 3.00
Lilies.....	2.00@ 8.00
Smlax.....	10 00@25.00
Adiantum.....	50@ .75
Asparagus.....	20.00@50.00
Tulips.....	1.00@ 2.00
Violets.....	.15@ 1.00

Charles Millang

WHOLESALE FLORIST.

Conservatory connected from which I can ship ferns and decorative plants promptly.

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Tel. 3860 and 3861 Madison Square.

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Florists,

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 Telephone 3559 Madison Sq.

FORD BROS.

Receivers and Shippers of

Fresh Flowers

111 West 30th St., **NEW YORK.**

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The Only House Handling the **Victory**

NEW RED CARNATION
 To be Disseminated 1906. Also a Complete Line of **Choicest Flowers.**

ALEX. J. GUTTMAN, WHOLESALE FLORIST,

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Open for Cut Flower Sales at 6 o'clock Every Morning.

DESIRABLE WALL SPACE TO RENT FOR ADVERTISING.

JOHN DONALDSON, Secretary.

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CONSIGNMENTS SOLICITED.

Prompt Payments. Established 1891.

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AMERICAN FLORIST CO.,

324 Dearborn Street. **CHICAGO, U. S. A.**

EDW. C. HORAN,

55 WEST 28TH STREET,

Telephone 421
 Madison Square.

.....**NEW YORK.**

CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

83 Post Street, SAN FRANCISCO, CAL.
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Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873, Bell, Lindell 678.
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DENVER.

The Park
Floral Co.

J. A. VALENTINE, DENVER, COLO.
Pres.

MILWAUKEE.

C. C. Pollworth Co.
MILWAUKEE, WIS.

Will take proper care of your orders in

WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.
1857 Buckingham Place, CHICAGO.

Growers and importers. The oldest and leading house in Central and Western United States. Decorative plants a specialty. Mail and Wire Orders Get Prompt attention.

A. Gude & Bro.

FLORISTS

1214 F St., WASHINGTON, D. C.

KANSAS CITY.

WILLIAM L. ROCK
FLOWER CO.

Kansas City, Mo.

Palmer's
BUFFALO,
N. Y.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Artistic Designs.***
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Wholesale Flower Markets

ST. PAUL, May 2.

Roses, Beauty, long, per doz.	5.00
" " med. " .200@	4.00
" " short " .75@	1.50
" Liberty	4.00@10.00
" Chatenay	6.00@10.00
" Bride, Bridesmaid	4.00@ 8.00
" Gates and Ivory	4.00@ 8.00
" Perle	4.00@ 6.00
Carnations	2.00@ 3.00
Valley	3.00@ 4.00
Romans, Paper White	3.00
Tulips	3.00
Sweet Peas .....	.75
Callas	12.50
Harrisii	10.00
Smilax	15.00
Sprengrl.	2.10
Adiantum	1.00

MINNEAPOLIS, May 2.

Roses, Beauty, long, per doz.	4.00
" " med. " .75@	2.50
" " short " .50@	.75
" Liberty	4.00@ 8.00
" Chatenay	4.00@ 8.00
" Bride, Bridesmaid	4.00@ 8.00
" Meteor, Golden Gate	4.00@ 8.00
" Perle	4.00@ 8.00
Carnations	3.10@ 4.00
Smilax	15.00@18.00
Asparagus sprays	2.00@ 3.00
Valley	3.00@ 4.00
Adiantum	1.50
Common ferns per 1000	3.00
Callas	12.50
Romans, Paper Whites	3.00
Harrisii	12.50@15.00
Tulips, Daffodils	3.00

CHICAGO.

P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

Please mention the American Florist when writing.

Shaffer FLORIST,

14th and Eye Streets,

'PHONE, WASHINGTON, D. C.
2416 Main.

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NEW YORK.

LEIKENS

7 East 33rd St., Near Waldorf-Astoria.

Telegraph orders from any part of the country for Boxes, Flowers or Designs for deliveries at residences or steamers faithfully filled.

Please mention the American Florist when writing.

GEO. H. COOKE,
FLORIST

Connecticut Avenue and L Street,
WASHINGTON, D. C.

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ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.

Please mention the American Florist when writing.

GALVESTON.

Mrs. Chas. Eickholt,
2319 AVENUE M,
GALVESTON, TEXAS.

Cut Flowers, Floral Designs, Decorations.

Telephone 1087. All mail, telegraph or telephone orders promptly and artistically filled.

Please mention the American Florist when writing.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.
'Phone 1801 and L. 1682.

SPRINGFIELD.

Mark Aitken
FLORIST.

378 Main St., Springfield, Mass.

ALEX. B. GARDEN,

441 Center Market, WASHINGTON, D. C.

Carnations, Roses, etc.

Wholesale and retail. Telegraph or 'phone.

ELECTROS...

For Catalogue Purposes.

WE have a large assortment of strictly high-class halftones of which we can supply electros suitable for catalogue illustration. If you need anything in this way, state your requirements and we will submit proofs of the illustrations in stock.

Price for cash only 16 cents per square inch.

THE AMERICAN FLORIST CO.,
.....324 Dearborn St., CHICAGO.

CRASSULA HYBRIDA

Will make a Standard Easter Plant. Its keeping qualities are above any other kind of flowering plant at present grown. Sample plants in bloom, \$1.50 each; \$15.00 per doz. Young stock, 2½-inch pots, able to make good plants for next season, \$3.00 per doz.; \$15.00 per 100. CASH WITH ORDER.

LOUIS DUPUY, Whitestone, L. I., N. Y.

Please mention the American Florist when writing.

Disappointed

Because your order for 2500 **FIANCEE** was filled with only 500 late rooted cuttings?

So were we but we are not worrying about it. "Why not?" Oh you see we have **RED SPORT** and that never disappoints.

We will plant 2000 more of it than we otherwise should, that's all.

We have sent out 125 000 **RED SPORT** since Jan 1st, on time, and if we have any customer who does not feel he has received full value for his money, he has failed to say so.

RED SPORT is meeting all the requirements of a first-class "holly-berry" red, early and continuous bloomer, giving its heaviest cut around the Christmas holidays and during the winter months when red is in demand at a paying price; a fine flower that never splits, on a long wiry stem that well supports the bloom; a strong healthy vigorous grower and an all-around money maker.

We are still outting 3000 blooms a week that are bringing top prices

We have 20,000 strong plants in 2½-inch pots ready for planting in field or on bench inside, which if kept stopped back until Sept. 1st, will give a heavy cut for Christmas, which we can supply for immediate delivery at \$6.00 per 100; \$50.00 per 1000.

Satisfaction Guaranteed.

A. B. Davis & Son,
CARNATION SPECIALISTS,
PURCELLVILLE, VA.

Please mention the American Florist when writing.

THE AMERICAN FLORIST CO.'S ...Directory

FOR 1905

Hundreds of New Names
and Addresses.

AND contains the usual fully corrected and revised lists of Florists, Seedsmen, Nurserymen, Horticulturists, Landscape Architects, Parks, Cemeteries, Botanical Gardens, Horticultural Societies, Horticultural Supply Concerns of the United States and Canada, Leading Foreign Houses and much other valuable trade information. Price \$2 postpaid.

AMERICAN FLORIST CO.
324 DEARBORN STREET,
CHICAGO, ILL.



Everything in Fancy Cut Flowers.

ORCHIDS A SPECIALTY.

Fancy Valley, Beauties, Tea Roses, Carnations, Callas, Easter Lilies, and all Miscellaneous Stock.

A Large Stock of Asparagus, Adiantum, Common Ferns and all Decorative Material Always on Hand.

Also a fine line of Novelties in Florists' Supplies.

If you want the **BEST** at any Time, or all the Time, send to

CHAS. W. McKELLAR,

Long Distance Phone. Central 3598.
Automatic, 3623.

51 Wabash Ave., CHICAGO

Please mention the American Florist when writing.

The Strike

Has not interfered with us in the least, for with a fine grade of stock to select from we are shipping out orders with our usual promptness, so kindly send your orders along and we will do the rest.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty.....

WHOLESALE
GROWER of

CUT FLOWERS

Please mention the American Florist when writing.

LOOK HERE!

We have a few CANNAS left but going fast at our low price of \$1.00 per 100 for nice plants from Field. Give us a trial order.

SOUTHERN FLORAL NURSERY COMPANY,

Fruitdale, Ala.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention at Alexandria Bay, N. Y., June 20-22, 1905.

THE only noticeable movement in potatoes is toward the dump.

THE annual meeting of the Wholesale Seedsmen's League will be held in New York June 8.

THE onion set market is dead. Sets refuse to move at any price. One dollar is a Chicago price on whites.

VISITED LOS ANGELES: D. M. Ferry and wife, Detroit, Mich., returning from a winter trip to Mexico and southern California.

THE unsettled weather has greatly reduced trade the last three weeks. The effect will be another late season's planting by amateurs.

JACQUES HASSLACH, of Hasslach & Roumanille, St. Remy de Provence, France, is about to sail for the United States in order to visit the eastern seed trade.

PASADENA, CAL.—John Lewis Childs, of Floral Park, N. Y., will grow some of his seeds and bulbs at the Scharff Paradise Nurseries recently acquired here.

A BULLETIN on "Seed Selection According to Specific Gravity," by V. A. Clark, has been issued by the New York Agricultural Experiment Station, Geneva, N. Y.

NEARLY all spot canned goods are selling at low prices. A slight improvement is noticed in better quality peas. A large tomato pack promises very low prices on these goods.

MINNEAPOLIS, MINN.—The Prior Seed Company, of 209 Fifth street south, has taken out a permit for a new store at 304 Seventh street south. The building will be 60x165 feet in size and one story in height. The cost will be about \$10,000.

New York.

Onion sets are getting short in supply in this market.

The Dutch bulb drummers are making their exit this week by way of the various sailings from this port.

Clucas & Boddington have ensconced themselves in new quarters at 131 West Twenty-third street. The new place has a good frontage on a busy shopping street.

3,700 ACRES OF GARDEN SEEDS
IN CULTIVATION.

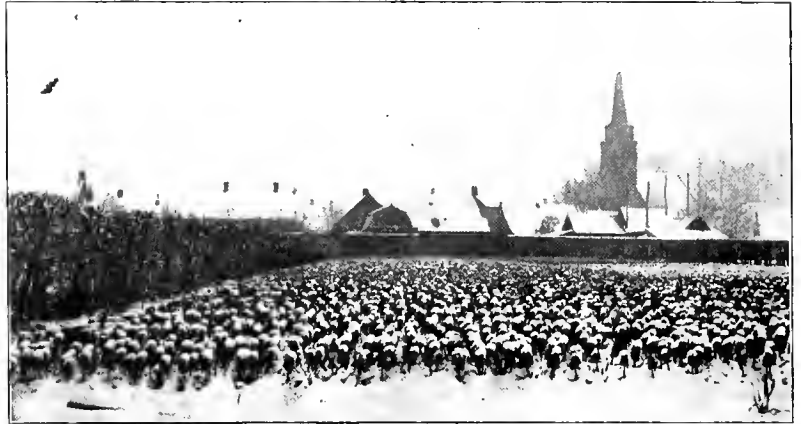
Braslan Seed Growers Co.
Wholesale Seed Growers.

SAN JOSE, CALIFORNIA.

Seedsman Wanted.

Wanted at once, one or two first-class salesmen to travel for a large western seed firm. Experienced men only need apply, but position is permanent for right men. Apply giving all particulars with references to

SEEDS, care American Florist.



HOLLAND BULB CROPS IN SNOW STORM.

Chicago Strike Hurts Local Trade.

The Leonard Seed Company reports business as hardly up to expectations the past week. Owing to the strike few shipments are being made or received.

W. W. Barnard & Company state that business is only fair. All express shipments, on account of the strike, are being made by freight with only slight inconvenience.

Vaughan's Seed Store has been making and receiving express shipments during the strike from points a little distance out of the city, and reports very satisfactory business for this date.

The Spring Business.

W. Atlee Burpee & Company, Philadelphia, Pa.—In common with the trade generally both our retail and wholesale business during February was considerably behind last year. March, however, was the biggest March we have ever had and now in April we are running every day considerably ahead of the corresponding day last year. It is a curious fact which we have often noticed in the seed trade that notwithstanding the different methods of business of various houses the results relatively are apt to be similar.

Dutch Bulb Prospects.

Hillegom, Holland.—Reliable correspondents write as follows under date of April 15: We wrote you April 7, the day we had so much wintry weather. As a curiosity we had a photograph taken that day, which we are sending you. Hyacinths in general fetch a good price in the green sales; some blue and red varieties are a little easier, but the pure whites make that up, being extraordinarily high in price.

Tulips in some localities have suffered much from hailstorms, and from what we have heard, there is a great demand for them. We cannot, of course, say anything of the crop, as hyacinths have to grow the latter half of June, and tulips to the beginning of June.

Quedlinburg Seed Report.

The wholesale seed season now being at an end, a review of how business has been going may interest readers of this journal. The sale, though varying more or less in some lines from that of previous seasons, has been about an average one. Many sorts were sold out soon after the beginning of the season, while others have left considerable surplus stocks.

VEGETABLE SEEDS—LEADING SORTS.

For the following the demand was very brisk, and exceeded more or less the supply: Peas: Daisy, Gradus, these two sorts were the very scarcest, then Within Wonder, Duke of Albany, William Hurst, American Wonder, Abundance, Champion of England, Sunrise, Dr. McLean, Nonpareil, Stratagem, and similar varieties. Scarlet runners beans and all sorts of them exceedingly scarce; Painted Lady, very scarce. There was also a shortage of the following: Beets: Egyptian Turnip-rooted, Early Blood Turnip, Long Blood-red; Carrots, principal sorts; celeriac, chervil, cress; cucumbers, half-long and short varieties; leek, lettuce, a few of the leading sorts; onion, all sorts, excepting white; spinach, nearly all sorts, mostly thick crumpled-leaved round-seeded; parsley, radish, nearly all varieties.

Whereas for the hereafter named articles the demand was below or far below (respectively) the supply: Peas, many of the early round-seeded sorts; beans, some of the large-podded dwarf and running varieties; borecole, cabbage, cucumber, some of the long sorts; endive, kohlrabi; lettuce, several kinds; parsnip; turnips, garden or table sorts.

FLOWER SEEDS.

For most of the sorts the demand was nearly equal, for some below, and for several far beyond the supply. Scarce and very scarce were the following: Nasturtiums, Phlox Drummondii, aster, some of the finer varieties: marigold, French and African; wallflowers, some varieties; Alyssum Benthami compactum, and procumbens; ageratum, coreopsis, candytuft, chiefly Empress; Delphinium Cashmerianum and nudicaule; nemophila; Salvia patens; Wahlenbergia grandiflora.

FARM SEEDS.

Mangel wurzel, nearly all sorts met with a reasonable demand. The demand for sugar beet exceeded by far the supply. Turnips and swedes, very little demand so that considerable surplus stocks are left.—Horticultural Trade Journal.

DULUTH, MINN.—Eischen Brothers, florists, have moved into their new quarters in the New York block.

LEONARD SEED CO.
Write for Prices. WE ARE HEADQUARTERS FOR Flower Seeds and Bulbs
ONION SETS.

WHOLESALE SEED GROWERS
Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now. Beans, Peas and Garden Seeds. WRITE FOR PRICES.
CO. CHICAGO.

Seasonable Stock. IN EASTER LILIES, HYDRANGEAS, GENISTAS, SPIRAEA GLADSTONE, RHODODENDRONS.

**Palms, Ferns and
Decorative Stock.**

**R. DREYER, WOODSIDE,
L. I., N. Y.**

Please mention the American Florist when writing.

For Sale

One of the very choicest private collections of **ORCHIDS** in this country. Write for particulars.

Louis F. Mueller,
100 Washington Street,
CHICAGO.

Please mention the American Florist when writing.



**"FOLLOW
THE FLAG"**

WABASH Summer Tours

Write today for a Free copy of **WABASH Summer Tour Book—1905**, outlining many very attractive summer vacation trips, with rates, etc.

Write us about any tour you may have in contemplation. We shall be glad to assist you.

C. S. CRANE, G. P. & T. Agent, ST. LOUIS.
F. A. PALMER, A. G. P. Agent, CHICAGO.

Please mention the American Florist when writing.

THE HORTICULTURAL TRADE JOURNAL.

The largest, brightest, and best advertising medium for the Horticultural Trade in Great Britain, published weekly. Also

THE INTERNATIONAL HORTICULTURAL TRADE JOURNAL.

Published quarterly. Both mailed post free for one year for One Dollar.

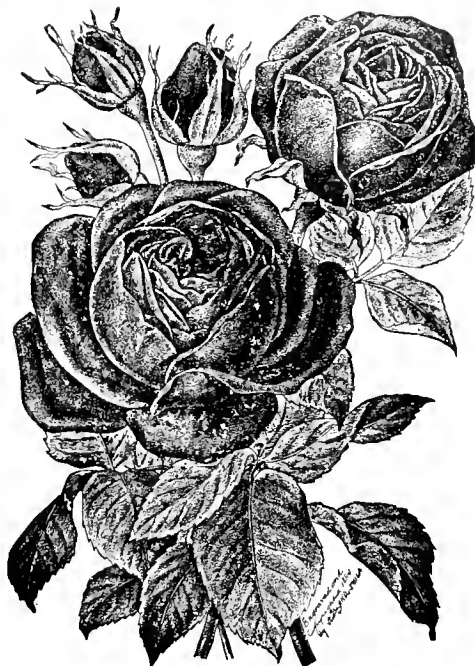
—PUBLISHERS:—

**THE HORTICULTURAL PRINTING COMPANY,
BURNLEY, ENGLAND.**

Please mention the American Florist when writing.

Dreer's Select Roses For Outdoor Planting

The following varieties are offered in prime condition for retailing, field-grown plants which were potted up during December, and January were stored in cold houses, and which are now showing a fresh natural growth which will make them sell on sight. All are strong heavy plants in five and six-inch pots, according to variety.



GRUSS AN TEPLITZ.

	Per doz.	Per 100		Per doz.	Per 100
Paul Neyron.....	\$3.00	\$35.00	Rodocanachi.....	3.00	25.00
Pride of Waltham.....	3.00	25.00	Soleil D'Or.....	3.00	25.00
Prairie Queen.....	2.50	20.00	Star of Waltham.....	3.00	25.00
Queen of Queens.....	3.00	25.00	Tom Wood.....	3.00	25.00
Rugosa.....	2.50	20.00	Ulrich Bruoer.....	3.00	25.00
Alba.....	2.50	20.00	Victor Verdier.....	3.00	25.00
			Wichuraiana.....	2.00	15.00

For a full and complete list of Roses as well as for a complete line of seasonable stock (especially for the now so popular Hardy Perennials for which we are headquarters) see our current wholesale list.

HENRY A. DREER, ⁷¹⁴ Chestnut St., Philadelphia, Pa.

CRIMSON RAMBLER

5,000 strong, well-established plants from 2¼-inch pots for immediate planting; also 500 to 600 **PINK RAMBLER**. All at \$25.00 per 1000. **Cash with order.**

JOHN N. MAY,
Summit, New Jersey.

Pandanus Veitchii

Each
5-in. pots, \$.85
6-in. pots, 1.00

Pandanus Veitchii, specimens 30 to 32 inches high from top of soil..... \$2.50 each
Plants finely shaped and evenly variegated. Extra good value

Begonia Gloire de Lorraine, strong plants, 3 inch pots..... \$25.00 per 100
Begonia Turnford Hall (new), strong plants, 3-inch pots..... \$0.00 per 100

NOW READY FOR DELIVERY.

Boston Fern, 8-inch pots..... \$15.00 per doz.
Pierson Fern, 8-inch pots..... 15.00 per doz.

Fine Plants. Good Value.

J. A. PETERSON, Cincinnati, O.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June 14-16, 1905.

THE forestry building at the Lewis and Clark exposition is made of logs.

CAMELLIA plants thrive finely in southern California. Why should they not be grown there to meet the reviving demand?

HUNTSVILLE, ALA.—William Cooke, of Chattanooga, Tenn., was here for several days visiting the various nurseries in this locality.

SPRINGFIELD, O.—The United States Nursery Company, of this city, has 130 acres of ground in roses on its plantation near Rich, Miss. The company will have 2,000,000 plants for sale within a few months.

W. W. PERKINS, of Orange, Cal., is spending some time in Modesto, Cal., in a study of conditions there. If satisfied, he will probably secure about 100 acres of land for the extension of his present business, that of rose culture.

CALDWELL, KAN.—A. M. Mallory has leased a tract of land here and will soon commence setting out a nursery. Mr. Mallory is an experienced nurseryman and expects to make the enterprise a permanent fixture. The name will be the Caldwell nursery.

CALIFORNIA has a state law which provides for the planting of street trees under general tax on property improved provided a majority of property owners on a street petition for it. The law has never been put in practice, but a test case is now to be made by a local improvement association in Los Angeles.

LANSING, MICH.—Governor Warner is holding up Senator Cropsey's horticultural bill. This bill allows the state board of agriculture to appoint a nursery inspector who may appoint as many deputies as he may desire and with no limit to salary of same. It also does not restrict the amount to be spent on inspection for the prevention of the various pests.

Newport, R. I.

TRADE VERY STEADY.

Since Easter the trade with both florists and seedsmen has been very steady, and much better than expected when it is remembered how very cold the weather still keeps here. Seeds sell well, but it keeps so persistently cold that the large volume of seed orders being placed every day clearly indicates what a splendid season with the seedsmen 1905 will prove to be. Our florists are also quite busy, in fact, more so than usual after a holiday. Prices for cut flowers have dropped back to about where they were, and are as follows: Carnations, 60 cents to 75 cents a dozen; all bulb stock, 40 cents to 50 cents; roses, \$1.50 to \$2; violets, 50 cents per bunch of 25 flowers, and Harrisii lilies, 20 cents each.

NOTES.

William Jurgens is cutting some very fine lily of the valley and narcissus in all the best commercial sorts. Mr. Jurgens' trade is increasing very rapidly and he is now having another house built, 25x200 feet, to accommodate his growing business in this line.

Bruce Butterton, the head gardener for E. J. Berwind, Esq., has just returned from a short New York trip and reports everything very backward with us; in fact, our season is three weeks or more late, no shrubbery as yet having started.

Mr. Summers, of Sharon, Mass., who recently has been the seedsman for the George A. Weaver Company, and Miss Sarah Nolan, who for some eight years has been with the same firm, are both severing their connection with the firm.

William B. Scott & Company have been having a special sale of Crimson Rambler roses in all sized pots, from 50 cents to \$2 each. The returns show this

A little asparagus is being cut, and sells for 25 cents a pound; rhubarb started this week also, but 3 cents a pound was the top price the growers could obtain.

Several carloads of hardy rhododendrons have arrived and are being planted at Oakland Farm for Alfred G. Vanderbilt, Esq.

BABY RAMBLER.

Everblooming Dwarf Crimson Rambler. A gem among Roses. An everblooming, dwarf reproduction of Crimson Rambler. Always in bloom. Every florist in the land should have it. 2 1/2-inch pot plants, now ready for delivery, \$2.50 per doz.; \$17.50 per 100; \$150.00 per 1000.

The Dingee & Conard Co., WEST GROVE, PA.
Please mention the American Florist when writing.

EVERGREENS Large Assortment.

Specialties—White Pine, Hemlock and Large Evergreens. Spring List for details.

Andorra Nurseries,
Wm. Warner Harper, Prop. CHESTNUT HILL, PA.

Please mention the American Florist when writing.

Send to **THE MOON** Company

For Trees, Shrubs, Vines
Your and Small Fruits.

Descriptive Illustrated Catalogue Free
THE WM. H. MOON CO.
Morrisville, Pa.

700,000 Cal. Privet

	Per 100	1000
3 yrs., 2 1/2 to 3 ft., extra heavy.....	\$3 25	\$28 00
3 yrs., 2 to 2 1/2 ft., well branched.....	2 50	23 00
3 yrs., 18 to 24 in., " " " " " " " "	2 00	15 00
3 yrs., 12 to 18 in., 4 to 8 branches.....	1 50	10 00
ys., 3 1/2 to 4 ft., very heavy.....	3 00	25 00
ys., 2 1/2 to 3 ft., well branched.....	2 25	18 00
ys., 2 to 2 1/2 ft., " " " " " " " "	2 00	15 00
2 yrs., 2 to 2 1/2 ft., 3 to 6 branches.....	1 50	10 00
2 yrs., 18 to 24 in., 5 to 8 " " " " " " " "	1 50	10 00
1 yr., 14 to 20 in., 2 to 4 " " " " " " " "	1 25	7 00
1 yr., 10 to 14 in., 1 to 2 " " " " " " " "	1 00	5 00
Cuttings, strong.....	.75	
Tree form, 3 yrs., heads 4 to 5 feet.....	25c each	

All the above plants have been transplanted and cut back except one year, which makes them a clean, good stock. Parties wanting 5,000 or over, will write and get better rates.

River View Nurseries
J. H. O'HAGAN.
LITTLE SILVER, N. J.

Cottage Gardens Co. Inc.

QUEENS, LONG ISLAND, N. Y.
SPECIALISTS:

PEONIES, CARNATIONS AND SPECIMEN NURSERY STOCK.

New Rose Wellesley

Own root plants. \$25.00 per 100.

Waban Rose Conservatories

JOHN N. MAY, Summit, N. J. Natick, Mass.

NOTICE.

W. van Kleef & Sons

Wholesale Growers of Nursery Stock.

BOSKOOP, HOLLAND.

Beg to announce that their representative, W. van Kleef, Jr., is again in America calling on the trade. All correspondence during April and May, care Maltus & Ware, 136 Water St., New York.

CALIFORNIA PRIVET CHEAP

100,000 well grown plants, 3 to 4 feet, selected, \$4.00 per 100, \$25.00 per 1000. 2 1/2 to 3 1/2 feet, 7 or more branches, \$2.50 per 100; \$17.50 per 1000; 20 to 30 in., 5 or more branches, \$2.00 per 100; \$13.00 per 1000. 18 to 24 in., light, 2 years, 3 or more branches, \$1.50 per 100, \$7.00 per 1000. All of the above boxed, f. o. b. here. For car or large lots write before placing your orders.

CHAS. BLACK, Hightstown, N. J.

Beautiful Grounds.

An Illustrated Manual containing suggestions on Lawn Making, Planting and care of Shrubs and Trees, with names and descriptions of varieties hardy and of merit. Also information regarding Landscape Plans, Topographical Surveys, etc. A book you will often refer to. Send for it to-day. Free on application.

Peterson Nursery, 503 W. Peterson Ave., Chicago.

Jacs Smits, Ltd. NAARDEN. (HOLLAND.)

Wholesale Growers of Hardy, Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilacs a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries.

NAARDEN-BUSSUM, near Amsterdam, in our R. R. Depot.

Mailing address during April and May:

JACS SMITS, care MALTUS & WARE,

136 Water Street, New York City.

Please mention the American Florist when writing.

ROSES

Fine, Clean Stock, from 2 1/2-in. pots.

Maman Cochet	Marie Van Houtte
White Cochet	Gruss an Teplitz
Yellow Cochet	F. Kruger
Hermosa	Perle des Jardins
Marechal Niel	Mme. Welche
Meteor	Safrano
Climbing Meteor	Lamarque
Burbank	White La France
C. Souper	Striped La France
Etoile de Lyon	Climbing Wootton
Ivory	Souv. de Wootton
Golden Gate	Duke of Albany
Bride	Helen Gould
Bridesmaid	Papa Gontier
Duch. de Brabant	Chatenay
Bon Silene	Folkestone
Agrippina	Media
Pillar of Gold	Antoine Rivolre
Solfaterre	Mulmaison
Marie Guillot	Clara Watson

\$2.50 per 100. \$20.00 per 1000.

Packing light and free, and satisfaction guaranteed. Terms cash. Please do not send personal checks.

R. H. MURPHEY & SON

URBANA, OHIO.

Please mention the American Florist when writing.

Pansies 200,000 Pansies

Fine large transplanted plants, prize strain of the famous large flowering Bugnons, Casaliers, Odier and Trimardeau. Stocky plants from cold frame, 50c per 100; \$3.00 per 1000. Extra large plants coming in bud, \$1.00 per 100.

Mammoth Verbenas, 60c per 100; \$5.00 per 1000; 2 1/2 in. pots, in bud and bloom, \$1.50 per 100; \$12.00 per 1000.
 Stocks, dbl. white for Easter, \$1 per 100 \$3 per 1000.
 Daisies, dbl. white, 75c per 100; \$5.00 per 1000.
 Feverfew, dbl. white, \$1.00 per 100; \$8.00 per 1000
 Lobelia, dwarf blue, \$1.00 per 100; in bud and bloom, 3-inch, \$4.00 per 100.
 Coleus, mixed colors, 2 1/2-inch, \$1.50 per 100.
 Ageratum, dwarf blue, 60c per 100.
 Pelunias double fringed; dark blue Heliotropes, bud and bloom, 4-inch, \$6.00 per 100
 Pansies, in bud and bloom, \$1.00 per 100.

HILL TOP GREENHOUSES, 15 Gray Ave., Utica, N. Y.

TREES

Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collection in this country.

Gold Medal—Paris—Pan-American—St. Louis, 102 prizes New York State Fair, 1904.

Illustrated Descriptive Catalogue FREE on Request.

ELLWANGER & BARRY

Mt. Hope Nurseries, Rochester, N. Y.
 Drawer 1044 V Established 65 Years.

Please mention the American Florist when writing

Silver Ribbon Grass

The new hardy perennial. The finest ornamental grass to be had—perfectly hardy can be used indoors and out, grows rapidly and does not turn green or run to seed. Strong field-grown roots, 15c each by mail, postpaid. \$1.25 per dozen; \$6.00 per 100 by express, charges not prepaid. Can fill orders at any time. Terms cash with orders.

James Vick's Sons,

ROCHESTER, N. Y.

Please mention the American Florist when writing.

—THE— Tottenham Nurseries, LTD.

Established 1872.

A. M. C. VAN DER ELST, Managing Director.
Dedemsvaart, (Holland.)

Headquarters for Hardy Perennials (among which are the latest and choicest) 13 acres devoted to growing this line as Anemone, Aster, Campanula, Delphinium, Funkia Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata, and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres Daffodils, 12 acres Conifera, (specially young choice varieties to be grown on), 3 acres Rhododendrons (also the best American and Alpine varieties), 2 acres Hydrangeas. We make it a point to grow all latest novelties in these lines. Ask for catalogue.

Headquarters for **COLEUS**

Per 1000

Rooted cuttings of Golden Bedder and Verschaffeltii..... \$ 6.00
 Rooted cuttings, mixed..... 5 00
 2 1/2-inch pots..... 15 00
 The above ready for shipment. Cash with the order.

J. E. FELTHOUSEN, Schenectady, N. Y.

SPHAGNUM MOSS Clean and fresh shipment, direct from the swamp. 5 barrel bales, \$1.25; 3 bales, \$3.25; 5 balea, \$5.00.

H. R. AKERS, Chatsworth, N. J.

ORDER NOW



HARDY SHRUBS, RAMBLERS and HYBRID ROSES FOR SPRING SALES

GRUSS and TEPLITZ, strong, 2-year old.....	Doz.	100	\$2.00	\$15.00
HERMOSA, strong, 2-year old.....	2.25	16 00		
CLOTHILDE SOUPERT, strong field plants.....	1.50	10 00		
AMERICAN BEAUTY, Own roots	1.50	10 00		
KAISERIN AUG. VICTORIA.....	2.10	15 00		
PAUL NEYRON, budded.....	2.00	15 00		
LA FRANCE, budded.....	2.00	15 00		
MME. PLANTIER, own roots.....	1.50	10 00		
TREE ROSES, H. P. sorts.....	5.00	40 00		
" Crimson Rambler.....	6 00	50 00		
CRIMSON RAMBLERS, strong, 2-year old No. 1.....	2.00	15 00		
2-year old, No. 2.....	1.50	10 00		
Strong, 3-year old, No. 1.....	2 50	18 00		
H. P. ROSES, grafted 2-year-old, dormant, Perle des Blanches, Capt. Christy, Fisher Holmes, General Jacqueminot, Mme. Gabriel Luizet, Magna Charta Mrs. John Laing, Ulrich Brunner, etc., all at.....	1.50	11 00		

FLOWERING SHRUBS.

AZALEA MOLLIS, mixed kinds, 20 buds.....	.40	4 00	30 00	
		Doz.	100	
CLEMATIS JACKMANI, 2-year-old.....	\$2.50	\$20.00		
CLEMATIS, in ast'd kinds, 3-year-old.....	3.50	25.00		
AMPELOPSIS VEITCHI, 3 to 4 ft., heavy.....	2.00	16 00		

AMPELOPSIS VEITCHI, 2 to 3 ft., heavy.....	Doz.	100	1 75	14 00
ARISTOLOCHIA SIPHO, 3 to 4 ft., heavy.....			3 50	

BOX TREES (Buxus Sempervirens).

New importation, just arrived in fine condition.

Standard or Tree Shaped , stems about 2 1/2 feet, crowns 2 feet in diameter, each \$4.00	
Bush Shaped , very fine bushy plants.	
18 to 20 inches high, each.....	1.00
2 1/2 feet high, each.....	3 00
3 1/2 feet high, each.....	4 00
Pyramidal Shaped , fine shapely trees,	
3 feet high, each.....	2 50
3 1/2 feet high, each.....	3 00
4 feet high, each.....	4 00

PEONIES. In case lots.

We have this year secured a fine lot of Pæonia Chimensis in fancy named sorts, suitable for Florists' use, all young roots, one year from divisions and with three to five eyes. These cases contain 67 double white, 66 double pink, 67 double red, each sort named. 200 roots in all. We offer them at the low price of \$20.00 per case, or 3 cases for \$55.00. We cannot break cases at these prices.

In Separate Colors. Strong roots, averaging 3 to 5 eyes.	Doz.	100		
Double red and crimson.....	\$1.50	\$12 00		
Double white.....	1 50	12 00		
Double pink.....	1 25	10 00		
Double, all colors mixed.....	1 00	8 00		
DIELYTRA SPECTABILIS.....	1 00	7 00		
SHASTA DAISY, 3-inch pots.....	.75	6 00		

VAUGHAN'S SEED STORE, Chicago.

Greenhouses and Nurseries, Western Springs, Ill.



RHODODENDRON MAXIMUM

And other Broad-Leaved EVERGREENS by the car load or in smaller quantities.

Ornamental TREES, SHRUBS and ROSES in great variety. HERBACEOUS PERENNIALS by the thousand.

See our Special Herbaceous Catalogue and Wholesale Trade List. Send for them now.

BAY STATE NURSERIES, North Abington, Mass.

New Dahlias of Proved Merit.

Embracing a complete set of 12 New Century Dahlias; 25 New Cactus Dahlias; New Collarette Dahlias; New Giant-Flowered Dahlias; New Fancy Dahlias; New Decorative Dahlias; New Show Dahlias; New Single Dahlias. In all, 38 of the most wonderful Single Dahlias ever produced, and 41 of the grandest Double Dahlias.

All exquisite in form, shape and coloring; free bloomers and Money Makers. Faithfully and truthfully described in our new illustrated descriptive catalogue, mailed free upon request.

L. K. PEACOCK, Inc., Atco, N. J.

Please mention the American Florist when writing.

DAHLIA KAISERIN AUGUSTA VICTORIA:

The Best White Dahlia in Existence. My own importation. I control the entire stock of it. Flowers double, of the purest white, 4 to 5 inches in diameter. A wonderful bloomer. Stems, 12 to 18 inches long. Plants 3 to 3 1/2 feet high. The finest plants from cuttings. Good strong stock from 2 1/2-inch pots, \$3.00 per doz.; \$20.00 per 100. Delivery May 1st. Orders filled in rotation. Early booking suggested. Highly commended by the American Institute and the New York Florists' Club. Address

A. L. MILLER, Jamaica Ave., Brooklyn, N. Y.

Please mention the American Florist when writing.

DO YOU KNOW?

That we grow more **STOKESIA CYANEA** than all other dealers put together. We have plants of all sizes and of the best quality. Our prices are lower than others because we furnish them with their seed as we grow nearly all the seed in the world. We have a few pounds yet. Write us for prices and if you send stamps we will mail you sample of our plants.

SOUTHERN FLORAL NURSERY COMPANY, Fruitdale, Ala.

Bulbs and Plants.

For florists' use, spring or fall delivery. We import to order. Let us appraise your wants.

AUGUST RÜLKER & SONS, 31 Barclay St., NEW YORK, P. O. Box 752

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

GARDENER: "This here is a tobacco plant in full flower." Lady: "How very interesting! And how long will it be before the cigars are ripe?"

At Chicago.

The bowlers wish to extend thanks to Captain A. T. Simmons, the Sixty-third street florist, for his kind invitation to bowl on the Seventh Regiment alleys May 2. A party of about twenty-five, including the wives of some of the bowlers, accepted the invitation and spent a most enjoyable evening.

The lady bowlers made the following scores:

Player.	1st.	2d.	3d.	Tot.
Mrs. Asmus	104	112	103	319
Mrs. Scott	102	115	89	306
Mrs. Kreitling	105	131	112	348
Mrs. E. F. Winter-son	107	88	85	280
Mrs. L. H. Win-terson	81	63	63	144

At Denver.

Bowling scores for April 24 are appended. There will be two more meetings, and as the contest is very close between Teams 3 and 4 for the final prize, which is \$40, I believe, it is quite exciting.

TEAM NO. 4.				
Player.	1	2	3	Tot.
Frazer	166	153	148	467
Kennedy	158	173	147	478
Bush	136	163	184	483
Scott	145	163	166	474
Totals	605	652	645	1902

TEAM NO. 2.				
Player.	1	2	3	Tot.
Cooper	98	148	181	427
C. Benson	145	122	135	402
C. Mauff	185	191	157	533
Glauber	128	168	148	444
Totals	556	629	621	1806

TEAM NO. 1.				
Player.	1	2	3	Tot.
Brenkert	146	147	155	448
Valentine	187	167	175	529
Benson	162	188	154	504
Dummy	134	160	115	409
Totals	629	662	599	1890

TEAM NO. 3.				
Player.	1	2	3	Tot.
Zimmer	135	204	156	495
Kruth	211	231	177	619
Mohan	161	153	163	477
Dummy	164	202	141	507
Totals	671	790	637	1998

To An Easter Lily.

O lovely Lily of the field,
Nor toiling, it is said, nor spinning,
Is on your face a blush revealed
At earthly sinning?

You, gazing at the heaven's blue,
You whom we annually "consider,"
Yet in your innocence sold to
The highest bidder!

O Lily, have you seen the strife
Of high finance, frenzied and fiery?
The Equitable Simple Life?
The Gas Inquiry?

Lily, since things on earth are thus
It were impossible to paint you—
We think that you're displeased with us—
Now honest, ain't you?
—New York Mail and Express.

Pittsburg.

BUSINESS SLUMPS.

Business for the past week has been below its normal condition. Stock of all kinds, with the exception of carnations, is piling up in the commission houses, and there is no hope for immediate relief. Easter business seems to have been satisfactory to all, and in several cases it is reported as being exceptionally good. Finer blooming stock was never exhibited or sold in this market before, and the same may be said of all cut stock. American Beauty, Jacqueminot, moss roses, orchids and violets met with an unusual sale.

NEWS NOTES.

The Florists' Exchange have now installed their new refrigerator on the first floor of their building. They report Easter business as being larger than any two preceding holiday periods combined, but were badly swamped with bulb stock, which was over abundant.

Geddes & Blind Brothers surpassed their Easter expectations, and cleaned up everything in the blooming plant line. Their output of bulbous stock reached a marvelous number, 2,300 Dutch hyacinths in 4-inch pots being disposed of at the south side store.

G. L. Huscroft, of Steubenville, O., recently purchased eleven acres of land on which he will erect a range. Mr. Huscroft's business has so developed that every department is overcrowded at the present location.

Chicago shippers are having trouble getting their shipments to Pittsburg on scheduled time. Some shipments are arriving from twenty-four to thirty hours late, the present strike there causing the delay.

Mrs. E. A. Williams again decorated the hall and banquet tables for General Grant's birthday celebration, held by the Americus club at Hotel Schenley on April 26.

J. B. Murdock & Company will add a new section to their large refrigerator; it will measure 6x12x20 feet. Shelving will also be placed for storing supplies.

Randolph & McClements have a record number of weddings booked for May and June.

The subject for the club meeting, May 2, will be "Bedding Plants and Pansies."
E. L. M.

Buffalo.

AFTER-LENTEN RUSH.

The usual rush after the Lenten season was no exception this year, and last week was a busy one for all. There will be a let-up this week, as Easter coming so late gave us the one week before the moving day which puts nearly everyone out of society for a time. There will be no changes among the florists this year. The Easter trade was in excess of last year. Roses are very plentiful and the late lilies are coming on very fast. Bulb stock has been scarce since Easter.

NOTES.

All florists that are Elks should arrange to be in Buffalo July 10 to 15, as there will be great things doing all week. W. F. Kasting is on the finance committee. This insures a good time, for he is a hustler. W. Palmer, Lou Rapin and Andy Adams will also try and make it pleasant that week.

There are bright prospects for a good trade this season for all landscape gardeners, and the greenhouse men look forward to an unusual trade in bedding stock. Several large private residences are planning for fall work.

It is said that in a short time the Albright greenhouses will be replaced by larger and finer houses and the grounds entirely changed. M. Sandiford will then have more room to grow his excellent stock.

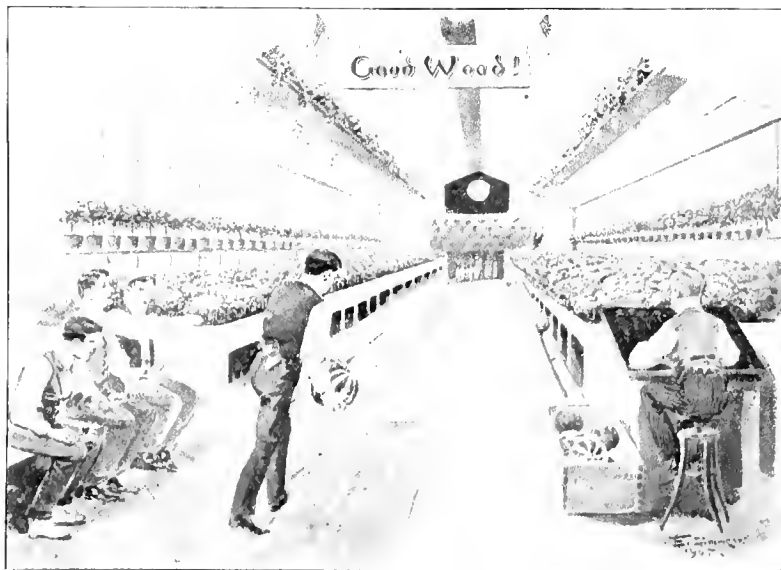
Since the baseball season has opened in Buffalo it might be well to address a part of the mail for the "Sage of Corfu" to his Buffalo address. We understand he has joined the "Rooters Club."

A report is out that George Urban, Jr., has sold his handsome house and grounds at Pine Ridge to one of our educational institutions.

M. Holmes, the able manager for R. M. Rebstock, will certainly be a permanent Buffalonian—he is to be married this week.

S. A. Anderson and wife are in Cleveland for a week.

BISON.



GREENHOUSE BOWLING ALLEY.—Moller's Gartner-Zeitung.

We Want to Move

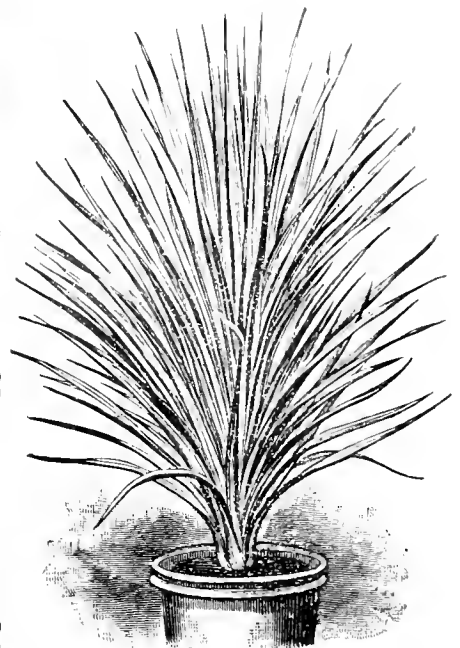
THE FOLLOWING STOCK WHICH IS IN FINE CONDITION.

Variety.	Size	Height	Leaves	Each	Dozen	100
Kentia Belmoreana	3 1/2	12-14	5-6		\$ 2.00	\$15.00
"	4	15-17	5-6		3.00	25.00
"	6	24-26	6-7	1.50	18.00	
"	7	34-36	6	2.50	30.00	
"	10	46-50	7-8	7.00		
Kentia Forsteriana	6	23-30	5	1.25	15.00	
"	7	32-36		2.10	24.00	
"	8	34-38	5-6	2.50	30.00	
"	10	48-56	6-7	7.00		
Latania Borbonica	3				1.00	7.00
"	3 1/2	11-13	4-5		1.50	12.00
"	7	26-30	7	1.00	12.00	
"	8	30-34	7-8	1.25	15.00	
Phoenix Canariensis	8	38-42	10-12	3.00		
Ficus Elastica	4	10-12		.25	3.00	
"	5	16-20		.35	4.50	
Araucaria Excelsa	4	trs.	2-3	.50	6.00	
"	5	trs.	3-5	.75	9.00	
"	6	trs.	3-5	1.25	15.00	
"	6	trs.	3	2.00		
Compacta	6					
Cocos Weddelliana	3				2.50	
Pandanus Utilis	3				2.10	
"	5				5.10	
"	6				9.00	

Variety	Size	Each	Dozen	100
Poa Triv. Var. for ferneries	3			\$ 6.10
Crotons	3	\$1.50		
"	4	3.00		
Cibotium Scheidii	6	1.50	18.00	
"	7	2.00	24.00	
Adiantum Cuneatum	4	1.50	12.00	
"	5	2.00	15.00	
Dracaena Fragrans	4	3.00		
"	5	5.00		
"	7	9.10		
Dracaena Massangeana	5	\$1.00	\$12.00	

Variety	Size	Each	Dozen	100
Asparagus Plumosus	2			\$ 3.00
"	3			1.00 8.00
"	4			1.50 12.00
" Sprengeri	3			.75 6.00
"	4			1.50 10.00
"	5			2.00 15.00
"	6			3.00 20.00
Dracaena Ter., height, 23 24.	6	.75	9.00	
Fittonia Verschaffellii	2			\$5.00

Fine for ferneries.



DRACAENA INDIVISA.

Variety	Size	Each	Dozen	100
Dracaena Indivisa	4		\$1.50	\$10.00
"	5		3.00	
"	6		5.00	
Maranta Massangeana	2			5.00

Fine for ferneries.

We have a fine lot of Dracaena Indivisa as quoted in List.

The **GEORGE WITTBOLD COMPANY,** 1657-1659 Buckingham Place, CHICAGO.

Asparagus Plumosus

From 4-in., at \$12.50 per 100; 3 1/2-inch, \$10.00; 3-inch, \$7.00; 2 1/2-inch, \$4.00 per 100.

Asparagus Sprengeri, 4-inch, \$8.00; 3-inch, \$5.00 per 100.
 Alyssum, (Sweet), double and the dwarf, from 2 1/2-inch, \$3.00; 3-inch, \$4.00 per 100.
 Ageratums, Stella Gurney, Princess Pauline and Snowball, from 2-in., \$2.00 per 100.
 Cannas, Chas. Henderson, Burbank, Mme. Crozy, F. Vaughan, Egandale, Bouvier, from 4-inch, \$3.00 per 100.
 Coleus, from 2-inch, Golden Hedder, Verschaffellii and mixed in many varieties, \$2.00 per 100.

Geraniums, S. A. Nutt, dark red; Bruant and Trego, scarlet; Mme. Carnot, La Favorite, white; E. G. Hill, Beaute Poitevine, salmon; Jean Viaud, pink, 4-inch, \$8.00; 3-inch, \$5.00; 2 1/2-inch, \$3.00 per 100; Mme. Sallerai, 3 1/2-inch, \$2.50 per 100.
 Petunias, Dreer's best double, in all colors, 4-inch, \$8.00; 2 1/2-inch \$3.50 per 100.
 Pelargoniums, 4-inch, 1 1/2 each: fine stock.
 Salvia Splendens, 4-in., \$8; 3-in., \$5 per 100.
 Vincas, major variegata, 4-inch, \$10.00 per 100; 3-inch, \$4.00 per 100.

The stock offered here is all A No. 1. Send in a trial order and be convinced. Please do not send personal checks. Remit by P. O. M. O., Express M. O. or drafts.

CATION GREENHOUSE CO., 401 Fifth Ave., Peoria, Ill.

SPECIAL OFFER.

Having disposed of my greenhouses I offer stock as follows for the next thirty days, viz.:

8,000 Large Clumps, ASPARAGUS PLUMOSUS	Per 100	\$10.00
5,000 2 1/2-inch SPRENGERI, very large stock		2.00
500 6-inch SPRENGERI		10.00
1,000 3 year old grafted KAISERINS, in 6-inch pots, now in bud, ready to plant out and produce fine flowers for summer cutting having been dormant all winter		15.00

CASH MUST ACCOMPANY ALL ORDERS.

SAMUEL J. BUNTING, Elmwood Ave. & 58th St. PHILADELPHIA, PA.

PLACE YOUR NAME.....

and your specialties before the purchasing florists of the entire country by advertising in

SEND ADVT. NOW. **THE AMERICAN FLORIST.**

ROSES

Own Root Stock, 2 1/2-inch Pots. Per 1000

Bride, Bridesmaid and Meteor	\$30.00
American Beauty	50.00
Liberty	40.00

Not less than 250 at 1,000 rates.

Bedding Plants.

We also have a fine lot of Double and Single **Petunias, Salvias, Coleus, G. Bedder, Verschaffellii, Dwarf Lantanas, Achyranthes, Vinca, Lobelia, Cannas, Dracena Indivisa.** Write for varieties and prices.

Chrysanthemums.

2 1/2-inch Pots. Per 100	
Glory of Pacific, Polly Rose	\$2.50

Alice Byron, Lady Harriet, Pink Ivory, White Ivory, J. K. Shaw, Harry Parr, White Bonnaillon, Cobb and Maude Dean	3.00
Robert Halliday, Yellow Queen, Chadwick, Golden Beauty, R. E. Richardson, Nagoya	4.00
Josephine, a grand midseason yellow	6.00

NEW VARIETIES. 2 1/2-inch pots.

We recommend these three grand varieties: **Chautauqua Gold**, yellow, midseason, fine 8.00
Dr. Enguehard, Wm. H. Duckham, 10.00

Lakeview Rose Gardens, Jamestown, N. Y.

Please mention the American Florist when writing.

Albany, N. Y.

The reports on Easter business given by the local florists are of a most encouraging character and the consensus of opinion is that business was better even than anyone anticipated. The firm of Whittle Brothers reported that this Easter was about the best the firm had in nearly thirty years. Orders were received from nine of the most prominent churches for decorations which took up a large part of the stock of potted plants. The firm stopped taking orders for violets at 4 o'clock on Saturday afternoon. The demand for violets was phenomenal, and about 25,000 more were sold by the firm than in 1904. Carnations, spring flowers and cut flower orders just about held their own.

H. G. Eyres reported that when the people found that they could not get violets they took lily of the valley. "I believe that the violet growers made a mistake," said Mr. Eyres, "when they failed to let us know beforehand just how many flowers they could supply. We took orders based on their enthusiastic reports of the crops they had, and when it became necessary for the flowers to be produced on order they did not have the goods."

W. C. King said that he sold about 46,000 violets on Saturday and Easter and could have sold nearly as many more if he had been able to obtain them.

Cyclamen Plants, once transplanted, \$2.00 per 100; \$18.00 per 1000. Twice transplanted, \$3.00 per 100; \$25.00 per 1000. Seed of only selected flowers and well tuit stock; none better.

C. WINTERICH, Defiance, O.

Grand Rapids Violet Stock

Clumps from the bench of M. Louise Imperial and Princess of Wales, \$5.00 per 100; \$40.00 per 1000; Rooted Cuttings, \$10.00 per 1000; Pots, \$2.50 per 100; \$20.00 per 1000. Rooted Cuttings of Campbell, \$5.00 per 1000.

GRABB & HUNTER, GRAND RAPIDS, MICH.

Transplanted Violet Layers,

Princess of Wales, \$1.50 per 100; \$10.00 per 1000. Clematis, large flowered, red, white and purple, good two-year, home-grown, 25c; \$2.00 per doz.; \$15.00 per 100. Pansies, strong, \$1.00 per doz.; \$8.00 per 100; 2 1/2-in. pots, 75c per doz.; \$4.00 per 100.

F. A. BALLER, Bloomington, Ill.

MOONVINES.

I am the Moonvine grower of the land; 10,000 now ready in 2 1/2-inch pots of A. W. Smith's Ipomee Noctiflora, purest large white Moonvine in the world. Price, \$5.00 per 100. Mr. Smith has a world-wide reputation for them.

GODFREY ASCHMANN, 1012 Ontario St., PHILADELPHIA, PA.

Rooted Cuttings Prepaid per 100.

Ageratum, Gurney, Coleus, best headers, 60c; \$5.00 per 1000. Salvia Bonfire and Splendens, 90c; \$8.00 per 1000. Giant Marguerite Daisy, \$1.00. ALTERNANTHERAS, best red, fine 2-in. \$1.75 by express. Seedlings, Dreer's Strain, Salvia Splendens and Bonfire; Verbena, Giant Mammoth, mixed, 25c per 100 prepaid. Nice short, stout little plants. Cash. BYER FLORAL CO., Shippensburg, Pa.

S. S. SKIDELSKY,
824 No. 24th Street,
PHILADELPHIA.

Correspondence Solicited.

A FEW GOOD THINGS YOU WANT.

KENTIAS. As fine a lot of single and made-up plants as ever grown. 4-in., 5-in., 6-in., 7-in., and 8-in. pots, at 20c, 35c, 75c, \$1.50 to \$3.00 each.
DRACAENA INDIVISA, 3, 4, 5-inch, \$5.00, \$10.00 and \$25.00 per 100.
ASPARAGUS PLUMOSUS, 2 and 3-in., \$4.00 and \$8.00 per 100.
ASPARAGUS SPRENGERI, 2 and 3-in., \$3.00 and \$5.00 per 100.
GERANIUMS. Jean Viaud, S. A. Nutt, Castellane, John Doyle, Perkins, Single and Double, Gen. Grant, La. Favorite, Mme. Salleroi, 2-in. pots, \$2.50 per 100.
GLADIOLUS BULBS, good mixture, 75c per 100, \$6.00 per 1000.
GERMAN IVY, 2-in., \$2.50 per 100.
SCARLET SAGE, LOBELIA, VERBENA, VINCA VAR, HELIOTROPE, Double and Single **PETUNIA,** 2-in. pots, \$2.00 per 100.
PANSY PLANTS, in bud and bloom, \$1.00 per 100.

CASH WITH ORDER.

GEO. M. EMMANS, NEWTON, N. J.

Carnations

Queen Louise per 100 \$ 7.50
Floriana 7.50
Mrs. E. A. Nelson 10.00

GERANIUMS.

Rooted Cuttings. The next lot ready May 22. Send for list of varieties and summer prices

SMILAX-Sprengeri.

By the 100 or 1000, well grown and carefully packed. Guaranteed to reach you in good condition. Send for price list.

ALBERT M. HERR, LANCASTER, PA.

Boston and Pierson Ferns.

Bench grown, ready for 4, 5, and 6-in. pots, \$12.50, \$15.00 and \$20.00 per 100; strong, healthy stock. Cash.

Baur Floral Co., Erie, Pa.

Chrysanthemums

OUR SPECIALTY. Both Novelties and Standard Varieties. We have an immense stock now ready for planting. Send us a list of your wants for prices.
NATHAN SMITH & SON, Adrian, Mich.

100,000 Alternantheras.

STRONG ROOTED CUTTINGS.

A. Nana, yellow, 50c per 100; \$4.00 per 1000. P. Major, red, 50c per 100; \$4.00 per 1000. Special prices on 5,000 or more.

DAVIS BROS., Morrison, Ill.

CARNATIONS Fine, strong, healthy, well rooted cuttings. Per 100

Prosperity, Joost, Lawson, Wolcott \$2.00
Moonlight 3.00
All guaranteed strong, healthy stock. Per 100
Salvia, new dwarf variety \$.75
Coleus75
Verbenas75
Plumousus and Sprengeri, 3-in., only 4.00
Above prices cash with order.
JOHN BROD, Niles Center, Ill.

GERANIUMS. From 2 1/2-inch pots.

Braunt, best scarlet bedder; Jean Viaud, best pink; Mme. Buchner, semi-double white; Mrs. E. G. Hill, single salmon; \$2.50 per 100; \$22.50 per 1000.

CARNATIONS. From 2-inch pots.

Boston Market, Lawson, Glacier, \$2.50 per 100. CASH

The W. T. Buckley Co., SPRINGFIELD, ILL.

ALWAYS MENTION THE...

AMERICAN FLORIST

WHEN WRITING ADVERTISERS.

Wholesale TRADE LIST.

Asparagus Plumosus, Sprengeri and Decumbens, 3-inch pots, 75c. per doz., \$5.00 per 100.
Alternantheras, red and yellow, 2 1/2-inch pots, 50c per doz., \$3.00 per 100.
Ampelopsis Velutici, 3-inch pots, 75c. doz., \$5.00 per 100; 4-inch \$1.50 per doz., \$10.00 per 100.
Clematis, large flowering variety, 2 years old, 5-inch pots, \$3.00 per doz.
Daisies. New Paris Daisy, Queen Alexandra, 3-inch pots, \$2.00 per doz. New Shasta Daisies, Alaska, California, Westralia, 3-inch pots, \$2.00 per doz.
Dracaena Indivisa, 3-in. 75c per doz., \$5.00 per 100; 4-in. pots, \$2.00 per doz.; 6-in. pots, \$3.00 per doz.
Geraniums. New Geranium Telegraph, 2 1/2-inch pots, \$2.00 per doz.
Honeysuckle (Halleana), 5-inch pots, \$1.50 per doz.; \$10.00 per 100
Ivy, hardy, large leaves, 3-inch, 75c. per doz., \$5.00 per 100; 4-in. pots, \$1.50 per doz.; \$10.00 per 100.
Lemon Verbenas, 2 inch pots, 50c per doz.; \$3.00 per 100.
Moon Vines, 3-in. pots, 75c. per doz.; \$5.00 per 100.
Myosotis, clumps from open ground, 60c. per doz.; \$4.00 per 100.
Pansies, separate colors, yellow, white and blue, \$2.00 per 100.
Salvia, Splendens and Bonfire, 2 1/2-inch pots, 50c per doz.; \$3.00 per 100.
Sansevieria Zeylanica, 3-inch pots, 75c per doz.; \$5.00 per 100
Stokeelia cyaneas, 3-inch pots, \$1.00 per doz.
Vinosa, variegated, 4 1/2-in. pots, \$1.50 per doz.; \$10.00 per 100

Stock from 2 1/2-in. pots, \$3.00 per 100.

Asparagus Plumosus, Comorensis, Sprengeri and Decumbens, Alyssum, Little Gem, Antirrhinum, white; Abutilon Savtizii; Ageratum, blue and white; Coleus, Verschaffeltii, Golden Bedder and fancy varieties, Cobaea scandens, Clematis paniculata, Dracaena indivisa, Fuchsias, double and single; Feverfew, Little Gem, Geranium Mme. Salleroi (strong) and Mrs. Parker; Lobelia, dwarf blue; Nasturtium, dwarf; Petunias, double white; Phlox Drummondii, dwarf; Verbenas, mammoth varieties, Impatiens Sultanii.
Chrysanthemums, best standard varieties, rooted cuttings, from soil, \$2.00 per 100.
Carnations, pot grown, per 100: Enchantress, \$4.00, Boston Market, \$2.50; Red Sport, \$6.00; Flamingo, \$6.00; The Queen, \$3.00; Mrs. Fisher, \$3.00. Strong rooted cuttings from soil, per 100: Flora Hill, Queen Louise, Scott Joost, Crocker, \$1.50; Grape, \$2.00; Enchantress, \$3.00
Carnations, for summer flowering, Vulcano, red, from soil, \$2.00 per 100.
Clematis paniculata, 4-in., \$1.50 per doz.; \$10.00 per 100.

C. Eisele, 11th & Jefferson Sts. PHILADELPHIA, PA.

BEDDING PLANTS.

Per 100 2 1/2-in.
Ageratum, dwarf, blue and white \$2.00
Alternanthera, red, yellow, 100 R. C., 50c 1.50
Alyssum, Sweet, Giant dbl 2.00
Asparagus Plumosus and Sprengeri, 3-in., \$5.00; 4-in., \$8.00 2.50
Begonia Vernon 2.50
Cannas, in varieties, strong, 100, \$5.00 2.00
Carnations, R. C. 2 and 3-in. Price list free.
Cobaea Scandens, trpl., from flats, \$1.00 2.00
Coleus, in varieties 2.00
Dahlias, in varieties, doz., 50c 4.00
Daisies, Longfellow, Snowball, trpl., \$1.00 2.50
Dracaena Ind., 2, 3, 4, 5, 6-in., 100, \$2.50, \$5.00 \$10.00, \$25.00 and \$50.00 2.00
Dusty Miller, trpl., from flats, \$1.00 3.00
Ferns, Boston, fine, 3-in., \$6.00; 4-in., \$12.00 4.00
Ferns, Pierson, fine, 3-in., \$8.00; 4-in., \$15.00 4.00
Feverfew, Little Gem 3-in., 100, \$5.00 2.00
Forget-me-not, in var. trpl., 100, \$1.00 2.00
Fuchsia, in var., 3-in., \$5.00 2.50
Geraniums, in varieties, 3-in., \$5.00 2.50
Geraniums, Mme. Salleroi, very strong 2.50
Geraniums, fancy, tricolor and new varieties, dozen, \$1.00 2.50
Heliotrope, in varieties, 3-in., \$5.00 2.50
Ivy, Kenilworth 2.50
Lobelia, dwarf and trail, sep. trpl., \$1.00 2.00
Lantana, in var., 3-inch, \$5.00 2.50
Lemon Verberna, 3-in., 100, \$5.00 2.50
Marguerites, white and yellow 2.00
Pansies, 300,000 splendid mixed, in bloom. Per 1000, \$12.50, \$10.00, \$6.50, according to size. Sample free. White, blue, black, purple, yellow, separate colors, trpl., 100, \$1.00.
Petunia, double fringed 2.50
Phlox, Drummondii, mixed 2.00
Salvia, in varieties 2.00
Smilax, trpl., from flats, strong, \$1.00 1.50
Swainsonia Alba, 3-in., \$1.00 2.00
Tradescantia 2.00
Umbrella Plants, 3-in., \$4.00.
Verbena, mix. and sep. col., trpl., \$1.00 2.00
Vinca Variegata 3-in., \$6.00; 4-in., \$10.00 2.50
Millions of Vegetable Plants. Hardy Perennial Plants. Price list free. Cash with order.
LUDVIC MOSBAEK, Onarga, Ill.

Carnations

ROOTED CUTTINGS.

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Chicago White.....	\$12.00	\$100.00
Boston Market.....	2.50	20.00
Flora Hill.....	1.00	9.00
Queen Louise, Peru.....	1.00	9.00
RED.		
Estelle.....	2.50	20.00

SCARLET.	Per 100	Per 1000
Richmond Gem.....	\$10.00	\$75.00
Crusader.....	5.00	45.00
Adonis.....	2.50	20.00
PINK.		
Phyllis.....	\$12.00	\$100.00
Indianapolis.....	5.00	45.00

PINK.	Per 100	Per 1000
Nelson.....	\$ 1.50	\$12.50
Lawson.....	2.00	15.00
Morning Glory.....	1.50	12.50
Higinbotham.....	1.00	9.00
Guardian Angel.....	1.00	9.00

ROSES. 2 1/2-inch pot plants.

	Per 100	Per 1000
Richmond.....	\$30.00	\$250.00
Rosalind Orr English.....	25.00	200.00
Perle von Godesberg.....	5.00	40.00

	Per 100	Per 1000
Liberty.....	\$ 5.00	\$45.00
American Beauty.....	6.00	50.00
La Detroit.....	6.00	50.00

	Per 100	Per 1000
Bridesmaid.....	\$ 3.00	\$ 25.00
Bride.....	3.00	25.00
Ivory, Perle.....	3.00	25.00

AM. BEAUTY BENCH PLANTS, per 100.....\$6.00; per 1000.....\$50.00

CHATENAY, UNCLE JOHN and KAISERIN reduced to \$3.00 per hundred; \$25.00 per thousand.

All plants and rooted cuttings sold under the express condition that if not satisfactory they are to be returned immediately when money will be refunded.

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Double Petunias.

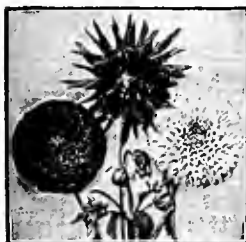
Extra fine, 2-inch, 2c.

PARIS DAISY, Giant 2-inch, 2c.
DOUBLE DAISIES, Snowball, Longfellow, \$2.50 per 1000, in bud and bloom.
ABUTILONS, 2 varieties, 2 1/4-inch, 2 1/2c.
GERMAN IRIS, divided roots, \$1.00 per 100.
COLEUS, 15 kinds, 2-in. 2c.
HELIOTROPE, blue, 2-inch, 2c.
STEVIA, Serrata and Variegata, 2-inch, 2c.
COREOPSIS Lancelotta, field, 2c.
AGERATUM, Gurney, Pauline, **ALTERNANTHERAS**, red and yellow; 2-inch, \$2.00 per 100.
ALYSSUM, Giant double, 2-in., 2c.
FUCHSIA, 4 kinds, 2-inch, 1 1/2c.
FEVERFEW, Gem, 2-inch, 2c.
SALVIA, Bonfire, Splendens, 2-inch, 2c.
 Rooted Cuttings, per 100, prepaid: **Heliotrope**, 75c. **Ageratum**, Gurney, Pauline, 50c. **Salvia**, Splendens, Bonfire, Silverspot, 90c; \$8.00 per 1000. **Fuchsia**, 5 best varieties, 90c. **Hardy Pinks**, 6 varieties, some everblooming, 75c; \$5.00 per 1000. **Dbl. Petunias**, 10 finest, 75c. **Alternanthera**, red and yellow, 50c; \$3.50 per 1000. **Stevia**, Serrata, 75c. **Giant Paris Daisy**, 75c. **Coleus**, 60c; \$5.00 per 1000. **Mums**, Western King Weeks, Halliday, \$1.00. **Smilax Seedlings**, 30c per 100. \$2.50 per 1000. **Golden Feverfew** and **Centaurea Gymnocarpa**, nice young plants, 60c per 100.

CASH

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The beautiful new white is still queen of the world, strong tubers, \$10.00 per 100.

Ingeborg Egeland the leading scarlet cactus, \$3.00 per doz.; \$30 per 100. Other novelties and standards. Also double field-grown Hollyhocks, true to color, \$3.00 per 100. Gladioli, Peonies and Hardy Plants. Send for catalogue.

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READY NOW

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THE most prolific flowering Red Rose in the market to-day. Grows finely in same temperature as Brides or Maids, and will produce fully as many first-class flowers as either.

2 1/2-inch Pot Plants, own roots.....\$10.00 per 100, \$80.00 per 1000
 Strong Grafted Stock from 3-inch pots.....\$12.00 per 100

The STORRS & HARRISON CO.

PAINESVILLE, OHIO.

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Geraniums

My selection, 3-in. pots.....\$5.00
Alternanthera, red and yellow.....2.00
Asp. Plumosus Nanus, 2 1/4-in. pnts.....2.00
 Seedlings.....1.50
Asp. Sprengeri, ready July 1.....1.25
Smilax, ready in June.....1.25

CASH or C. O. D.

COLEUS....

12 varieties, 2 1/4-inch pots.....\$2.00
Petunias, double.....3.00
Centaurea Gymnocarpa.....2.00
Primroses, Chalmers, Obconica and Forbesi July 1.....2.00
Pansy Seed, ready in July \$4.00 per oz.

JOS. H. CUNNINGHAM, Delaware, Ohio.

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WHITE LAWSON

which we introduced last season has given great satisfaction, and has proved to be **The Finest White Carnation ever sent out.** Remember we are headquarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now booking orders for early January delivery. Orders will be filled strictly in rotation as received, so the earlier orders are booked the earlier deliveries can be made. We can supply **First-class strong rooted cuttings, \$7 per 100; \$60 per 1000.** Also the other novelties of the season—**Fiancee, Cardinal, Fred Burki**, etc. Also the cream of older sorts—**Mrs. M. A. Patten, Daheim, Enchantress, Flamingo, Mrs. Thos. W. Lawson**, etc.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

GARDENIA PLANTS.

(GRANDIFLORA CAPE JESSAMINE.)

Our leading specialty. Natural growing conditions here ideal; size tells its own story. We do not think they can be equalled elsewhere. 1-year, 18 to 24-in., \$1.50 per doz.; \$10.00 per 100. Dormant now and until February 25th.

C. W. BENSON, Alvin, Tex.

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Plants....

Cabbage, Tomato, Celery, Egg Plants, Pepper, Verbena and Pansy Plants by the 100 and 1000. Write for prices.

C. O. WILLIAMS, 99 Water Street, BATAVIA, ILL.

It is good business policy to mention **The.... AMERICAN FLORIST** When you write to an advertiser.

Chicago Carnation Co.

JOLIET, ILL.

Our plants are now in the field. Write us for Fall delivery.

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European Horticulture.

(FROM BRITISH TRADE PAPERS.)

BLUE HYDRANGEAS.—James Veitch & Sons, London, Eng., obtain blue hydrangeas by potting the plants in soil that contains a certain amount of iron, and dissolving alum in the water used for watering.

To CLEAN SMOKY GLASS.—The glass of our greenhouses is black, and it is only by repeated washings we keep it fairly clean. For this purpose we use a solution of hydrofluoric acid. First wet the glass, then with a wide, soft brush wipe it over with the solution, and immediately wash it off with clean water. The acid cuts and unfastens the dirt on the glass. But all plants must be removed for the time being from under the glass, as every drip of the solution on the leaves means a spot. This saves an immense amount of rubbing. Don't be afraid of it; we have been using this for years. But don't use it too strong; dilute it with water. We have tried many other things—oxalic acid, muriatic acid, etc.—but found nothing as good as the hydrofluoric. The deposit of soot here is persistent; it is falling every day in the year; and this is why our commercial florists have been driven to the suburbs and outside towns.

ORIGIN OF MIGNONETTE.—In a note about mignonette in the Garden, December 31, "A. de L. L." writes: "The original habitat of Reseda odorata was North Africa, whence it found its way through Italy to Paris. Lord Bateman brought the seed for us from that city in 1742, and, of course, it was the French who called it 'Little Darling,' though, strange to say, they now speak of it as Reseda, leaving its pet name with us." With reference to this we have received the following interesting note from A. A. Pettigrew: "I have just read a letter in Vol. III. of 'Transactions of the Royal Horticultural Society,' an extract from which, taken in connection with the note on mignonette by 'A. de L. L.,' you may think worth quoting in the Garden, since it corrects a false impression as to the origin of its name. The letter is headed 'Observations on, and Account of, the Cultivation of the Tree Mignonette,' by Joseph Sabine, secretary. Read July 7, 1818. The extract is: '... Its introduction into our flower gardens was through the intervention of the late Lord Bateman, who brought it from France soon after the period it was first received by Miller. With Lord Bateman the appellation of mignonette originated. Pleased with the appearance and fragrance of the plant, he gave to it this name of endearment, by which it is not known in France, the writers and gardeners of that country merely calling it le Reseda odorant.'

THE VARIATION OF LEAVES.—The disappearance of chlorophyll from places which it normally occupies in leaves produces variegation which, when yellow, is regarded as resulting from organic weakness. Variegated plants are often more feeble than their congeners with green leaves. In most cases the origin of the variegation of leaves is unknown. It is regarded in general as being the result of some disease or a constitutional weakness of the plant. That is the view that has usually been held with regard to variegation. For the purpose of seeing how far that point was well founded Jules Burvenich made some cultural experiments which he publishes in the Bulletin du Cercle d'arboriculture de Belgique. He sowed some seeds of Zea Japonica foliis variegatis in a very rich soil, well manured, and also in a sandy soil without manure, arriving at a threefold conclusion. The first was that rich manure had considerable influence upon the variegation of the variegated maize. That was the result of the experiments made last year. A poor soil hindered variegation from being produced on the seedlings of the variety just named. The third conclusion

was that an exaggerated or excessively nourishing ingredient had an equal result in diminishing the production of variegated leaves. It would thus seem that the two experiments, excessively rich and excessively poor soil, had the effect of diminishing the amount of variegation which appeared in the leaves. M. Burvenich does not think that the experiments, so far, are definite with regard to other plants, and has decided to continue his trials. Those who would make experiments for themselves he counsels to select material for such experiments from many variegated plants which are propagated by means of seeds. He indicates such plants as *Amarantus amabilis* tricolor, *Humulus Japonicus* fol. var., *Lavatera arborea* fol. var., and others of that character. Plants multiplied by means of cuttings may also be employed, such as *pelargonium*, *fuchsia*, *abutilon*, *malvastrum*, *euonymus*, *erya*, *veronica*, *cneprosma*, and others of that kind.

ROOTED CUTTINGS

Carnations and Chrysanthemums. Strong soil plants of Lady Campbell Violeta. Send for list.

WM. SWAYNE


Box 226, KENNETT SQUARE, PA.

The Beautiful Pink Carnation

CANDACE

\$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Dissemination 1906. Early commercial.

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ASPARAGUS PLUMOSUS NANUS SEED.
New crop, \$1.50 per 1000. **Smlax Seeds**, \$1.00 per pound. Cash with order.
COTTAGE NURSERY, San Diego, Cal.

PANSIES.

Extra fine stock, in bud and bloom.
\$1.25 per 100, \$12.00 per 1000.

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Fine young plants, \$10.00 per 1000.
ZAMIA INTEGRIFOLIA.....\$12.00 per 1000
Send Money Order on Little River, Fla.
Send for price list.

SOAR BROS., Little River, Fla.

Crassula Hybrida.

Pink flowers, 2-in. pots..... \$10.00 per 100

Crassula Coccinea.

Scarlet flowers, 2-in. pots.....\$15.00 per 100

Both are novelties of exceptional merit in Easter flowering plants. The stock will make specimens for next season.

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Flushing, L. I., N. Y.

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EXTRA FINE HEALTHY PLANTS. FREE FROM MILDEW.

LIBERTY, rose pots, \$15.00 per 100; 3¼-inch pots, per 100.....\$ 18.00
BRIDES, BRIDESMAIDS, GOLDEN GATES, KAISERINS, rose pots, \$10.00 per 100, \$95.00 per 1000; 3¼-inch pots, \$15.00 per 100, per 1000..... 145.00

500,000 VERBENAS 60 Varieties.

PERFECTLY HEALTHY. IN BUD AND BLOOM.

2¼-in. pots, our selection.....\$2.50 per 100; \$20.00 per 1000
2½-in. pots, purchaser's selection..... 3.00 per 100; 25.00 per 1000

COLEUS.

VERSCHAFFELTII, GOLDEN BEEDER, FIREBRAND, rooted cuttings, 75c per 100; per 1000..... \$6.00

SEND FOR PRICE LIST.

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H. Weber & Sons,

THEIR TWO GRAND NEW CARNATIONS

My Maryland is already well and favorably known, having been exhibited freely at the various flower shows and first club meetings the past Fall and Winter, and in every case elicited the highest praise and most favorable comment. We pick this variety to quickly and easily displace all other whites for first honors, not only in exhibition, but in commercial points as well. We claim for it a robustness of constitution quite unequalled in any other variety and an ease of culture that will delight the heart of the grower. The great vigor of both parents (Norway/Lawson) seems united and improved upon in this variety.

Both of the above are free propagators. We are thoroughly familiar with them and know what they will do. We will be in a position to deliver stock early and on time, and assure the trade that no disappointment will result on that score. We have already booked many orders. It pays to be early. Orders booked are subject to cancellation by the buyer if unsatisfied with either variety up to the time the cuttings are received.

PRICE: \$2.50 per doz.; \$12.00 per 100; \$100.00 per 1000.

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E. G. HILL CO., Richmond, Ind. H. WEBER & SONS, Oakland Md.

Announce the completion of arrangements whereby they will, beginning in January 1906, disseminate jointly with

THE E. G. HILL CO.,

MY MARYLAND and JESSICA.

In Jessica we have, in the red and white variegated class, what through several generations of variegated seedlings of Helen Keller and Bradt extractum on the one side and Lawson on the other. A strong, thrifty growing variegated seedling bearing the seed. It is a trifle heavier in growth than **My Maryland** and just Lawson height. Aside from these differences and the color, the description of **My Maryland** applies to **Jessica**. Under favorable conditions four inch blooms are not uncommon. We pick **Jessica** to win over any other variegated variety.

ROSES.

La Detroit, 3-in.	\$8.00 per 100
Americo Beauty, 3-in.	6.00 per 100
Petle, 3-in.	5.00 per 100
Mme. Chateaux, 3-in.	5.00 per 100
Bride, 3-in.	4.00 per 100
Bridesmaid, 3-in.	4.00 per 100
Sunrise, 3-in.	4.00 per 100

C. R. HILLS GRAND RAPIDS, MICH.

Little Gem Alyssum, 10 bud, 2 1/4-in.	Per 100 \$2.10
Cobaea Scandens, 3-in. strong.	3.50
Forget-me-nots, 2 1/4-in.	2.00
Cuphea, 2 1/4 in.	2.00
German Ivy, 2 1/4-in.	2.00
Nicotiana Saunders, 2 1/4-in.	\$1.00 per doz.

Watch for Other Offerings.

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Bentley's Famous Asters, extra fine stock, from flats, \$1.00 per 100 \$8.00 per 1000; from 2 1/4-in. pots, \$2.00 per 100, \$17.50 per 1000.

Hohenzollern, Carlson's, American Branching and Queen of the Market, from flats, 60c per 100, \$5.00 per 1000; from 2 1/4-in. pots, \$1.50 per 100, \$12.50 per 1000.

Will have Primulas for July delivery. Chinese, Ob-colica, Forbes and Buttercup, 2 1/4-in., \$2. Write.

Palms and Asparagus Cheap.

Latania Bor., 2-in. pot, seed leaves..	3.00
" " 3-in. pot, 16-18 in., 2-3 chr. lvs.	12.00
" " 5-in. pot, 18-20 in., 3-4 chr. lvs.	16.00
" " 5-in. pot, 20-24 in., 4 chr. lvs.	20.00
Kentia Bel., 2 1/4-in. pot, 8-8 in., 2 leaves.	10.00
" " 3-in. pot, 8-10 in., 3-4 leaves.	12.50
" " 4-in. pot, 12-16 in., 4-5 leaves.	18.00
Asparagus Sprengeri, 2-inch	\$2.00
Asparagus Plumosus Nanus, 2-inch	2.50
" " 3-inch	5.00

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Bay Trees, Box Trees, Pyramid, Bush, Standard, Fancy Clipped. Bamboos, Orange Trees, Etc.

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JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
ROSES, PALMS,
 and Novelties in Decorative Plants.
 Market and 49th Sts., Philadelphia, Pa.

Aster Plants

Miss Kate Lock, now ready to ship, \$1.00 per 100 plants; \$8.00 per 1000.
 Don't send checks. No agents.

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TINY PLANTS, 10 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100.
RHAPIS, 5 to 15 shoots, 60 cents each.
 CASH WITH ORDER.
 LARGEST GROWERS OF EASTER LILIES.
 WOODSIDE, N. Y. and WHITESTONE, L. I., N. Y.

There Are Buyers
 For all kinds of good stock advertised in.....
THE AMERICAN FLORIST

SCOTTII

The Most Graceful Nephrolepis Known

Retailers who have handled this fern are unanimous in proclaiming it the best Fern ever introduced.

Consult any grower who has bought Scottii and he will tell you that it is as far ahead of the Boston as that variety is ahead of all other introductions.

See my adv. on second cover page in American Florist of Feb. 25th.

JOHN SCOTT, Keep Street Greenhouses, BROOKLYN, N. Y.

BRANCH:
 E. 45th St and Rutland Road, Flatbush.
 TELEPHONE, 1207 WILLIAMSBURG.

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Extra fine stock, out from bench now ready for 5, 6, 7 and 8-inch pots, at \$25.00, \$50.00, \$75.00 and \$100.00 per 100. **KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS.** Cash or reference please.

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CATLEYA SCHROEDERAE, a grand well assorted importation just arrived.
 Order at once.

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SPLENDENS GIGANTEUM HYBRIDS. My well-known strain in five true colors (seedlings), twice transplanted from flats, including the fringed variety, well-grown plants, \$3.00 per 100; \$25.00 per 1000. Satisfaction guaranteed.

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ASPARAGUS PLUMOSUS

Nice stock from 2-in. pots, \$2.25 per 100; \$20.00 per 1000; not less than 500 at 1000 rates.

Rubbers, fine plants, 5 in. pots, \$3.00 per doz.
Canaas. We have 5,000 from 3-in. pots, ready May 1, at \$5.00 per 100, in 20 best varieties.

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Just at hand, in superb condition, our first shipment of **CATLEYA LABIATA**. Write for prices.

We also recommend our large stock of well-grown, established **ORCHIDS**. Write for catalogue.

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ORCHIDS

Largest Importers, Exporters, Growers and Hybridists to the World.

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Easter then you look for Decoration Day

GEO. A. KUHL offers:

	2 to 2 1/4-in.	3-in.	4 in.
Vincas.....	\$3.50	\$5.00	\$12.50
Double Petunias.....	3.50	5.00	10.00
Sweet Alyssum.....	2.50		
Fuchsias.....	4.00	7.50	
Cuphea.....	2.50		
Coleus.....	2.50		
Salvias.....	2.50	5.00	
Santolias.....	2.50		
Canaas.....		5.00	
Feverfew.....	2.50	5.00	
Marguerites.....	3.50	7.50	10.00
Nasturtiums.....	2.50		
Rose Geraniums.....	3.50	6.00	
Ivy Geraniums.....	5.00		
Mme. Salleron.....	3.00		
Geraniums, pink, red, white and salmon.....	3.50	5.00	8-10.00
Centaurea.....	2.50	5.00	
Fancy leaved Coleus (broad, highly colored).....		10.	12.50
Alteoranthras.....	3.00		
Pelargoniums.....		7.50	12.50
Moonvines.....	5.00		
Ageratum, white and blue.....	2.00		
Flowering Begonias, 5 var.....	5.00	7.50	12.50
Genistas.....			12.50
Cobaea scandens.....		5.00	
Heliotrope.....		7.50	

SPECIALS.—Hardy Moonvine roots, \$1.50 per doz.; hardy Hydrangeas, \$3.00 per doz.; hardy Boston Ivies, \$3.00 per doz. Have a nice lot of 2-year Liberty and Beauty in 5-in. pots, for summer blooming, which we offer at \$3.00 per doz.; Pansies at 75c to \$2.00 per 100. 2-in. 3-in. 4-in. Asparagus plumosus..... \$3.50 \$8.00 \$15.00
 Asparagus Sprengeri..... 2.50 5.00 10.00
 Boston Ferns, 2 1/4 to 10-in.; Scottii Ferns, 4, 5 and 8-in.; Foster Ferns, 2 1/2 and 3 in.; Small Ferns for Ferneries, 2 1/4-in., extra; baskets of Sprengeri, etc. Write.

GEO. A. KUHL, Pekin, Ill.

CARNATIONS Rooted Cuttings

WHITE LAWSON.

The king of white sorts. A strong grower and a free bloomer. We have 5000 ready to be shipped. All orders will be filled in rotation. \$7.00 per 100; \$60.00 per 1000.

	Per 100	1000
Lady Bountiful.....	\$7.00	\$60.00
Mrs. M. A. Patten.....	6.00	60.00
Nelson Fisher.....	7.00	60.00
Dahem.....	6.00	60.00
Enchaotress.....	3.50	30.00
Boston Market.....	2.50	20.00
The Queen.....	2.50	20.00
Mrs. T. W. Lawson.....	2.00	18.00
Geo. Maccio.....	2.00	15.00
Morning Glory.....	2.00	15.00
Mrs. G. M. Bradt.....	3.00	25.00
Melba.....	1.50	12.00
Queen Louise.....	1.50	12.00
White Cloud.....	1.50	12.00

CRAFTED ROSES.
 We are now booking orders for future delivery. Write for prices.

WOOD BROS., Fishkill, N. Y.

Scottii Ferns.

Much more valuable than the Boston Fern, because with the most ordinary culture it will grow into beautiful compact specimen plants.

	Per Doz.	Per 100
2 1/4-inch.....	\$2.00	\$12.50
3 inch.....	3.00	20.00
4-inch.....	5.00	

Pierson Ferns 2 1/4-inch 60c per dozen, \$4.00 per 100.

THE CONARD & JONES CO. WEST GROVE, PA.

San Francisco.

EASTER BUSINESS LARGE.

We have experienced probably the most successful Easter business in the history of the trade in this city. As predicted in these columns last week, the supply of nearly all stock was in splendid shape. Everybody seemed to have their stock just right, and as a consequence much satisfaction is expressed over the business done. More *Harrisii* were in the market this Easter than ever before, and even with the large supply many more could have been disposed of if they could have been secured. The quality of the blooms, too, was far better than in former years. The prices ranged from \$2 to \$3 per dozen stems. Quite a few *Harrisii* in pots were sent into the various stores and sold remarkably well. One grower who had extra fine stock received \$9 per dozen for all his lilies in pots, but the majority brought \$6 per dozen.

There was a large cut of roses received, and splendidly grown Beauty were seen in Sievers & Boland's store, on Post street. Pelicano also showed fine Beauty. The quality of the Maid and Bride was very mediocre, there being so much mildewed stock. However, owing to the heavy demand, they cleaned up well. All carnations, with the exception of *Enchantress*, were in good supply. Prices advanced sharply on Friday and Saturday, but have dropped since. Valley was in fair supply and sold out completely. Some splendid tulips in pans were shown at some of the stores, but sweet peas still continued scarce. There was quite a demand for them at Easter, but sufficient stock could not be obtained. Spanish iris, which last season proved so popular, did not go so well this season, and prices fell considerably. They brought from \$2.50 to \$3 per hundred. All greens were scarce, particularly good smilax and maidenhair. Smilax sold at \$1.50 per dozen. The writer has been informed by many of the leading growers that the shipping trade fell far below that of former years. Various reasons are put forth as to the cause, the chief ones being the warm weather, late Easter, etc., although shipping to Los Angeles was probably increased a trifle.

Plant trade was probably a little ahead of last Easter. *Crimson Rambler* proved good sellers, and we could have used more of them. Many of the stores were in gala attire and many pleasing effects were to be seen in the different windows. The street "fakirs" had enormous quantities of outdoor stock, principally roses. Jones, on Sutter street, did a fine trade, and disposed of an enormous quantity of stock. The Art Floral Company, in the new Flood building, made a beautiful display and report a fine trade. Sievers & Boland report the best trade in their history. On Saturday afternoon they were sold out completely, as also was Podesto and the Pelicano Company. Serveau Brothers report the Easter trade in their part of the city as being considerably ahead of last year. Similar reports were heard from nearly all the other large stores. Among the growers, P. C. Meyer & Company and Sidney Clack were very strong on lilies, as also was John Young and Ferrari Brothers. The latter two firms had a fine lot of potted *Harrisii*. Goertzheim had probably the finest lot of *Harrisii* in pots that has arrived in

this market for many a day. They brought the top notch price of \$9 per dozen. McLellan & Company were in with cut and potted lilies of the finest quality. These were all handled through their store on Union Square avenue.

NOTES.

The problem of exterminating asparagus rust, a disease which has seriously threatened to destroy the asparagus growing industry, one of the most important in this state, has been solved by Prof. Ralph E. Smith, plant pathologist of the University of California. All along the Sacramento river, and especially upon the large islands in that stream, there are thousands of acres devoted to the growing of asparagus for canning purposes, and the appearance of this dreaded disease prompted the raising of a fund by the canners. After two years of work Prof. Smith has discovered the cause of the disease and the conditions under which it flourishes best. He has also found a peculiar sulphur treatment that destroys the rust fungus. Prof. Smith came to California from the Massachusetts Agricultural College, and the result of his labors will be hailed with delight by all the truckers and market gardeners throughout the country.

A hurried trip through the immense plant of genial John Young, at Dwight Way, was very interesting. Beauty are the specialty at this place, which has long been known for the excellent quality of the flowers that are here produced. The other standard varieties of roses also occupy several houses. Mr. Young had a large lot of longiflorums at Easter which would be hard to beat. He reports having experienced a most successful season.

Sidney Clack's splendid new red carnation was seen by your correspondent and it certainly looks as if Mr. Clack has a sterling novelty in his possession. The plant is a vigorous grower and is exceedingly prolific. The flowers are borne on good stiff stems and the color is very brilliant and lasting. It retains its color long after being cut, and the flowers have no tendency to burst. Mr. Clack intends to grow it largely next season.

The committee appointed to draft by-laws for the proposed association of wholesale growers is still at work, and as yet no date has been set for the next meeting. That, however, will be announced in these columns later. It is hoped that every grower, large and small, will be on hand at the next meeting and lend support to the effort by their presence.

James Hutchinson, head gardener to J. A. Folger, Esq., has resigned to accept a position at Burlingame. J. Martin succeeds Paul Gaetzens as head gardener to the E. W. Hopkins estate at Menlo Park. Mr. Gaetzens has received an appointment in Golden Gate park.

Luther Burbank was tendered a public reception by the citizens of Santa Rosa and elsewhere on April 24. Many hundreds of people were presented to him.

Recent visitors to this city were C. W. Scott, of Vaughan's Seed Store, Chicago; a representative of Currie Brothers, Milwaukee, Wis.; and Mark Ebel, of Sacramento.

NORMA.

PANSIES.

100,000 Now in Bloom.

Extra large field-grown plants. They are the **Kind that Sell.** Per 100, \$20.00; per 1000, \$200.00.

Seedlings, \$3.00 per 1000.

ALBERT A. SAWYER, Pansy Specialist

Successor to Thos. J. Corbrey,
23-33 S. Harlem Ave., OAK PARK, ILL.
Telephone, Harlem 2342.

Please mention the American Florist when writing.

ROOTED CUTTINGS

HELIOTROPE, 12 var., \$1.00 per 100; \$5 per 1000.
PETUNIAS, 20 var., \$1.25 per 100; \$10.00 per 1000.
SALVIAS, 6 var., \$1.00 per 100; \$8.00 per 1000.
GIANT ALYSSUM, \$1.00 per 100; \$8.00 per 1000.
AGERATUMS, 4 var., 60c per 100; \$5.00 per 1000.
COLEUS, 40 var., 70c per 100; \$6.00 per 1000.

Express prepaid on all R. C. Cash with orders. Write
S. D. BRANT, Clay Center, Kan.

CAPE COD

PINK POND LILIES

The best hardy pink. Large, strong flowering roots, \$3.00 per doz.

W. I. BODFISH, West Barnstable, Mass.

Please mention the American Florist when writing.

Chrysanthemum Novelties

Merstham Yellow, White Coombes, Emily Milleham, Valerie Greenham, Mrs. H. A. Allen and all other novelties 50c each; \$5.00 per doz. Mrs. W. Duckham, the cup winner, 75c each; \$7.50 per dozen. Send for list.

CHARLES H. TOTTY, Madison, N. J.

ROOTED CUTTINGS OF EARLY

CHRYSANTHEMUMS.

Opah, Mme. Bergman, Willowbrook and October Sunshine.

Rooted Cuttings of VIOLETS of all kinds.

ELI CROSS, Grand Rapids, Mich.

Chrysanthemums ROOTED CUTTINGS.

Last call. This will not appear again.

Wm. Duckham, Ben Wells..... \$1.50 per 100

Dr. Enguehard, Mrs. Thirkell..... 2.00 per 100

Collections of 20 or more exhibition varieties made for \$5.00 or \$10.00. No order filled for less than \$1.00. Send for complete list.

W. A. CHALFANT, Springfield, Mo.

ROOTED CARNATION CUTTINGS

	Per 100	1000
WHITE LAWSON.....	\$6.00	\$50.00
FLAMINGO.....	6.00	50.00
ENCHANTRESS.....	3.00	25.00
THE QUEEN.....	2.50	20.00
CARDINAL, from 2-inch pots.....	12.00	

Larchmont Nurseries,
Larchmont, N. Y.

Pansies The Jennings Strain.

Fine cold-frame plants in bud and bloom. Finest mixed colors. Ready April 1st. Price, \$1.50 per 100. Cash with order.

E. B. JENNINGS, Lock Box 254, SOUTHPORT, CONN.

GROWER OF THE FINEST PANSIES.

Wm. P. Craig Importer and Exporter.....

Plants, Bulbs and Seeds.

1305 Filbert Street, PHILADELPHIA.

BIG CUT IN PRICE!!

We Now Offer a Nicotine Solution Guaranteed to Contain not Less than

40 per cent NICOTINE,

At the Following Exceedingly Low Prices:

1-4 Pint, 50c. Pint, \$1.50. 1-2 Gallon, \$5.50. Gallon, \$10.50.

This Solution is Unsurpassed in Quality by any Competing Article.

Owing to the Marked Success of our "NICO-FUME" Tobacco Paper Insecticide, We call this Solution

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IT WILL PAY YOU TO TRY IT.

FOR SALE BY SEEDSMEN.

Made by **The KENTUCKY TOBACCO PRODUCT CO., LOUISVILLE, KY**

PUMPS Rider-Ericsson. Second-hand, from \$40.00 up; all repairs; other makes; new; cheap.

BOILERS New and second-hand. Two second-hand steam; first-class condition; will heat 1,000 sq. ft. glass; at \$35.00 each.

PIPE New 2-in. standard full lengths, with couplings. 8 3/4 c per ft. Good, serviceable second-hand, with threads, 2 in., 7c; 1 1/2-in., 5 1/2 c; 1 1/4-in., 3 1/2 c; 1-in., 3c; 3/4-in., 2 1/4 c. Old and new fittings and valves.

STOCKS and DIES New Economy, best made, No. 1 threads, 1/2-in., 3/4-in., 1-in. pipe, \$3.00. No. 2 threads, 1 1/4-in., 1 1/2-in., 2-in. pipe \$4.00.

PIPE CUTTERS New Saunders Pattern. No. 1 cuts 1/2-in.-1-in. pipe, \$1.00. No. 2 cuts 1-in.-2-in. pipe, \$1.30.

STILLSON WRENCHES New, 18-in., grips 1/2-in.-2-in. pipe, \$1.65; 24-in., grips 1/2-in.-2 1/4-in. pipe, \$2.40; 36-in., grips 1/2-in.-3 1/2-in. pipe, \$1.75.

PIPE VISES New, No. 1 hinged, grips 1/2-in.-2-in. pipe, \$2.25.

GARDEN HOSE New, 3/4-in., guaranteed 100-lbs. pressure, 7 1/2 c per ft.; 1/2-in., not guaranteed, 4 1/2 c per ft.

HOTBED SASH New, Cypress, 3-ft. x 6-ft., from 70c up; glazed, complete, from \$1.60 up. Second-hand, as good as new, complete, at \$1.25 each.

GLASS New, American, 50 sq. ft. to the box. 10x12, at \$1.75. 10x12, 12x12, B double, at \$2.40. 12x14, 12x16, 12x20, 14x14, 14x16, 14x20, 16x16, 16x18 B double, at \$2.60. 16x20, 16x24 B double, at \$2.55. Second-hand 10x12, at \$1.40.

Write for our prices on **Culf Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, etc.**

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1398-1408 Metropolitan Avenue, BROOKLYN, N. Y.

VAUGHAN'S "RAMS HEAD"



Brand Sheep Manure

Pure, Dry and Unadulterated.

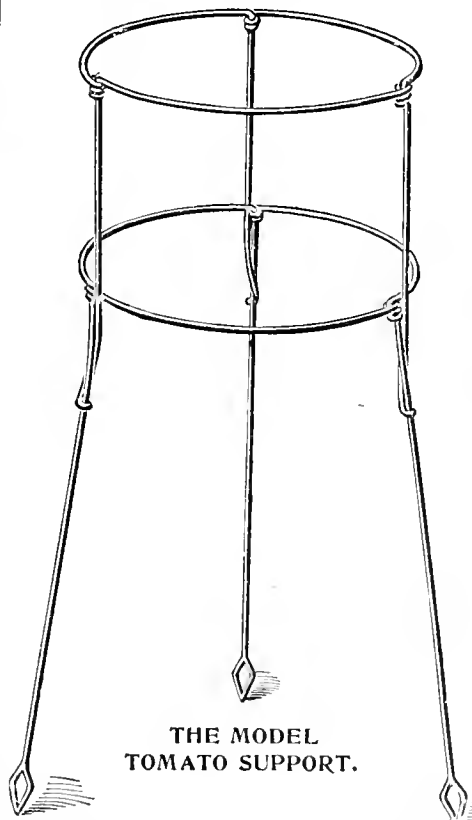
Sheep manure is one of the best natural fertilizers a florist can use, being readily applied in either dry or liquid form. Contains all the elements necessary for plant life. Our stock is saved under shelter and not leached.

Price, f. o. b. Chicago, per 100 lbs., \$1.00; per 1,000 lbs., \$7.50; per 2,000 lbs., \$14.00. Write for prices on car lots.

VAUGHAN'S SEED STORE

84-88 Randolph St., CHICAGO.

14 Barclay St., NEW YORK.



THE MODEL TOMATO SUPPORT.

Please mention the American Florist when writing.

THE ONLY PERFECT

Tomato and Plant Support

MADE OF HEAVY GALVANIZED WIRE AND WILL NOT RUST.

Height complete.....34 In.
Height of bottom section, 24 In.
Height of top section.....12 In.
Diameter of circle.....14 In.

MODEL CARNATION SUPPORTS, GALVANIZED ROSE STAKES and TYING WIRE.

Igoe Bros.,

226 North 9th St., Brooklyn, N. Y.

M. RICE & CO.,

Importers and Manufacturers,

Loading Florists' Supply House and Ribbon Specialists.

918 Filbert Street, Philadelphia, Pa.

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Tobacco Dust

FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET, NEW YORK



Japan Bamboo Stakes

IN LARGE QUANTITIES. 5 TO 6 FEET.

—WRITE FOR PRICES.—

SUZUKI & IIDA, 31 Barclay St., New York.

CUT FLOWER BOXES

WATERPROOF
Corner Lock
Style.

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

Size No.	0.	3x 4x20	.....	\$2.00	\$19.00
"	1.	3x 4½x16	.....	1.90	17.50
"	2.	3x 6x18	.....	2.00	19.00
"	3.	4x 8x18	.....	2.50	23.00
"	4.	3x 5x24	.....	2.75	26.00
"	5.	4x 8x22	.....	3.00	28.50
"	6.	4x 8x28	.....	3.75	36.00
"	7.	6x16x20	.....	5.50	54.00
"	8.	3x 7x21	.....	3.00	29.50
"	9.	5x10x35	.....	6.50	62.00
"	10.	7x20x20	.....	9.50	87.50
"	11.	3½x5x30	.....	3.00	28.50

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,

Box 104. COLUMBUS, OHIO.

—WRITE—

A. F. Kohr

1621-23 N. Leavitt St., CHICAGO, ILL.,

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Standard Pots which for strength and porosity combined are the best on the market

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FULL SIZE AND WIDE BOTTOMS. BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,

HARRY BALSLEY, Rep. DETROIT, MICH., 490 Howard St.,

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Standard Flower... POTS

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....

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Now insures upwards of 21,000,000 square feet of Glass. For particulars address

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Standard Flower Pots

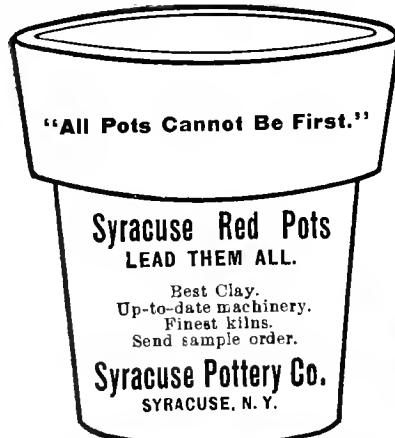
The WHILLDIN POTTERY COMPANY, PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

THE KELLER POTTERY COMPANY,

Manufacturers of FLORISTS' RED STANDARD POTS.

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.

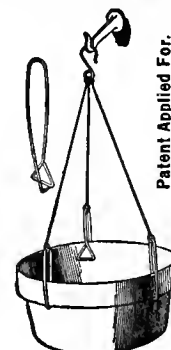


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Patent Applied For.

The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them

FOR SALE BY WHOLESALE SEEDSMEN, FLORISTS AND SUPPLY DEALERS.

Price with wire chain as shown in cut, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.

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STANDARD FLOWER POTS!

Packed in small crates, easy to handle.		Price per crate		Price per dozen	
1500	2-in., in crate,	\$4.88	120	7-in., in crate,	\$4.20
1500	2½ "	5.25	60	8 "	3.00
1500	2¾ "	6.00	HAND MADE.		
1000	3 "	5.00	48	9-in., in crate,	\$3.60
800	3½ "	5.80	24	11 "	4.80
600	4 "	4.60	24	12 "	4.80
320	5 "	4.51	12	14 "	4.80
144	6 "	3.16	6	18 "	4.60

Seed pans, same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address

HILFINGER BROS. POTTERY, Fort Edward, N. Y. Or AUGUST BOLKER & SONS, New York Agents, 31 Barclay Street, New York City.

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GEO. KELLER & SON, MANUFACTURERS OF FLOWER POTS.

Before buying write for prices. 361-363 Herndon Street, near Wrightwood Ave., CHICAGO, ILL.

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We can't do much with a "Just Won't Grow"

Who KNOWS that ALL tobacco powder is the same cigar and tobacco store trash he gets at his cigar store or from his seedsmen and JUST WON'T ask for our booklet, that is full of the sayings of his fellows, that read:

H. A. S. Co.:—I have used the BLACK STUFF FINE TOBACCO POWDER and also the FUMIGATING KIND, and they are all right; do not leave a bad odor; any bug that can stand a siege of the FUMIGATING KIND ought to be sent to the defense of Port Arthur. Yours truly C. D. MILLS, Stratford, Conn.

He JUST WON'T believe that 95 per cent of all the growers that send for our free trial sample bags of THE FUMIGATING KIND (for fumigating), and THE BLACK STUFF FINE (for sprinkling), have purchased not once, but again and again, after the trial. WHY BE A JUST WON'T when you can have these free trial sample bags; yes, two of them if one won't do. All we ask is for you to pay the express charge on them. ASK NOW. Don't be a JUST WON'T.

The H. A. STOOHOFF COMPANY, TOBACCO POWDER HOBBYISTS, 116 West St., New York, N. Y.

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FLORISTS' SPECIALS.....

- "Kinkaid" Hocking
Kanawha Splint
Lower Vein Brazil Block
Genuine Smokeless Pocahontas
Sullivan County Indiana Lump

COAL

We are direct agents. Write for prices for immediate shipment or season's supply.

GLOBE COAL COMPANY, 1560-1570 Old Colony Building, CHICAGO.

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GLASS.

GOOD BRANDS. QUICK SHIPMENTS. LARGE STOCK.

Warehouse on railroad switch. Be sure and get our prices.

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Le Moniteur d'Horticulture

For Horticulturists and Orchid Growers.

EDITED AT PARIS BY

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The representative Gardening Paper of French Florists, Seedsmen and Nurserymen. Sample copies free. The largest circulation in France, Belgium, Italy and Switzerland. Twice every month. Subscription per year: With the colored plates, \$2.30; without the colored plates, \$1.20.

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Greenhouse Material

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OUR FACILITIES INCREASED OUR GRADES INVARIABLY THE BEST.

Hot Bed Sash

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Write for Catalogue and Estimate, when figuring on your new houses.

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EMIL STEFFENS

SUCC. TO N. STEFFENS AND STEFFENS BROS.

Florists' Wire Designs & Supplies. 335 East 21st St. New York City.

ROSSIG BROTHERS,

—MANUFACTURERS OF—

Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

407 West Broadway. NEW YORK.

SUCCESSFUL SELLERS.....

are the Successful growers who advertise in

THE AMERICAN FLORIST.

Worcester, Mass.

Fine weather and plenty of good stock made an especially profitable Easter, and nearly every one in the trade closed out their stock at fair prices. Lilies, as a rule, were very fine and as usual were the best sellers in the plant line. They sold for 20 cents per bud and blossom though some of the retailers who bought unwisely were glad to get 13 cents Saturday night. There was an unusually heavy call for azaleas in small and medium sizes and these closed out early. The larger sizes went slowly and many were left over. Tulips, hyacinths and narcissus sold well and were cleaned up in good shape. Rambler, rhododendrons, snowballs, weigelas, hybrid roses, marguerites, etc., sold at good prices and cleaned out very well, with the exception of the large sizes. Cut flowers in all lines sold well and the only shortage was in long stemmed American Beauty roses.

Lange had three stores in operation and Littlefield had an extra window in connection with his two stores. The churches decorated about as usual and used up considerable stock.

E. Bergstrom is the latest aspirant for honors in the retail flower business, having opened a store on Belmont street. L.

FINDLAY, O.—E. J. Foster & Sons will erect a new range in the suburbs this year.

LA CROSSE, Wis.—Ten horticulture buildings, to cost in the neighborhood of \$10,000, will be built on the Cass street residence property of L. F. Easton. According to John Thorp, the landscape gardener, who will have charge of the improvements, the buildings to be erected will be the most complete set west of the Allegheny mountains.



WM. S. HARMAN,
Chicago, Indianapolis.
Producer, Jobber and Prompt Shipper of Bituminous Coal, Attractive prices on Alum Creek, Pocahontas Smokeless, W. Va. Splint, Brazil Block, Indiana Hooking Lump and other grades.

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PURE SHEEP MANURE

Dried, Unpulverized and Pulverized.

—WRITE FOR PRICES.—

MONTANA FERTILIZER CO., Elgin, Ill.

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A. HERMANN,

Cape Flowers, all colors,
Cycas Leaves, Metal Designs,
and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.

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L. BAUMANN & CO.,

Importers and Manufacturers of
Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue F. Our prices may interest you.

GREENHOUSE LUMBER

Our Louisiana Cypress

Is thoroughly air-dried and free from sap. This is the very best material now offered to the trade for greenhouse construction.

We have the largest stock of this high-grade cypress in the North, and can promise quick service in filling all orders entrusted to us.

Estimates and designs furnished on application. We will be pleased to figure with you on your contemplated work.

Our new detail sheet mailed on request.

RED CEDAR POSTS. IRON FITTINGS. HOT-BED SASH.

LOCKLAND LUMBER CO.

LOCKLAND, O.

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GARLAND'S GUTTERS
WILL KEEP SNOW AND ICE OFF
YOUR GLASS.
DES PLAINES, ILL.
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Manufacture of Thermometers.

In the making of a thermometer the first thing that is usually considered is the character of the glass to be used. The thermometer maker selects a length of annealed glass that is absolutely uniform in bore. The length of glass is held in the blowpipe at the point where it is to be severed until it becomes so thoroughly plastic in the flame that it almost drops apart. When the glass has been thus softened it is withdrawn from the flame, grasped at each end and quickly pulled apart. The result is two tubes, sealed at one end.

The next step is the formation of the bulb. One of the two tubes obtained by the process just described is held in the blowpipe, the sealed end being subjected to the heat. When the glass has been melted sufficiently the tube is removed from the blowpipe. By blowing through the open end, a bulb of any size can be formed. After the bulb has been blown, the next step is the filling of the tube with mercury. The liquid metal rises slightly in the tube. The tube is then reversed, so that the mercury runs down into the bulb. By heating the bulb in an alcohol flame or Bunsen burner, says the Scientific American, the mercury is made to boil. The vapors given off drive out the air, thereby creating a vacuum. When this point has been reached, the open end of the tube is plunged into mercury, which in order to fill the vacuum, rushes up and completely fills the tube.

The open end is next closed with sealing wax in order to prevent the entrance of air. Hermetic sealing is effected by holding the tube in the blowpipe beyond the wax-plugged open end, by drawing the molten end off. Two fixed points must now be taken. The lower is usually taken first. The thermometer is placed vertically in finely pounded melting ice, or preferably snow, contained in a vessel which will allow the water to drain away. The whole of the mercurial column should be immersed in the ice.

After some twenty minutes to half an hour the thermometer may be raised until the top of the mercury is seen just sufficiently for its position to be noted. This is the freezing point, 32° on the Fahrenheit thermometer, 0° on the Centigrade. The temperature of water boiling is the higher fixed point. To determine this the tube of mer-

cury is held in the steam of boiling water, which can be done by running the tube through a cork and suspending it by a wire or other means in the vapor. As the boiling point depends upon the pressure of the atmosphere, the height of the barometer must now be taken. If it stands at 760 millimeters, the temperature is 100° C. If not, a calculation will be necessary; 1° C. or 1.71° F. must be added or subtracted for 26.7 millimeters above or below 760 millimeters. The interval between the two fixed points is then divided into 100 parts or degrees for a Centigrade, or 212 parts for a Fahrenheit thermometer.

To graduate the scale above 100° a column of mercury is measured below that point, then made to pass above step by step; the portions of the tube filled by the column are then divided into the number of degrees which it represents. While a thermometer made in the manner described is not an absolutely scientific heat-recording instrument, still it will be found sufficiently accurate for use in ordinary life.

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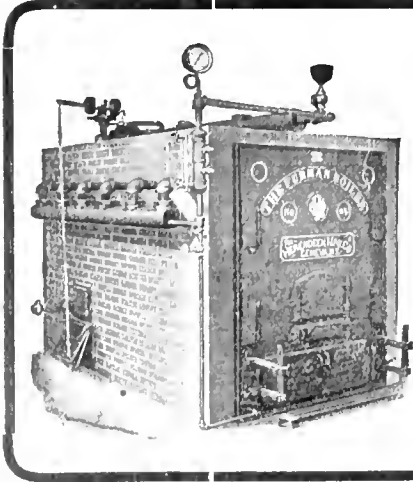
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Asparagus—A. plumosus, 2½-in., \$5 per 100. I. N. Kramer & Son, Cedar Rapids, Ia.

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Canna—King Humbert, 3-in. pot plants, 35c each; \$3.50 per doz.; \$25 per 100. Vaughan's Seed Store, Chicago and New York.

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Forget-me-nots—Forget-me-nots, 2½-in., \$2 per 100. C. R. Hills, Grand Rapids, Mich.

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Glass—French and American "White Rose" brand. Stenzel Glass Co., 2 Hudson St., New York; 101 Portland St., Boston.

Glass—Good brands, quick shipments, large stock. Sharp, Partridge & Co., 22d St. and Union Place, Chicago.

Glass—Glass at wholesale. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Glass—Tank window glass. Hothouse glass a specialty. D. C. Cunningham Glass Co., Pittsburgh, Pa.

Glass—New American, 50 sq. ft. to box; all standard dimensions. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Glass—Thousands of feet of glass suitable for greenhouse and hot beds. Garden City Wrecking & Lumber Co., 47th and Loomis Sts., Chicago.

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Greenhouse Construction—Eureka greenhouses the best and lowest in price. All houses erected at factory and shipped to purchasers with blue prints, photographs and plain directions so any person can put up. Dillon Greenhouse Mfg. Co., Bloomsburg, Pa.

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Gutters—Garland's gutters will keep snow and ice off your glass. A sample of our gutter is on exhibition at Chicago Flower Growers' Market. Geo. M. Garland, Des Plaines, Ill.

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Iron Fittings, Etc.—Send for prices. Lockland Lumber Co., Lockland, O.

Oil, White Lead, Paint, Putty, Etc.—Metropolitan Material Co., 139S-140S Metropolitan Ave., Brooklyn, N. Y.

Paint, Putty, Etc.—The Jas. H. Rice Co., 80-82 Wabash Ave., Chicago.

Paint, Putty, Etc.—H. M. Hooker Co., 59 W. Randolph St., Chicago.

Pipe—Wrought iron pipe, sizes from $\frac{3}{8}$ -in. to 14-in. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

Pipe, Pipe Cutters, Etc.—Pipe, stocks and dies, pipe cutters, Stillson wrenches, pipe vises, hothed sash, etc. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Pipes, Iron Fittings, Etc.—Galvanized iron sash hinges, screw eyes, screw hooks, U bolts, galvanized turn buckles and wire. Fittings for purlin and ridge supports. Foley Mfg. Co., 471 W. 22d St., Chicago.

Pipes and Iron Fittings—S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, New York.

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Steam Traps—Morehead traps insure free circulation in coils. Save fuel. American Blower Co., Detroit, Mich.

Ventilating Apparatus—Send for prices and catalogues. S. Jacobs & Sons, 1365-1373 Flushing Ave., Brooklyn, N. Y.

Ventilators—We furnish high grade ventilating apparatus, raising the sashes in greenhouses and other buildings. Lord & Burnham Co., 1133 Broadway, N. Y. General office and works, Irvington-on-Hudson, N. Y.

Ventilators—The New Departure ventilating appliance, cheapest and best. If you doubt, try it and be convinced. J. D. Carmody, Evansville, Ind.

Ventilating Apparatus—Send for circulars. Diller, Caskey & Co., Cor. 6th and Berk Sts., Philadelphia.

Ventilators—Evans' improved Challenge ventilating apparatus. Quaker City Machine Works, Richmond, Ind.

Ventilators—The Standard ventilating machinery; original machine with self-oiling cups; most powerful, least complicated, very compact. E. Hppard, Youngstown, O.

Ventilators—Hand ventilators, etc. The King Construction Co., N. Tonawanda, N. Y.

BOOKS FOR FLORISTS.

The time is coming along when these are needed and opportunity at hand for reading them. Every one of the following should be in your library.

Send prices quoted and we send the books.

CELERY CULTURE (Vaughan).—The important subject of celery culture is thoroughly covered in this illustrated pamphlet of 59 pages. The florists raising young plants of celery and those who grow the plants to maturity will alike find it valuable. 50 cents.

FUMIGATION METHODS (Johnson).—A practical treatise on cheap and effective means of destroying insect pests. Handsomely bound and profusely illustrated. 250 pages. \$1.00.

HOW TO GROW CUT FLOWERS (Hunt).—The only book on the subject. It is a thoroughly reliable work by an eminently successful practical florist. Illustrated. \$2.00.

LANDSCAPE GARDENING (Maynard).—The development of landscape art within the past few years compels the wide awake florist to keep posted on this branch of the business. The many suggestions of this book will be found helpful every business day. It contains 338 pages, 165 illustrations. \$1.50.

CABBAGES, CAULIFLOWER AND ALLIED VEGETABLES (Allen).—The requirements of the important vegetables of the cabbage tribe are given here very fully. The book also contains interesting chapters on seed raising, insect pests and fungus diseases common to these plants. 50 cents.

HEATING AND VENTILATING BUILDINGS (Carpenter).—This book covers the entire subject most fully. In the preparation of heating and ventilating plans, it will be found a most valuable guide. \$4.00.

MUSHROOMS: HOW TO GROW THEM (Falconer).—The only American book on the subject, 29 illustrations. Written by a practical mushroom grower who tells the whole story so tersely and plainly that a child can understand it. This book has increased mushroom growing in this country three fold in three years. \$1.50.

THE ROSE—Its cultivation, varieties, etc. (H. B. Ellwanger).—A complete guide of the cultivation of the rose, together with the classification of all the leading varieties. \$1.25.

SUCCESS IN MARKET GARDENING (Rawson).—Written by one of the most prominent and successful market gardeners in the country, and who has the largest glasshouses for forcing vegetables for market in America. Outdoor and indoor crops are treated. Illustrated, \$1.00.

STEAM HEATING FOR BUILDINGS (Baldwin).—Contains valuable data and hints for steam fitters and those who employ this method of heating. The 350 pages are fully illustrated. \$2.50.

THE HORTICULTURISTS' RULE-BOOK (L. H. Bailey).—Contains information valuable to all those engaged in any branch of horticulture. Illustrated. 312 pages. 75 cents.

GINSENG (Ksins).—At the present time when so much interest is taken in ginseng, it will be interesting to peruse this volume, which tells all about the plant in a way that all may understand. The 144 pages are freely illustrated. 50 cents.

HANDY MANUAL (J. W. Johnson).—A new work, fully illustrated with plans, etc., on greenhouse heating and ventilating, by a practical steam and hot water heating engineer of long experience. Replete with valuable information. 125 pages. \$1.00.

PRACTICAL FLORICULTURE (Peter Henderson).—A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. \$1.50.

THE PRINCIPLES OF FRUIT GROWING (Bailey).—The entire subject of fruit culture is treated very thoroughly in this illustrated volume of 516 pages. It is a book that no up-to-date fruit grower can afford to be without. \$1.25.

CHRYSANTHEMUM MANUAL (Smith).—By an expert who has given his undivided attention for twenty years to the improvement of the chrysanthemum and its culture in detail. Profusely illustrated. 25 cents.

HOW TO MAKE MONEY GROWING VIOLETS (Saltford).—This is by a practical grower who has made a success of the business. No grower of violets can afford to be without it. 25 cents.

LANDSCAPE GARDENING (Waugh).—This is a very useful little book on the art of landscape gardening. It will be found exceptionally valuable to amateurs, as it covers in detail the numerous problems that come to the owners of small gardens. It is freely illustrated and the pictures have been chosen with a view to informing the reader rather than decorating the book. 50 cents.

HEDGES, WINDBREAKS, ETC. (Powell).—A treatise on the planting, growth and management of hedge plants for country and suburban homes. A volume of 140 pages, with twenty-two illustrations. 50 cents.

THE AMERICAN CARNATION (C. W. Ward).—A complete treatment of all the most modern methods of cultivating this most important flower. Illustrated. \$3.50.

American Florist Co.,
324 Dearborn Street, CHICAGO.

Montreal.**TRADE CONDITIONS.**

Trade showed an increase of twenty-five per cent over last year, and might easily have been greater had it not been for a heavy snowstorm on Good Friday. Snow fell to a depth of five inches and almost completely tied up business. Saturday was an ideal spring day, although the roads were in very bad condition. In spite of all drawbacks, however, an immense business was done. Lilies easily took the lead, although it seems to the writer that each place is only capable of selling a certain number of lily plants, regardless of how great a quantity there is shown. For instance, at some places lilies were staged by the thousands, but only from four to five hundred were sold, while others having on hand from three to five hundred plants sold out completely. Spireas sold in large quantities. The smaller hydrangeas went rapidly, but the larger specimens hung fire, although there was at no time an overstock of them. Rambler and other roses were scarce and a few lily of the valley in pots sold well. Lilacs and snowballs were in good shape, but there was only a limited call for this class of plant. Azaleas, rhododendrons and genistas were cleaned out, although the supply was not large. Stores having the largest variety generally report the largest increase in sales. There was a great demand for cut roses St. George's day, April 23. Carnations were scarce, as were also violets. Bulbous stock, which did not sell in pots, sold out very well, and at good prices. Easter novelties, including eggs in rustic stands, fancy baskets, etc., were not in demand.

Miss Cairns showed a lot of white bells and reports a good sale of them. S. S. Bain is very well satisfied, although somewhat short of lilies. Colin Campbell reports a large increase in cut flowers with the exception of lilies, as does Joseph Bennett. P. McKenna & Son report fifty per cent increase and were well sold out. Hall & Robinson report satisfactory increase over last year.

Luck.

Additional Easter Trade Reports.

We present herewith some reports on Easter trade which were received too late for insertion in our last issue:

RICHMOND, IND.—Richmond florists report that the demand for Easter flowers was unprecedented, much stock being shipped in to meet the demand.

NEW CASTLE, IND.—The demand for Easter stock has exceeded that of any previous year. It is estimated that only 70 per cent of the orders received could be filled.

CARLISLE, PA.—Jesse Robbins writes of an increase of thirty per cent in this year's holiday sales. Carnations and roses were in good demand. Azaleas and bulbous stock moved quite readily.

LOS ANGELES, CAL.—Business slumped about ten per cent, with a slight falling off in prices. An over-abundance of all kinds of stock was responsible for the falling off. Cut lilies sold unusually well.

NEW LONDON, CONN.—Fine weather the whole week preceding Easter was largely the cause of the brisk trade Easter, writes H. H. Appeldorn. Azaleas

and bulbous stock were in good demand.

SAN RAFAEL, CAL.—Stock here was in too large quantities for the demand, and as a consequence prices did not advance. B. Brennefleck writes that roses were most popular and that all cut stock was plentiful.

ENGLEWOOD, ILL.—Capt. A. I. Simmons has opened a floral store at Fifty-fifth street and Indiana avenue. It is a handsome place, and with the exercise of his usual push, the captain bids fair to make it a success.

POMONA, CAL.—A decided increase over last year marked this year's business, says O. Roessner. About the same prices ruled. A brisk demand for plants was a prominent feature.

BAKER CITY, ORE.—Trade showed an increase of one-third, with the same prices in evidence as last year, reports Richard Eisele. Cut flowers were most in demand, with little or no call for plants.

SALT LAKE CITY, UTAH.—According to the Salt Lake Floral Company, prices ruled about ten per cent better than last year. The supply of stock was ample, with the exception of lilies, both cut and pot plants.

MONTREAL, QUE.—Plants were in great demand for Easter decorations. Lilies and violets were short and cut flowers were nearly all cleaned up. S. S. Bain reports trade as being ten per cent better than last year.

TRENTON, N. J.—An increase of nearly forty per cent was enjoyed by members of the craft this year, says Martin C. Ribsam. Better prices ruled and the stock was so well balanced that all grades were well sold out.

LINCOLN, NEB.—It is reported by C. H. Frey that this year's holiday trade was at least twenty-five per cent in advance of last year. Very little stock in any line was left over. Lilies had first call, but other plants sold well.

WICHITA, KAN.—W. H. Culp & Company report business as being slightly better than last year. The season was too late for azaleas and lilies fell a little short of the demand. Cut flowers of all kinds were well cleaned up.

EAST OAKLAND, CAL.—The lateness of Easter this year caused a slump in prices of about twenty-five per cent, writes the Domoto Brothers. The demand was small and much stock was in evidence after the holiday was over.

CAMDEN, N. J.—C. W. Turnley reports an increase of at least one-third over last year in the volume of business done. There was no change in prices. All stock was on hand in ample quantity, except lily of the valley and violets.

EXETER, N. H.—The demand for plants was the feature of this year's trade, according to the Exeter Rose Conservatories. Roses were most in demand among the cut flowers. Trade showed no change, either in price or volume of business done.

RACINE, WIS.—Easter trade showed no perceptible change over last year, reports A. J. Fidler. Flowering plants of all kinds were short, but a good supply of cut stock was on hand. Lilies were far ahead of any other stock and there was a large call for Easter baskets.

WESTMOUTH, QUE.—Trade here showed a decided increase over last year with prices practically the same. Roses were short in supply with other stock about up to the demand. B. T. Graves writes that all stock of good quality sold well.

BRANTFORD, ONT.—Thomas A. Ivey reports that holiday trade was ten per cent better than last year. Plants were in good supply, with the exception of azaleas. Cut flowers were not up to the demand, and all stock was well cleaned up.

LAFAYETTE, IND.—The florists here enjoyed a good increase over last year in volume of business done. The supply of plants was about equal to the demand, but carnations and roses fell short. Any good flowering plant sold well, report F. Dorner & Sons Company.

NEW WESTMINSTER, B. C.—The lateness of Easter caused a shortage in the supply of cut flowers, as bulbous stock could not be kept back. Thomas Davies reports a demand for all plants and that carnations were first in demand among cut stock. Business on the whole was on a par with last year.

GOVANSTOWN, BALTIMORE, MD.—Prices ruled a trifle higher this year, writes Isaac H. Moss. Plants were on hand in sufficient quantity, but there appeared to be a shortage of carnations and violets. Any variety of blooming plants found a good demand.

SPOKANE, WASH.—Prices were somewhat higher than last year and all stock was equal to the demand except carnations. Bulbous stock was hard to move, but lilies and palms met with ready sales. H. M. Sanders reports an increase of forty per cent over last year.

ROCHESTER, N. Y.—John B. Keller's Sons write of a ten per cent increase this year, with prices the same as last year. Bulb stock found little call. Azaleas, Rambler roses, genistas and lilies were leaders among the flowering plants. All cut flowers moved well.

DALLAS, TEXAS.—The lateness of Easter caused a falling off in trade of at least one-third, writes the Texas Seed & Floral Company. Lilies were the only reasonable stock for which there was any marked demand, as all other flowers were in full bloom in the fields.

LOS ANGELES, CAL.—Prices were perhaps a little lower than those prevailing last year, but the cash receipts show an increase of fifty per cent. Azaleas and Boston ferns were the leading plants, and roses, lily of the valley, carnations and violets were most in demand among the cut flowers.

WILKESBARRE, PA.—According to Ira G. Marvin's report, there was an increase of twenty per cent over last year's holiday trade. Lilies, azaleas and hydrangeas were first in favor among the plants, while roses, violets and carnations sold in the order named among the cut stock.

YOUNGSTOWN, O.—The weather the entire week preceding Easter was very unfavorable to business, but sales showed an increase over last year of nearly fifteen per cent, say Walker & McLean. Good violets were impossible to be had, but other cut flowers and plants were in the market in quantity.

DON'T WASTE

Printed Matter and Postage.



THE American Florist Company's Directory saves many times its price to every one who catalogues or circularizes even a small part of the trade. Fully revised to date of publication, it puts the mail only to live names, avoiding waste of postage and printed matter, time and labor.

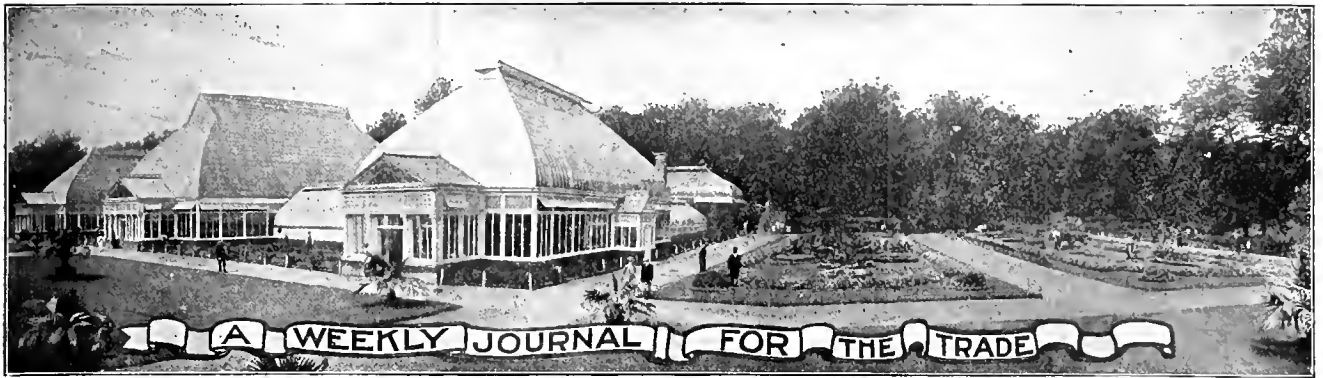
Contains 452 pages, lists of Florists, Seedsmen and Nurserymen of the United States and Canada by states and towns, also alphabetically; firms that issue catalogues, foreign merchants, horticultural societies and much other up-to-date information which makes it a reference book of daily utility wherever a wholesale trade is done.

Sent postpaid at \$2.00 a copy by the publishers.



AMERICAN FLORIST CO.
324 Dearborn St.
CHICAGO, - ILLINOIS.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

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THE AMERICAN FLORIST

TWENTIETH YEAR.

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—J. C. VAUGHAN, Chicago, president; J. R. FREEMAN, Washington, D. C., vice-president; Wm. J. STEWART, 11 Hamilton Place, Room 11, Boston, Mass., secretary; H. B. BEATTY, Oil City, Pa., treasurer. Twenty-first annual meeting at Washington, D. C., August 15-18, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention and exhibition at Boston, March, 1906. PETER FISHER, Ellist, Mass., president; ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., March, 1906. ALEX. MONTGOMERY, Natick, Mass., president; Wm. J. STEWART, 11 Hamilton Place, Boston, Mass., secretary.

AMERICAN PEONY SOCIETY.

Exhibition at Chicago June 16-17. C. W. WARD, Queens, N. Y., president; ARTHUR H. FEWKES, Newton Highlands, Mass., secretary. J. B. DEAMUD, 51 Wabash Avenue, Chicago, exhibition manager.

Ready
Reference
Advertising,
Pages 771
to
776.

The Street Flower Merchants.

[A paper read by Alfred H. Langjahr before the New York Florists' Club, May 8, 1905.]

Are street merchants and peddlers beneficial or detrimental to the florists' business from a wholesaler's standpoint?

In taking up this question I should like to classify the street merchants, calling the one that tries unfair means of selling his flowers the "fakir," and the other that is beneficial to our business, the "vendor."

The greatest detriment to our business through the fakir is, I believe, that just after a dull summer season, when the first high priced chrysanthemums have been cleared out, we get the prices down within reach of the flower buying public, and after opening up your shop in the morning the first customer comes along and asks, "Well, what are you going to get for chrysanthemums today?"

If you should say from \$1 to \$3 per dozen you get the answer, "Why I can go right down the street and buy the largest blooms like those you have there, for 5 cents."

It was true that the "fakir" had a large 5 cent sign stuck in the best vase of flowers he had, but of course he never intended to sell these at that price; he paid the market price for them. He also had many grades of flowers at as many prices, but the sign seems to be his hit with the public.

In the winter time, when carnations are bringing \$3 per 100 and violets \$1.50 per 100, the fake sign reads, carnations 15 cents per dozen and violets 10 cents per bunch, and this fakir happens to buy in your place, and if seen there by one of your good retail customers—the wholesaler has troubles of his own—the retailer comes to the conclusion that you are selling cheaper to the fakir. I know it is not very pleasant to stand in a retail store and every second customer that comes in will tell you how cheap they can buy flowers on the street.

Another bad feature in our business is, if prices have been steady for some time and the wholesaler cleans out to the vendor a lot of special violets, Bridesmaid or American Beauty, and he is seen by the buyers hawking them around, you may have to cut some slips the next day. I do honestly believe that flowers are cheapened when the same flowers are continually put out for sale on the street.

In cities of the third class a vendor may create a great deal of harm, and if the store men will get together and use up all the spare flowers to keep them off the street, I think it would pay them.

Cities of the second class will have to submit to some street vending, and in cities like New York it will be impossible to do without the vendor.

In Boston a few years ago the wholesaler would not sell anything to the street man until 6 o'clock at night.

In Philadelphia the street man is known as the "fakir." He is not allowed into the store proper until you are ready to wait on him. Then he is taken from a cage in the rear of the store one at a time to the ice-box to make the purchase and retired. This prohibits him from interfering with the regular customers.

In Chicago where they have so much shipping trade I do not think much stock should find its way out on the street.

Here is New York we have practically no shipping trade and have to depend on our local people to buy everything that is shipped to us. We receive flowers from nearly every state in the union and sometimes from Canada. What would we do without the street vendor? He pays cash, buys in large quantities and takes his flowers with him. He will purchase 50,000 violets or 5,000 carnations and all the red roses you are willing to sell him.

Of course there are other vendors that will only purchase 1,000 violets and the flowers are on sale here from 6 a. m. until 7 at night. Everyone is glad to do business with him; he is the advertising agent of our business. You will find him on Broadway; he is wending his way through the Fifth Avenue crowd or among the slums where a flower is a ray of sunshine to those who see nothing but fire escapes and humanity. And when all the shops are closed on a Sunday or holiday he is silently plodding along and disposing of his flowers.

I wish to emphasize here in New York where the grower is continually adding to his plant, and new men going into our business every season, what would we do without the vendor? He is a hard working, industrious person; if he would show the same ability as a salesman for John Wanamaker, he would be employed and well paid.

In closing, I wish to say that he is the Daniel Boone of the cut flower business.

Window and Balcony Floral Decorations

IN PARIS LAST YEAR.

Few words are necessary in regard to the good effect of the movement recently established in Paris, following the lead of many other continental cities, which has given new life and interest to the subject of decorating windows and balconies. A competition has arisen which can only result in the adornment of the city and whose horticultural results will be far-reaching. It is desired that Paris shall continue to grace herself with flowers every spring, and while the buildings and residences of the richer quarters are made beautiful with choice plants, the more modest balconies and windows are gay with nasturtiums, cobceas and geraniums. These latter lose nothing in comparison, for where luxury ends originality begins.

The jury decided upon by the New Paris Association, is composed of architects, literary men, art critics, professors of horticulture, florists and horticulturists, and has not lacked for employment. One member, who is greatly interested, has given special attention to the windows of houses occupied by laborers, and has found veritable terrace gardens, often provided in the most ingenious manner. Situated often in narrow streets, in courts where air and light scarcely penetrate, he has found many windows transformed into veritable floral decorations, cared for with the

most jealous attention. Grape vines are sometimes grown and the few clusters of fruit which appear are hailed with joy by the entire family. We can testify that wherever the windows were decorated with taste, the narrow lodging was kept with great neatness and order, and the tenants were especially interested in whatever would give it brightness. The moral influence of flowers exists, however much it may be doubted by many. Eighty-six balconies, terrace gardens and windows were awarded prizes. With excellent reasons, certain members preferred to consider the artistic effect of the aerial decorations, while others gave equal importance to the cultivation of plants which in their nature could not be so brilliant or ornamental. Both views seem equally just, and if the object be to encourage window-gardening in the homes of the poor, it is probably best not to place too many restrictions in the way. Doubtless the window flower garden aims toward a more permanent decorative effect than an arrangement made for the eyes of the jury, but the floral garniture of some of the great buildings is most artistic and a real lesson in taste.

It is not surprising that the public press has interested itself, and that four great newspapers should have taken an active part by entering the competition and having their buildings decorated. The ornamentation of these building fronts

were the best examples of temporary decoration. The windows of the Echo de Paris were framed in masses of pink and blue hydrangeas, anemesis, ericas, coronillas, rhododendrons, crassulas, rhodanthe, Crimson Rambler roses, with hundreds of clusters of roses, cordylines and phœnix. The facade of the Figaro, by its architectural features lends itself best of all to artistic decoration. A delightful screen was formed by the fronds of Cocos Weddelliana and kentia, while on each side, framing the statue of Figaro, rose masses of anemesis, hydrangeas, azaleas, rhododendrons, while between the balusters of the railing were grouped other flowering plants, mostly ivy-leaved pelargonium. Each windowed bay of the balcony above the festival hall was likewise screened with palms and framed with flowers; a box two inches high on the top of the balustrade made a jardiniere from which grew hydrangeas, coronillas, spireas, anemesis, with ivy-leaved geraniums fringing the sides.

The rotunda of the Gaulois was as charmingly decorated. A phœnix occupied the space between each window, emerging from a happy combination of lilies, hydrangeas, anemesis, callas and other plants. Each window facing the rue Drouot was prettily framed by two phœnix, and filled with pretty jardinières of yellow calceolarias and blue cinerarias. Very elegant also was the first story of the Journal, which necessitated five window boxes in front of the window supports. Each box contained a kentia at each side, while in the center was a delightful mingling of the vivid blooms of azalea, anemesis, coronillas, hydrangeas, ericas, rhodanthes, and from which fell cascades of ivy-leaved pelargoniums. These decorations showed what may be done with a temporary arrangement, designed to last several days.

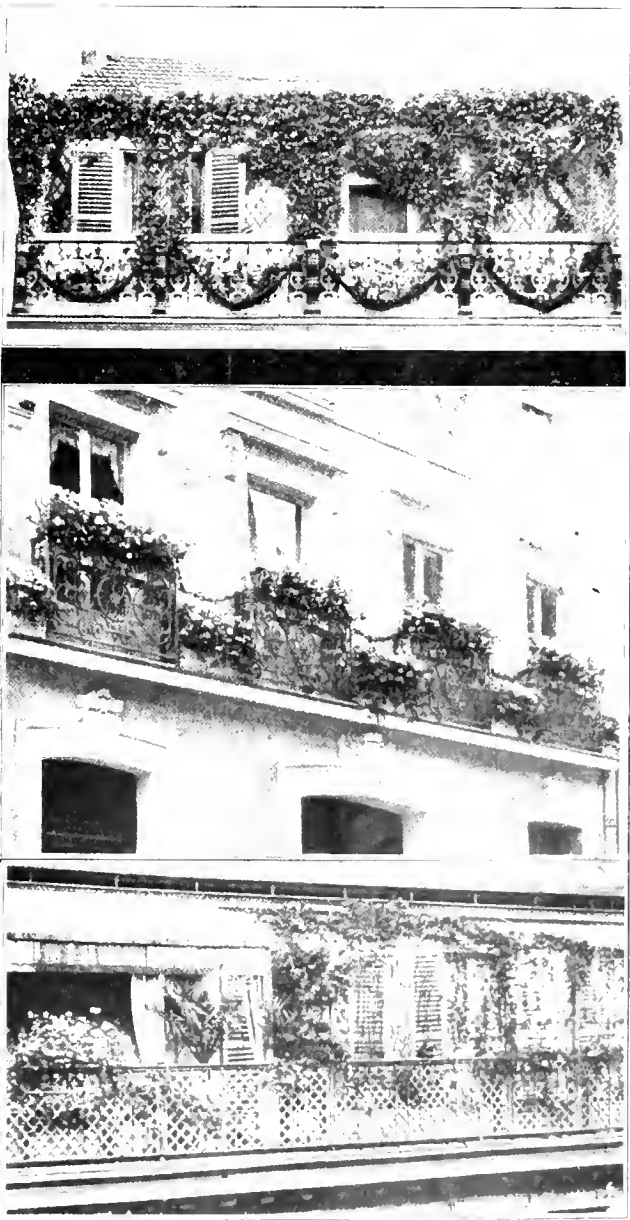
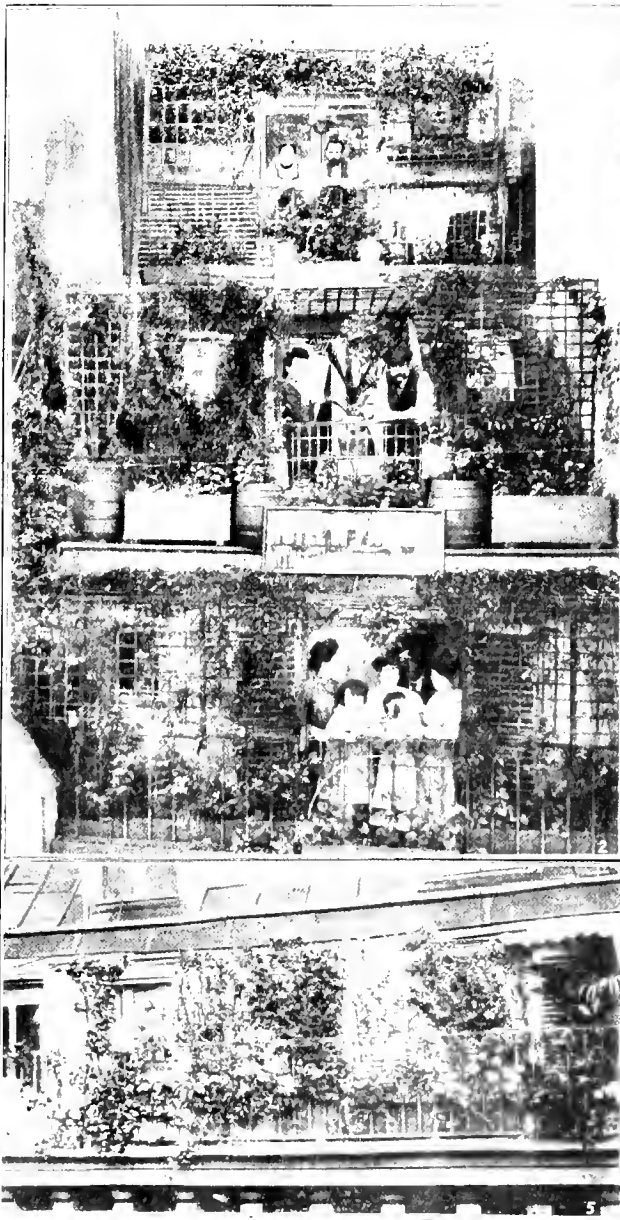
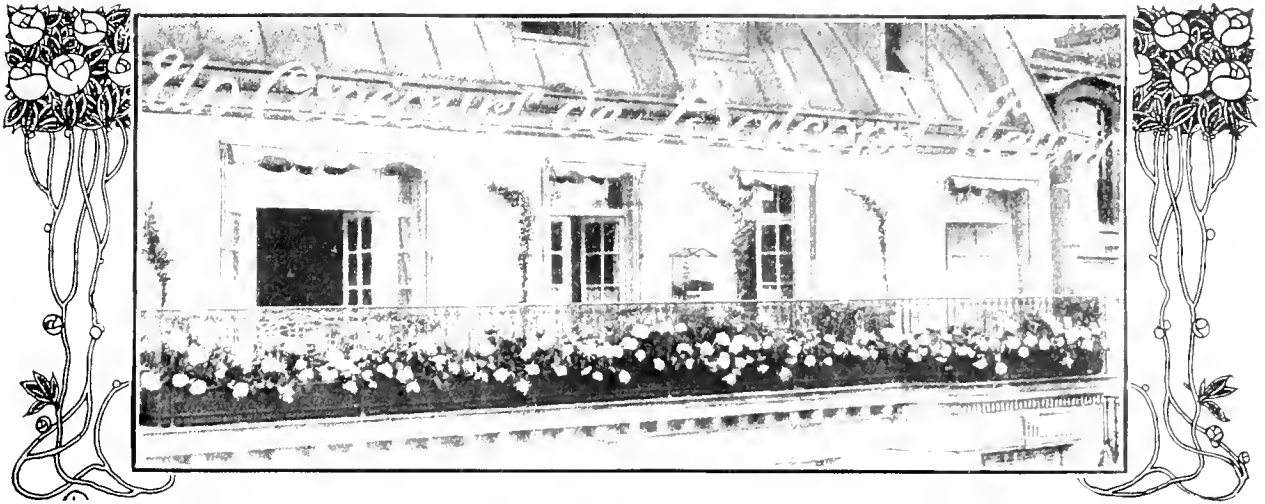
The first prize of honor was awarded to the installation of a veritable garden on the steep incline of a sloping roof, perhaps not very remarkable for its decorative quality, in a narrow sense, but of an indisputable picturesqueness. Upon the roof of this old building the owner, Mr. Boudard, ingeniously arranged three stories of receptacles, one above the other, containing soil and plants, some of which, like the Virginia creeper, covered not only his own roof, but scaling the neighboring buildings, fell in festoons from the projections. Among these hardy permanent plants pelargoniums, nasturtiums, fuchsias, anemesis, etc., are added for the flowering season. See fig. 2, page 737.

The second prize was awarded to the clever director of the French Gallery of Decorative Art, L. C. Moysc. His decoration is the type of the best that can be attained, in permanent effect, from May to October. The prominence of the windows, the width of the ledge below aided in carrying out the excellent plan. Very simple boxes, for they are to be quite covered with the greenery, surmount each balustrade, instead of being at its foot. This arrangement increases the decorative effect, for instead of being partly hidden by the balustrade, flowers and vines show freely. Other boxes occupy the open space between the balustrades, forming a delicate Greek design. The plants were chosen for two effects, one immediate and temporary, the other for the entire season. Strong plants of anemesis and pelargoniums alternate with zonal geraniums, while ivy-leaved geraniums and Cobceas scandens



WINDOW BOXES IN PHILADELPHIA.—See last week's issue.

(On second story balcony.)



A PARISIAN COMPETITION IN FLORAL BALCONY DECORATION.

FROM A FRENCH ILLUSTRATED PAPER.

(See page 786 for references to figures.)

unite the windows. When the pelargoniums are through blooming zonal geraniums take their place, while the ivy-leaved geraniums and cobcea unite all with their luxuriant festoons. See fig. 4, page 737.

The pavilions of the Alcazar and the Ambassadeurs obtained the third prize for the band of bloom that encircled them at the second story. See fig. 5, page 737.

A very original and pretty decoration is that of the balcony of the Lion restaurant. Vases are placed every six feet upon pedestals the height of the railing, and are filled with strong flowering plants; these vases are united by low arches covered with vines, from the center of each of which is suspended a pretty hanging-basket.

Very pretty also is the first story of the Sport, a symphony in carmine and pale pink, two vast window boxes of pelargoniums, pink hydrangeas, and a fringe of ivy-leaved geranium.

Among more permanent effects are two on the fifth story, where on the long balconies, veritable pergolas of woodbine and jasmine to the south and honeysuckle to the north, have been established, and color is furnished by brilliant window boxes.

The best single window has a green trellis fastened to the open shutters, upon which a Virginia creeper frames the entire window. The window-box with its geraniums, zonal and ivy-leaved, calceolaria, rugosa and anthemis is the full width of the window.

This subject is no less interesting from the artistic than the business point of view, and horticultural societies should encourage the movement.—Le Jardin.

A Lewis and Clark Horticulturist.

It is thought that the Lewis and Clark expedition, according to Bailey's *Cyclopedia of American Horticulture*, was planned at the house of Bernard MacMahon, in Philadelphia. At all events MacMahon and Landreth were instrumental in distributing the seeds which those explorers collected. Bernard MacMahon was an Irish horticulturist who flourished about 1775 to September 16, 1816. He came to America for political



WINDOW BOXES IN PHILADELPHIA—See last week's issue.
(Eleven on four houses.)

reasons in 1796, and settled in Philadelphia, where he engaged in the seed and nursery business. The editor of the *American Gardener's Calendar*, 1857, page 760, makes the following reminiscences of MacMahon:

"Bernard MacMahon was no common man. He sought the American shores from political motives, as is understood, but what these were has not been determined; most probably it was necessary to fly from the persecution of the government. He found American gardening in its infancy, and immediately set himself vigorously to work to introduce a love for flowers and fruit. The writer well remembers his store, his garden and greenhouses. The latter were situated near the Germantown turnpike, between Philadelphia and Nicetown, whence emanated the rarer flowers and novelties, such as could be collected in the early part of the present century, and where were performed to the astonishment of the amateurs of that day, successful feats of horticulture that were but too rarely imitated. His store

was on Second street, below Market, on the east side. Many must still be alive who recollect its bulk window, ornamented with tulip-glasses, a large pumpkin, and a basket or two of bulbous roots; behind the counter officiated Mrs. MacMahon, with some considerable Irish accent, but a most amiable and excellent disposition, and withal, an able saleswoman. Mr. MacMahon was also much in the store, putting up seeds for transmission to all parts of this country and Europe, writing his book, or attending to his correspondence; in one corner was a shelf containing a few botanical or gardening books, for which there was then a very small demand; another contained the few garden implements, such as knives and trimming scissors; a barrel of peas and a bag of seedling potatoes, an onion receptacle, a few chairs, and the room partly lined with drawers containing seeds, constituted the apparent stock in trade of what was one of the greatest seed stores then known in the Union, and where was transacted a considerable business for that day. Such a store would naturally attract the botanist as well as the gardener, and it was the frequent lounge of both classes, who ever found in the proprietors ready listeners, as well as conversers; in the latter particular they were rather remarkable, and here you would see Nuttall, Baldwin, Darlington and other scientific men, who sought information or were ready to impart it."

Growing Sweet Peas.

ED. AMERICAN FLORIST:—

The inquiry on starting sweet peas in a greenhouse and transferring to the open ground, which appeared in the *AMERICAN FLORIST* of March 18, was interesting, but the answer not very encouraging. We have grown sweet peas and planted them out and have never yet made a failure, but we did not plant them in 4-inch pots, as is suggested in "M.'s" query. About the middle of January, or not later than February 1, we fill a 6-inch pot with rich soil and plant twelve to fifteen seeds. Any variety but the extra early ones is good. The latter grow too spindly and do not grow well after they are put outdoors.

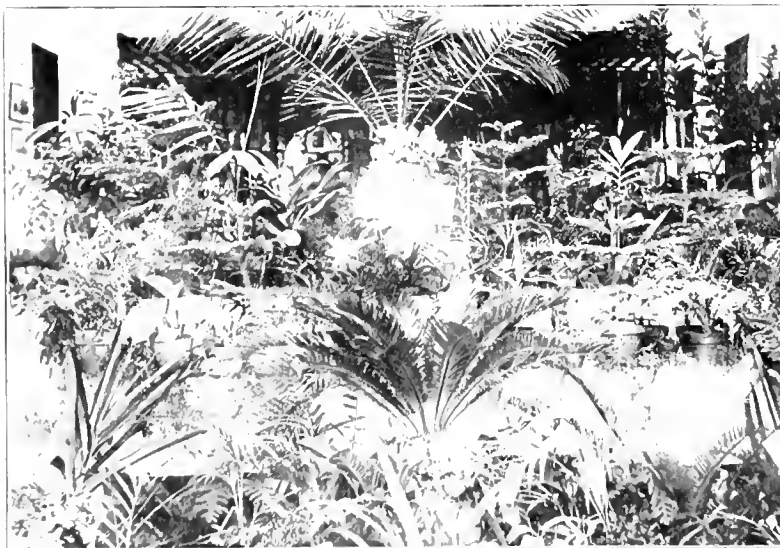


EXHIBIT OF SOAR BROS. AT DADE COUNTY FAIR, MIAMI, FLA.

Just before the seeds come through the ground, which will be in about two weeks, we apply a top dressing of soil and bone-meal mixed. As the roots never spread after they are planted outdoors it is necessary to have a good foundation. They must be grown in a cool place and we have found it necessary some nights to cover them with papers to keep them from freezing. Watering must not be neglected. About April 15 we transfer them outdoors, digging a trench ten inches deep and twelve inches wide, and planting the young plants from the pots, three or four inches apart, as they will bear close planting. The trenches are dug about five feet apart. We place a row of stakes, about five feet high, along each side of the plants, stringing the plants with ordinary wrapping twine to the top of the stakes six or eight inches apart. Then cover the ground with two or three inches of manure and water freely.

After all this work you may think it is all in vain. If the wind blows hard for a day, as it has a habit of doing here in Missouri, the plants will look rather sorry, but in a few days they will again stiffen up and look like sweet peas. One year they froze three nights in succession but they were not injured in the least. They will begin to bloom by Decoration day. If they are properly grown and put out right they are a good investment. We never saw vines planted outdoors from seed in the spring that show half as rank growth as those transplanted. We have grown them this way for seven years.

Kirkville, Mo. B. F. EADES.

CAMDEN, N. J.—Forest Hill is the name of the new public park soon to be laid out at Parkside on land purchased by the city. The park will contain eighty acres.

TORONTO, ONT.—The Fruit, Flower and Honey Show is to stay in Toronto. The usual grant of \$1,000 will be made this year. Hamilton, which made an effort to secure the attraction, will have to be satisfied with a grant of \$500, with which to hold a show of its own in September.



THE VEGETABLE PLANT PEDDLER.
(The man who reaches isolated localities.)

MARKET GARDENS.

NEWPORT, R. I.—The first cuttings of rhubarb were made April 26, and asparagus April 28. On its appearance the former sold for 3 to 5 cents per pound wholesale and 8 to 10 cents retail. Asparagus started at 25 cents per pound to dealers and 35 cents to the consumers. The retail prices on these vegetables now are: Rhubarb 2 cents and asparagus 20 cents per pound.

Prices of Indoor Vegetables.

The prices of indoor vegetables at leading points May 6 were as follows: New York—Cucumbers, \$2 to \$5 per case; lettuce, 50 cents to \$1.25 per case; mushrooms, 25 cents to 50 cents per pound; radishes, \$1 to \$1.50 per 100 bunches; tomatoes, 10 cents to 25 cents per pound. Buffalo—Cucumbers, 50 cents to \$1 per dozen. Minneapolis—Cucumbers, \$1.25 to \$1.50 per dozen.

Detroit—Cucumbers, \$1 to \$1.25 per dozen; lettuce, 8 cents to 9 cents per pound. Cincinnati—Cucumbers, \$1 per dozen. Kansas City—Mushrooms, 50 cents per pound.

Seasonable Notes.

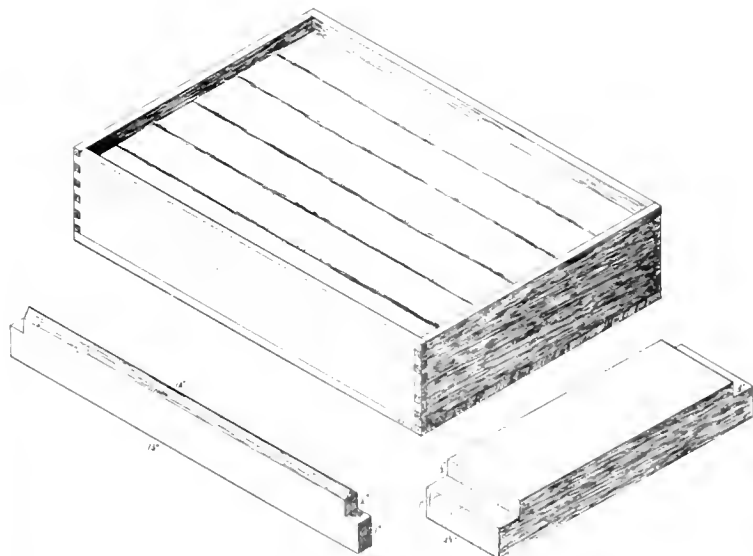
These are extremely busy days for the market gardener, with so many operations on hand in the field. The first sowing of all the hardier vegetables has been made and work in preparing the ground for future planting is going forward. There is work also in the greenhouses and frames which requires considerable attention. Some market gardeners are so situated that the raising of vegetable plants for spring sales to satisfy a local demand is practiced. Frequently this has started in a small way and in some cases has developed to considerable proportions. Others again find only a limited demand, which is easily supplied from the market gardeners' surpluses. The profit in growing vegetable plants depends to a great extent on the local situation. In some cases the demand is for plants transplanted to flats, especially where the growers supply peddlers or peddle themselves. Transplanting to flats entails considerable labor, so that those who simply transplant into frames and dispose of their plants from them will in all probability have the most profit.

THE PLANT PEDDLER.

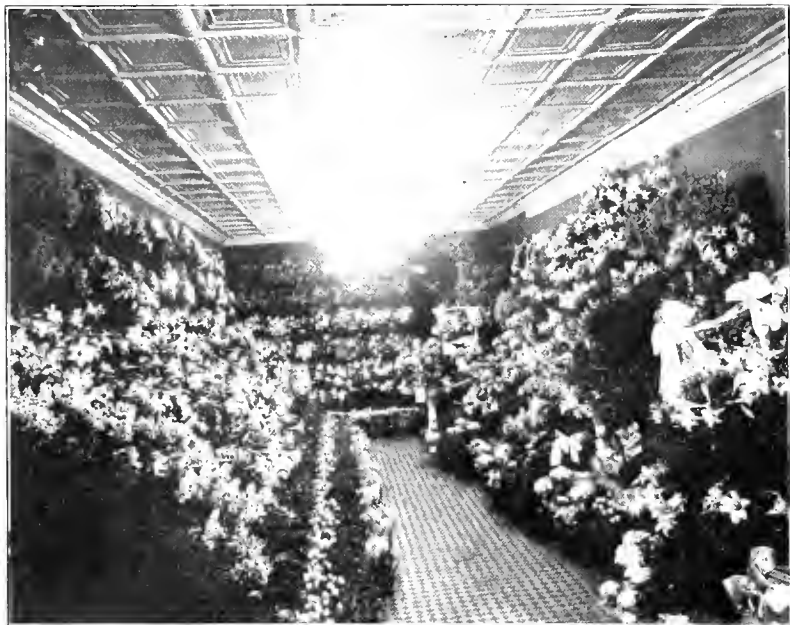
It will be interesting to note the methods of distributing vegetable plants in outlying districts. The illustration shows a peddler who travels fourteen miles for his load of plants, distributing them among farmers and cottagers for miles around. The cabbage starts the season; this is followed by tomatoes and other plants, the season lasting about six weeks. Usually such men make a fair profit for their efforts and are, perhaps unconsciously to themselves, fulfilling an important mission by bringing to the doors of such people vegetables that figure so largely in the health and economy of the household.

CUCUMBERS.

Many market gardeners are sowing



HANDY SEED SOWING DEVICE.



EASTER STORE OF S. A. ANDERSON, BUFFALO, N. Y.

cucumbers and muskmelons in pots at this season for transplanting to the garden when the weather becomes settled and warm. The smallest pots are chosen and one seed only placed in each. Under favorable weather conditions a considerable gain in time of production is made. Another good method to adopt is to sow cucumbers under sash in spent hotbeds or cold frames. Provide a barrowful of well enriched, fresh soil, gathering the greater portion to a small mound in the center of each sash, and sow five or six seeds, which should be eventually thinned to two or three of the strongest plants. In the earlier stages growth should be encouraged by keeping the surroundings moist and husbanding the heat by early closing. Even a few sash will be profitable, and by this means the season for cucumbers will begin three or four weeks ahead of the outside product.

DANDELION.

In some parts of the country dandelion is an indispensable green for early spring. Some market gardeners sow in June for the spring crop of the following year. We have found early sowing advisable. The seed does not germinate readily in dry weather, therefore when a showery day is indicated the seed should be sown. In growing dandelion, the man who reaches the market first gets the better price. A good method is to force dandelion under sash in the early spring. To accomplish this, seed should be sown at once in a spent hotbed and kept dark and moist until the plants appear. When of sufficient size they can be transplanted three or four inches apart in a well prepared piece of ground, where, if possible, board frames can be built around them the following spring, making the beds in transplanting a little short of six feet in width. The plants will grow rapidly and thus prevent weeds interfering, and when their summer growth becomes rampant the beds may be mown over with a scythe. Such beds as these, encouraged by placing sash over them in early spring, will hasten dandelion so that the best prices can be obtained.

HORSERADISH.

A deep soil, especially if inclined to dampness, will afford suitable conditions for growing horseradish of the finest quality. The ground may be marked off in rows three feet apart. The thin pieces of roots which have been saved from the previous year's crop are cut into 5-inch lengths and planted about a foot apart in the rows. The holes in which the roots are placed may be made with a dibble and the top of the set should be about three inches under ground. Good, clean cultivation until the leaves become large should be adopted.

HANDY SEED SOWING DEVICE.

Previous mention has been made of the inventive turn of mind which obtains in the average market gardener. Methods of intercropping where two or three crops can be taken from the same piece of ground, inventions of and improvement in labor saving devices, and many handy tools of home manufacture

are frequently evolved. The illustration represents the necessary implements for sowing vegetable seeds with neatness and dispatch. The flat is of the regulation size we adopt for growing one dozen tomato plants for spring sales. It is the product of the box factory and can be purchased in quantity at a reasonable price. This size of flat provides a suitable medium for sowing all kinds of vegetable seeds, easily transferred from warm to cooler conditions and in case of damping off no great loss is incurred. When sowing the seed the flat is loosely filled with soil to which a good proportion of sand has been added and leveled off with one sweep with the back of the pressboard. The soil is then pressed down one-half inch, as indicated by fit of the pressboard in width to the flat. The level stick is then used. This fits the flat the long way, and makes a drill, the bevel edge being greater than the depth of the pressboard. The seed is sown in these drills, which can be quite close together when the soil is light in texture, covering lightly with soil and repeating the pressing with board.

One of the advantages in sowing all seed at the same depth and in transplanting from rows is that the operator can remove the seedlings much more quickly. We would suggest a trial of this device, the explanation being much more difficult than the experiment.

FRANCIS CANNING.

New York Florists' Club.

The May meeting of the New York Florists' Club was held on Monday evening, May 8, with a fair attendance of members. It was an evening set apart for an exhibition of spring and bedding plants, and a fine display was forthcoming. Awards of merit for culture were given to Smith & Lappie for phlox subulata and candytuft; Jas. H. Henderson, Jersey City, N. J., for hydrangeas; S. C. Schroeder & Son, Bayonne, N. J., for coleus, ageratum, and salvia (Fireball); John Birnie, West Hoboken, N. J., for geraniums and verbenas; H. Baumann, W. Hoboken, N. J., for mignonette and geraniums; Hartman & Wagenjohr, Winfield Junction, N. Y., for cinerarias and polyanthus; John Reichert, Union, N. J., for Crimson Rambler roses; H. C. Steinhoff, West



EASTER WINDOW OF J. W. WOLFSKILL, LOS ANGELES, CAL.

Hoboken, N. J., roses in pots; Chas. Hunt, Port Richmond, N. Y., for polyanthus, geraniums and pansies; Herman Mende, Secaucus, N. J., for geraniums, petunias and ivy; C. Pesenecker & Son, Jersey City, N. J., for pansies, candytuft and fuchsias; John Tschupp & Co., W. Hoboken, N. J., for fuchsias; Aug. Spies, New Springfield, L. I., N. Y., for pansies; Chas. Heinz, W. Hoboken, N. J., for pansies; Fred Englen, W. Hoboken, N. J., for heliotrope and pelargoniums; Geo. Darsley, Jersey City, N. J., for geraniums; Leach Brothers, Jersey City, N. J., for petunias, heliotrope and anemones; F. Weinberg, Woodside, N. Y., for semperviviums, sediums, new echeverias and phyllocactus; F. Dressel, Weehawken, N. J., for kentias, and Peter Yost, W. Hoboken, N. J., for Sempervivium Lenderii. Honorable mention was awarded Aug. Kressinger, of Jersey City, N. J., for nasturtiums; George Fick, W. Hoboken, N. J., for daisies and forget-me-nots; and Wm. Stadtmiller, Jersey City, N. J., for semperviviums, lantanas, and musk. John Birnie also showed a box of pansies as a shocking example of "bad seed."

The proposed amendment to the by-laws, governing the collection of dues by the secretary was adopted.

Gerard Dreyer was elected to membership in the club.

The question box was responsible for some pertinent questions. "What are the essential qualifications of a judge of plants and cut flowers" was answered by Patrick O'Mara, who considered that the familiarity of the judge with the stock on which his judgment was required was an all-important essential. "Are street merchants and peddlers beneficial or detrimental to the florists' business from growers', wholesalers' and retailers' standpoints?" This question was answered by Alfred H. Langjahr in a paper which appears elsewhere in this issue.

John Birnie, W. E. Marshall and L. W. Wheeler also expressed opinions, the consensus of which was that street merchants and peddlers were a necessity in this section. Geo. Darsley, speaking of the plant business at the plant market, said that nine-tenths of the product went to the street peddler, and without him as a factor many would have to close up their greenhouses.

"What is the most valuable plant introduced in the memory of any member of the club?" This question evoked a variety of opinions, many of which were hardly to the point. Geo. Darsley thought the geranium the best, with the carnation next. The Crimson Rambler rose was also prominently put forward.

The Chicago Strike.

By several writers undoubtedly too much stress has been laid on the conditions of the strike in Chicago, and the shipments to and from that market. The streets are not running with blood, and although business in general has been seriously disturbed the florists have been particularly fortunate in comparison to merchants in other lines of business.

Great inconvenience has been suffered, but by giving special attention as to time of arrival of shipments and then calling for them at the depots, sending them out in like manner, nearly all shipments have passed through all right, the majority of dealers making delivery of every order on schedule time.



CHURCH TOWER FUNERAL DESIGN.

(By Frank Mills, Palo Alto, Cal.)

THE RETAIL TRADE

THE message carried once by flowers, but not nowadays, is a lost language, according to a recent writer.

Church Tower Funeral Design.

The illustration herewith shows a floral design prepared for the funeral of the late Mrs. J. L. Stanford by Frank Mills, of the Palo Alto Nursery, Palo Alto, Cal. The design shows the tower of the memorial church at the Stanford University. The size of the base was six feet and height of the design nine feet. It was composed mainly of galax leaves, carnations, roses and cape flowers.

A Vermont Wedding's Floral Features.

H. G. Eyres had a notable wedding at Fairhaven, Vt., May 2. A large bell of Bride roses was suspended from the ceiling of the drawing room directly over the spot where the bridal couple were to stand during the ceremony. The bottom of the bell was closed with four folding doors, to which were attached long satin ribbons. As soon as the bride and groom had taken their positions before the altar and the officiating clergyman was about to pronounce the words of the wedding ceremony, one of the attending flower girls pulled the rib-

bons and the bridal couple were quickly enveloped in a shower of rose petals. This is the first time that a feature of this kind has been introduced into the decorations of a wedding in this section, and the innovation made a very favorable impression. The other decorations on the occasion included a large centerpiece of Bride roses and a lavish use of southern smilax, maidenhair fern and asparagus Sprengeri. R D.

Good Store Window Decoration.

Speaking of store windows, Pennock Brothers, of Philadelphia, Pa., had a very effective store window display recently of a solid bed of growing forget-me-not plants. From the top of the window was a shower of narrow blue ribbons reaching almost to the plants below. Amongst the ribbons were suspended small baskets and hampers filled with forget-me-not plants and flowers, some with ribbons and some without. The whole arrangement was very attractive, and a good advertisement. K.

The Gardenia Fad.

Gardenias, which last year were seen exclusively in the buttonholes of men, are this season the flower especially loved by the fair sex, says a writer on fashions. Three gardenias is the number chosen for wearing. Sometimes they are seen snuggled in the side of

the coiffure, when their waxy whiteness appears most charming, or they are worn in the front of the corsage or carried in the hand. In these latter instances their stems should be left long and as many of their brilliant, glossy leaves allowed to show as possible.

New York.

MARKET UNCHANGED.

There is very little change in the condition of the market to be noted. The influx of produce is large, and the demand for it is considerably less, making a daily clean up somewhat difficult to accomplish. Roses are extremely plentiful and prices are suffering. American Beauty roses are off in quality and hard to move, even with liberal concessions in price. Inside grown bulbous stock is shortening up but there is plenty coming in from outside and prices are fairly well maintained. There is quite a demand for white lilac, and the supply is inadequate. Sweet peas are in great abundance and stocks accumulate, making sacrifice sales a necessity. Lilies are plentiful, but move slowly and do not bring the prices of a week ago. Gladiolus is coming in, in quantities larger than the market will absorb, though the price, \$1 per dozen is fairly settled. Carnations move well and values remain unchanged. Retailers appear to be very conservative in their buying, and business is generally of a hand to mouth character.

The Market, May 10.—The market is very slow to-day, prices tending downward.

NOTES.

At the annual meeting of the stockholders of the New York Cut Flower Exchange, Wm. Amos was re-elected president, there being no other nominations. W. H. Siebrecht was elected first vice-president and Charles Beckmann second vice-president. Wm. C. Duncan was elected treasurer. John Donaldson secretary, and Wm. H. Siebrecht, Chas. Beckmann, John Anderson Leach and David Dean directors. Phil. Kessler, the manager reported that the "left over" sales for five months aggregated \$5,628.

There is a little flutter among Woodside florists just now, owing to negotiations which the Pennsylvania railroad is starting for the acquisition of property. Rumors are afloat that one or two greenhouse properties have been taken, but nothing yet appears on record. F. Kessler, father of Phil. Kessler, of the New York Cut Flower Exchange, has parted with several lots fronting on Jackson avenue.

The Frank Netschert Company, New York, is a newly incorporated concern, with a capitalization of \$25,000 to manufacture artificial flowers and plants. The incorporators are Frank Netschert, Brooklyn; Carl Hahn, Bayonne, N. J.; and Carl Schwarz, New York.

The Fleischman Floral Company has leased a building at the corner of Forty-third street and Fifth avenue, and will open a flower store there.

Louis Dupuy, of Whitestone, L. I., is preparing to leave on a European trip about the middle of the month.

J. K. Allen is receiving some fine sweet peas, among them a new variety named after himself.

Wm. Kasting, Buffalo, N. Y., was a visitor last week.

Chicago.

MARKET SLOW.

The past week has been very unsatisfactory in this market, the strike having had a very visible effect. Receipts have necessarily been smaller than usual, many growers shipping to other points of distribution, but the supply in many instances has exceeded the demand. City buying has also been light, and frequently excellent stock has brought only second grade prices. If there is a shortage of any kind of roses it is of first class Bridesmaid. American Beauty has been moving rather slowly at \$2 to \$3, and there have been ample quantities of Bride, Golden Gate, Kaiserin and Perle at from \$3 to \$8 per dozen. It seems that there was a tendency to overestimate the required quantity of *Lilium longiflorum* and as a consequence nearly every house has had a large supply which has not been moving at all satisfactorily. Sweet peas have been moving nicely at from 50 cents to \$1 per bunch, and marguerites and Shasta daisies have had a moderate sale. There is an abundance of lilac although some orders for white lilac in quantity have not been filled on account of inability to procure it from growers in time. Carnations of good quality generally are plentiful, Lawson, Boston Market, Estelle, Enchantress and Guardian Angel bringing 75 cents to \$1.50. Nice lots of peonies have been received and unless trade soon shows a decided improvement many will be sent to the cold storage houses.

STRIKE NOTES.

Meetings of the wholesale florists' association have been held every day at the office of the Benthey-Coatsworth Company, and the different phases of the strike have been discussed. Dealers will accept packages from the express companies when tendered, but when possible, messengers will call for shipments on arrival. Several dealers have been doing their own hauling and have not been seriously disturbed by the strike. Street rioting has not been so much in evidence the past week, and shipments have been made in and out of Chicago with little difficulty. Consignments have been called for at the depots at time of arrival, and in like manner out-going express has been forwarded.

The bowling tournament, the object of which is to decide upon the personnel of the team which will represent the Florists' Club at Washington next August, was auspiciously begun at Benzinger's alleys, 114 East Monroe street, May 9. Every one in the trade, including ladies, is cordially invited to attend. Further particulars of the games will be found on our pastimes page.

Dennis J. Murphy, until recently foreman of Weiland & Risch, left May 7 for Boston, Mass., his old home. Mr. Murphy and Miss Mary Dalton of West Brookfield, Mass., will be married during the former's stay east. Mr. Murphy expects to return to this city about June 1.

Governor Deneen on May 1 signed the bill giving the south park commissioners an additional tax of 1 mill on each dollar of property in the district for the purpose of constructing small parks, and driveways for connecting those already built or under construction.

D. Wood Brant reports that he has thrown out three 300-foot houses of American Beauty and is replanting

with new stock. He is having heavy cuts of fine carnations with practically no culls or splits.

Kennicott Brothers received an unusually heavy cut of peonies May 9, in several different varieties. Von Bonbach, *Officinalis Rubra*, O. Rosea, Pottsi, Festiva Maxima, Early Rose and Late Rose.

Sinner Brothers report carnation plants in field as looking good. They are remodeling their houses at present, putting in new benches, etc. They are growing chrysanthemums this year.

Poehlmann Brothers have some extra fine Chateaux roses. They have been handling large quantities of Lawson, Boston Market, White Cloud and Higginbotham carnations.

The Fleischman Floral Company has purchased T. D. Mosconesotes' north side store, and William Gormley, formerly with the Ernst Wienhoeber Floral Company, is in charge.

E. H. Hunt has issued an attractive Decoration day circular in red, white and blue, the ribbon in these colors being a prominent feature.

A. H. Budlong has returned from an extended tour of the east, where he devoted a great deal of attention to grafted rose stock.

The new greenhouses of Bassett & Washburn are now glazed, but will not be ready to plant for about two weeks.

The firm of J. G. Lambros & Company have dissolved partnership, J. J. Manu-sos having assumed full control.

George Hunt of Terre Haute, Ind., has been in Chicago for the past four or five days doctoring his eyes.

M. F. Freres has opened a new flower store at 1122 Bryn Mawr avenue.

Kennicott Brothers are showing some extra fine jars of Parrott tulips.

Jos. M. Smely, of Aurora, was in the market on Monday of this week.

E. G. Egglings, of St. Louis, was a visitor last week.

H. P. Hansen of Elgin spent Monday in the city.

Philadelphia.

THE MARKET.

Not much of an encouraging nature can be said of the business in the stores the past week, for with the exception of a few weddings, there was not much demand for cut flowers. Roses and carnations, particularly the former, were to be seen in great abundance, and the peddlers along Market street who it seems have been again given the privileges of the curb are displaying immense stocks which are offered at very low rates, carnations selling at 10 and 12 cents per dozen. Lilacs have been in the past week, and quantities have been sold on the streets, many of the "glass case" men discarding all other flowers for the nonce, the lilacs seemed to sell so readily. Sweet peas are now moving about as well as any other flower, and some very fine flowers are to be seen.

Outside blossoms are also popular, and quantities of apple and dogwood sprays are seen in all the store windows. The Century Shop seems headquarters for these tree flowers, and hustling John MacIntyre sees that nobody's stock runs low.

LEARN THE BUSINESS, MR. RETAILER.

The retail florists are learning all the time, and now they have another chance to gather wisdom. "Phil," the philoso-

pher who sent poetic and other effusions to what he is pleased to call the leading journal of "its kind," tells the retail trade how to sell their plants at Easter. The plan is this: Make a display of the kinds of plants they expect to push and handle in large quantities, in the various department stores. Their customers seeing them there, will go at once to their regular florist and order what they most fancy. To prove this, "Phil" says the sale of azaleas the past Easter fell off considerably with the retail florists because they were not on sale in the department stores. Where did "Phil" get his information about the waning popularity of the azaleas? As a matter of fact, Messrs. Craig, Harris and Graham, who had the largest stocks of azaleas in the city, sold out almost to a plant, in fact, they were never before cleaned so thoroughly out of azaleas.

Still this suggestion of "Phil's" may be worth considering, and it behooves the grower or retailer who has anything new to offer next year to see that it gets into the department store displays, so that their customers can, after seeing it there, "come at once to them" and make their purchases.

NOTES AND COMMENTS.

Lit Brothers, the large department store concern, have a regular plant department which is kept up all the year through, and are now offering small roses, shaken from 2-inch pots and wrapped up with moss, five together, for 25 cents each bundle, or 5 cents per plant. At the counter where they were sold customers were, as a rule, three or four deep, and one had to wait or work for quite a while to get to the stock. The five for a quarter seemed to catch the crowds. The stock was the usual mailing size catalogue stock, sold cheap probably to close out.

The bedding plant men are now working overtime to get out their orders, and report business excellent. The efforts of the City Parks Association to induce citizens in the central residence districts to display window boxes has created quite a demand. Hundreds of new ones are being filled and put up.

Godfrey Aschmann received his first shipment of *Araucaria excelsa* May 1 and has other shipments on the way.

K.

Baltimore.

BUSINESS LIVELY.

Following the weddings which came after Easter are the religious festivals and processions which take a good many of the cheaper grades of flowers, and the commencement season, which has begun earlier than usual this year and creates quite a demand for bunches of all varieties, sizes and prices. Then we have the hospital demands, which are quite a factor in the cut flower trade here, and many social functions to which flowers are as necessary now-a-days as sunlight to day. This city is a center of schools and hospitals, and to these institutions which are of world-wide reputation come students and patients from every country on the globe to whom go a steady stream of floral offerings testifying to the love and remembrance, sympathy and fond hope of friends far and near. The last week saw, too, a more than usual demand for theatre purposes of good flowers, an opera in which some local favorite took part being on the boards of one of our houses.

Yet the sum of all these demands hardly exhausted the daily supplies of cut blooms, which are now about at the height of their abundance. Some were left over each evening and on Saturday night a good deal of pressure was required to clean out stocks.

Outdoor stock is in great profusion, and yesterday, being the first Sunday in May, tens of thousands of city visitors scoured the fields and lanes and woods for wild flowers, and in many instances were not scrupulous in appropriating the lilacs and other blooms of hardy shrubs reachable on private places.

The quality of shipments generally is fairly maintained, and so far not many marks of mildew are to be seen on the roses. American Beauty is in heavy supply, and prices all around, naturally, are declining. Carnations, generally, are going off in quality with selling figures corresponding.

NOTES.

John Cook is building a new house, 24x116 feet, on stone foundation walls, for the stock of his new white rose Virgin. This, he expects, to excel all his previous productions. It is of purest white and many blooms are larger than American Beauty. It creates quite a sensation when baskets or bunches of it are shown in the windows of his Charles street store.

Mrs. Perry, wife of John J. Perry, manager of the Florists' Exchange of this city, is critically ill.

S. B.

Washington.

A BUSY WEEK.

The past week has been prolific of high-class entertainments, and consequently high-class decorations. The presence in the city of nearly 1,000 of the leading railroad men of the world as delegates and visitors to the international railroad congress, in session here, has brought entertaining very near to the mark which it reached when the season was in its prime. Leading railroad men of this country, both residents and visitors, have seemed to vie with each other in their hospitality to the visitors from foreign lands. All this has kept the decorators busy, though it cannot be said to have made great inroads on the immense quantity of stock that is in sight. With almost unseasonable warm weather to force roses and carnations into bloom: with the woods, fields and gardens resplendent with dogwood, snowballs, spirea and other blooming shrubs, the decorators have had abundant material from which to choose. Store trade was rather dull during the first part of the week, but braced up toward the last, and April 6 was a good day. Bedding and window box plants are now moving more freely.

FLORISTS' CLUB MEETING.

The regular monthly meeting of the Florists' Club was held on the night of May 2, there being a large attendance. Mr. Flitton, of the Baltimore club, was present with a request that Baltimore be given an opportunity to entertain the delegates to the S. A. F. convention for a day. As the programme for the entertainment of delegates has not yet been prepared, the matter was referred to the entertainment committee, and a vote of thanks tendered the Baltimore club for its good offer in the matter.

Fred H. Kramer offered \$50 for the

promotion of the bowling tournament, the character of the prize to be determined by the bowling committee. Henry F. Michell & Company, of Philadelphia, Pa., have, unsolicited, offered \$40 for the same purpose.

NOTES.

On the night of May 6, O. A. C. Oehmler, decorator at Gude's, went down to the front door of his residence, 1332 T street, N. W., to lock it before retiring. As he put his hand on the key he was dealt a murderous blow from behind, which knocked him senseless, in which condition he remained for a quarter of an hour. It is supposed that the act was committed by a burglar, who saw a possible chance of his detection and arrest. Mr. Oehmler's head was not cut, and from this, considering the force of the blow, it is inferred that a sandbag was the weapon used. Though the hurt and shock were considerable, it is hoped that no serious results will follow. Neighbors saw the man emerge from the house, but nothing was thought of it at the time, and he escaped.

The window box idea has taken firm hold here, and among its most notable exponents are the managers of the leading hotels. The Twelfth street side of the Raleigh is a veritable summer garden. Window boxes filled with hydrangeas, English ivy and other flowering plants are numerous, with a collection of bays and hemlocks in tubs. Both the New Willard and the Shoreham have numerous handsome boxes in their windows, hydrangeas and English ivy being now the features.

One of the noteworthy affairs of the week was a reception on May 5 to the railroad men by President Spencer, of the Southern railroad, and Mrs. Spencer, at their fine home, which was made a bower of bloom with dogwood, spirea, snowball and other plants and cut flowers by the skillful decorators of A. Gude & Brother. This firm has also a great number of palms and other decorative plants in the buildings in Monument park, where the exposition of modern railroad appliances is being held.

Mrs. Stuyvesant Fish is setting the pace in high-class entertainments. It is asserted that the decorations for her recent entertainments were never excelled in this city. On the night of May 8 she gave another dinner, the decorations being tall baskets overflowing with choice flowers and trailing vines. All the work for the series of brilliant entertainments at the Fish mansion is being executed by George H. Cooke.

J. H. Small & Sons had the decoration for a large dinner at the Raleigh in honor of the visiting delegates. The tables were abloom with American Beauty roses and other choice flowers and dogwood was profusely arranged about the banquet hall.

Z. D. Blackstone, whose store was headquarters for the Killamey rose during the season, is making arrangements to place before his customers the most complete stock of this beautiful rose that can be found in a retail store.

George Shaffer has a window decoration depicting a rural scene—a miniature lake with wild flowers all along the banks.

S. E.

MASON CITY, IA.—The Keith greenhouses were recently destroyed by fire, the loss being \$1,500.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted only from those in the trade.

Advertisements, on all except cover pages, 10 Cents a Line, Agate; \$1.00 per inch. Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive insertions, as follows—6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent.

Space on front pages and back cover page sold only on yearly contract at \$1.00 per inch, net.

The advertising Department of the AMERICAN FLORIST is for florists, seedsmen and nurserymen and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Monday to secure insertion in the issue of the same week. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send the old address at the same time.

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Society of American Florists

The annual convention of the Society of American Florists will be held at Washington, D. C., August 15, 16, 17 and 18.

HAVE everything in readiness for rush work on Memorial day.

CLEAN the houses thoroughly, including benches, before replanting.

It is a mistake to tell customers that plants are hardy when there is any doubt in the matter.

IN planting beds and cemetery lots of customers, do the work well and water the plants carefully.

SMALL orders should not be overlooked or slighted because one is crowded with business. If the work can not be done properly and on time tell the customer the facts.

We are advised by our San Francisco correspondent that the board of health of that city recently voted to give warning to the public that dyed carnations are colored by the use of poisonous matter and to send notice to that effect to the various florists.

American Peony Society.

J. B. Deamud, manager of the exhibition of the American Peony Society, to be held at the Auditorium June 16-17, announces that arrangements are progressing very satisfactorily and a good show is assured.

Society of American Florists.

Growers of and dealers in American grown bulbs are notified that the usual accommodations will be extended to them free of charge for the display of American grown bulbs at the convention to be held in Washington, D. C., August 15-18, 1905.

WM. J. STEWART, Sec'y.

Examination for Horticulturist.

The New York state civil service commission, Albany, N. Y., will soon hold a competitive examination for horticulturist of the state horticultural station at Geneva. The position carries a salary of \$2,000, with increase to \$2,500 at end of one year, and is open to non-residents as well as residents of the state.

Personal.

Professor Willis L. Jepson, of the botanical department of the University of California, will spend a year in travel in Europe and the tropics gathering material for the botanical museum at Berkeley.

Francis T. F. Lovejoy, a Pittsburg millionaire, will build a \$1,000,000 home at Colorado Springs.

Meetings Next Week.

Boston, Mass., Gardeners' and Florists' Club of Boston, Horticultural Hall, Tuesday, May 16.

Detroit, Mich.—Detroit Florists' Club, Cowie building, Gratiot and Farran avenue, Wednesday, May 17, at 8 p. m.

Hamilton, Ont.—Hamilton Gardeners' and Florists' Club, office of member, Tuesday, May 16, at 8 p. m.

Lake Geneva, Wis.—The Lake Geneva Gardeners' and Foremen's Association, rooms of the Lake Geneva News, Saturday, May 20, at 8 p. m.

Manchester, Mass.—North Shore Horticultural Society, Friday, May 19.

Montreal, Que.—Montreal Gardeners' and Florists' Club, Alexandria rooms, 2204 St. Catherine street, Monday, May 15.

New Haven, Conn.—New Haven County Horticultural Society, Tuesday, May 16.

New London, Conn.—Eastern Connecticut Horticultural Society, greenhouses of Secretary H. H. Appeldorn, Tuesday, May 16.

Newport, R. I.—Newport Horticultural Society, Wednesday, May 17.

Richmond, Ind.—Richmond Florists' Club, greenhouses of member, Monday, May 15.

San Francisco, Cal.—Pacific Coast Horticultural Society, Saturday, May 20.

St. Louis, Mo.—Plant and Cut Flow-

er Growers' Association, Wednesday, May 17, at 3 p. m.

Toronto, Ont.—Toronto Gardeners' and Florists' Association, St. George's Hall, Elm street, Tuesday, May 16, at 8 p. m.

Newport, R. I.

ACTIVE MARKET.

Our florists all report things as picking up in their line, in fact the past week quite a number of the summer people have arrived and it will not be long now before the best season we have in the year will be well under way.

HORTICULTURAL SOCIETY MEETING.

The Newport Horticultural Society held its regular first meeting of the month May 3. President Sullivan was unavoidably absent, and Vice-President McLellan took the chair. Many matters of much importance were brought up, and the various committees on the summer exhibitions all reported good progress. Many special prizes have been offered by interested persons, including a purse of \$25 by Alfred G. Vanderbilt for the best group of palms and foliage plants, arranged for effect, to cover a space of 100 square feet. M. B. Faxon has offered \$10 in three prizes for the best display of asters, and Frederick P. Garretson gives three prizes of \$5, \$3 and \$2 for the best collections of native wild flowers brought in by the school children. Robert Patterson, who was appointed at the last meeting to represent the society before the State Rural Progress Committee, finding it impossible to serve, Vice-President Alexander McLellan was elected in his place. Miss Alice Keteltas' prize of a silver cup to be awarded at the rose and strawberry show in June for the best design of plants for a gateway, has created much enthusiasm, and the competition for this honor will no doubt be very spirited. M. B. Faxon made a very fine display of his White House pansies, and was awarded a first-class certificate of merit.

Arthur Zirkman, representing M. Rice & Company, of Philadelphia, Pa., was a visitor, and reports orders for florists' supplies coming in very well for this season of the year.

Our friend, S. D. Clapp, Jr., was with us once again for the first time since his long illness. He was very welcome, and secured several good orders in his line. Mr. Clapp is with Leggett & Brother, of New York. X.

OBITUARY.

Jacob Aldinger.

Jacob Aldinger, of Dayton, O., died May 1, at the home of John E. Stahl, 320 Henry street, aged sixty-nine years. He was a resident of that city for more than forty years and was known as one of the pioneer florists of that vicinity.

Thomas Capers.

Thomas Capers, a well known florist of Newburyport, Mass., died at the hospital in this city from the effects of an operation. He was sixty-seven years of age and was a native of England. He was a resident here for more than thirty years and for nearly that period was in the employ of the Wheelright family as florist and gardener.

Benjamin Gingrich.

Benjamin Gingrich, of the South Bend Floral Company, South Bend, Ind., died very suddenly, May 2, of dropsy, aged sixty-two years. His health had been failing for over three years, but his condition did not become acute until a week previous to his death. Mr. Gingrich was born April 2, 1843, near Hamburg, Ont., and located in South Bend in 1865. In 1872 he embarked in the furniture business, which he carried on successfully until 1887, since which time he was building contractor until 1901, when he organized the South Bend Floral Company of which he was president at the time of his death. Besides his wife he leaves two sons.

James Rough.

James Rough, a well known Boston florist, died on May 2 after a brief illness of ten days. His death was due primarily to an attack of pneumonia. Mr. Rough was born in Glasgow, Scotland, about fifty-seven years ago. When about twenty-five years old he came to this country and was first employed by the late C. M. Atkinson, then head gardener for Mrs. John L. Gardner. After remaining in her employ for a year, he left to enter the employ of Alexander Greenlaw, a Washington street florist, where he remained for five years, leaving to go into business for himself. His first store was on Washington street near West Newton street, from which he moved about four years ago to the present store at the corner of Huntington and Massachusetts avenues. He had built up a lucrative local business and was well known to all the growers of this vicinity. He leaves two daughters and one son, the latter being the manager of the Music Hall Flower Market.
H. P. S.

SITUATIONS, WANTS, FOR SALE.**One Cent Per Word.**

Cash with Adv.

Plant Advs. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1905 is entitled to a five-line WANT ADV. (situations only) free to be used at any time during the year.

Situation Wanted—As foreman or manager of a small nursery. Give full particulars in first letter. The northwest preferred. Address
Box 315, care American Florist.

Situation Wanted—Either as rose grower or rose grower and general man. Long experience; married. Good wages expected. Address
Box 312, care American Florist.

Situation Wanted—As gardener; German, married, one child; 16 years' experience. All references. Private place preferred. Address
Box 309, care American Florist.

Situation Wanted—By orchid grower, propagator and fancy plant grower; private or commercial. Ability and references A1. Address
No. 24, care Julius Roehrs, Rutherford, N. J.

Situation Wanted—By a Hollander, age 28, single; capable of taking care of small commercial place; experienced in the general line of pot plants and carnations. State wages. Address
Box 306, care American Florist.

Situation Wanted—Either traveling for a supply house, manager of a retail store or designer and decorator in a store. I am thirty one; do not drink, and have been in the business all my life.
Box 313, care American Florist.

Situation Wanted—By Hollander (engaged) representing European firms in bulbs, seeds, nursery stock, etc.; wants position with American firm. References given. Letters stating full particulars.
Box 307, care American Florist.

Situation Wanted—By middle-aged German gardener and florist; 29 years' experience in all branches; in private place near Chicago, or as foreman of commercial place. First-class references. State full particulars, with salary. Please address
Box 308, care American Florist.

Situation Wanted—By a German, as manager in large florist establishment; 40 years' of age; 21 years' practical experience in all branches of greenhouses and store; would be willing to purchase interest in good established business. Address
Box 214, care American Florist.

Situation Wanted—By good all-around florist, single German, 30 years of age; life experience in roses, carnations and general stock; fully competent to take charge of medium sized place. At liberty May 15th. State wages and particulars in first letter. Box 466, Washington C. H., O.

Situation Wanted—As head gardener or working foreman; German; 16 years' experience; first-class grower of carnations, roses, 'mums', and general stock; understanding decoration and funeral work; honest, sober and good worker; first-class references; state wages. Address
F. H. WILL, 66 Palmer Ave., Chicago, Ill.

Help Wanted—A tence, a competent all-around greenhouse man. Address
E. M. HOLT & Co., Butler, Pa.

Help Wanted—Good grower to take charge of small place at once. Address
Box 310, care American Florist.

Help Wanted—An all around man, German preferred. State wages wanted without board.
O. R. DENMLER, Eau Claire, Wis.

Help Wanted—Catalogue man, who is familiar with the "get-up" of a seed, plant and bulb catalogue. LIVINGSTON SEED Co., Columbus, O.

Help Wanted—Young man for general greenhouse work. State wages, age and experience. Address
GASKILL'S GREENHOUSE, 212 N. Tod Ave., Warren, O.

Wanted to Rent—In good condition three or four small greenhouses, with chance of buying; reasonable rent. Address
FLORIER, 47 Miami Ave., Detroit, Mich.

Help Wanted—Greenhouse fireman who thoroughly understands steam boilers. A permanent position; wages \$12.00 per week. References.
M. BLOF, Essex Greenhouses, North Olmstead, O.

Help Wanted—A sober and industrious single man who understands how to grow good roses and carnations. State wages expected with board and room. Address
Box 304, care American Florist.

Help Wanted—Florist to grow cut flowers and pot plants; to take charge of 6,000 feet of glass. Answer with reference, description and wages expected with board etc. Address
Box 311, care American Florist.

An Opening—For greenhouse and nurseryman combined at Alexandria, Minn. Address
W. K. BARNES, Alexandria, Minn.

For Sale—Coil boiler, 25 pipes, 4 ft. long, 1 1/4-inch, at \$15.00. Address
C. WINTERICH, Defiance, O.

For Sale—A good business, in a fine town. Doesn't require a fortune. Investigate. Address
Box 221, care American Florist.

For Sale—Retail flower store; reasonable. Reason for selling, party going west. Address
Box 314, care American Florist.

For Sale—4-inch cast iron pipe at 60 per foot. One Kroeschell boiler, extra large size, cost over \$500 for \$150. Address
HELLER BROS., New Castle, Ind.

For Sale—Greenhouses of between 6,000 and 7,000 square feet of glass and double house. In fine locality. On trolley line. For particulars address
MRS. M. A. HILL, Ansonia, Conn.

For Sale—Two tubular horizontal boilers 60 inch diameter, 22 feet long with 18 6-inch flues. Safety valves, manheads, bolts, etc., complete. \$125 each. Address
PROVIDENT CHEMICAL WORKS, St. Louis, Mo.

For Sale—Owing to the death of the proprietor, the greenhouses and stock of the Lake Geneva Floral Co., established in 1890 are offered for sale. A good opening for a practical man.
W. H. HAMMERSLEY, Lake Geneva, Wis.

For Sale—A good florist business in a western city of 60,000 can be purchased at a great sacrifice. Well established trade and prospects for future bright. Is worth \$1,700, but will dispose of business for \$700 cash. Ill health cause of disposition of business. Box 217, care American Florist.

For Sale—Greenhouse plant of about 30,000 feet of glass; also ten acres of land; good 6 room dwelling and barn. Will sell reasonable or rent to responsible party. Our city has 50,000 inhabitants and no roses are grown here to speak of. Reason for selling, owner wants to retire. Do not answer this ad unless you mean business. For particulars. Box 212, care American Florist.

For Sale—In a city of 5,000 inhabitants, an old established greenhouse plant of about 30,000 feet of glass devoted to cut flowers and bedding plants, mostly wholesale; also ten acres of land, six room dwelling and barn; all built six years ago. First-class market for roses; there are none grown here to speak of. Reason for selling, want to retire from business. For particulars, address
E. J. BOLANZ, Akron, O.

For Sale—Old age compels me to quit business. I offer my two greenhouses well stocked, No. 17 Hitchings boiler, pipes, house of seven rooms, lot, bothe, sash, etc., for sale cheap. City of 3,000 inhabitants, sixty-five miles from Chicago. Shipping facilities in all directions. Splendid location for a hustler, with no greenhouse inside of twenty-eight miles. Will sell greenhouses alone if desired. Correspondence solicited.
CHARLES FAUST, HARVARD, Ill.

For Rent—At Frederick, Md., greenhouses 18x63, 12x102, 20x162, boiler room 18x60, equipped with No. 8 Furman boiler, and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure, labor cheap, city water; no stock on hand. Rent \$300 per annum, half payable in advance every six months. Ill health of owner compelled retirement from successful business; principally vegetables under glass and mushrooms for Washington and New York.
HENRY TRAIL, Frederick, Md.

For Sale—Our entire plant, 10 greenhouses, about 25,000 ft. glass, nearly all 16x24 inches in size, and double thick. Iron and cedar posts, cypress bars; business established over 30 years, but entirely rebuilt in last 10 years; heating, hot water under pressure. A large percentage of income is from cut flowers and floral work; entire products sold retail. Receipts all right, books open. Terms easy. We are only 20 miles from Massachusetts state line, with some of N. H. fine summer resorts near us. Address
ELLIS BROS., Keene, N. H.

FOR SALE...

A valuable greenhouse property consisting of four houses, 6x40, 26x162, 26x102, 50x100; all heated with hot water. These houses are all of iron frame construction of the most modern pattern, and in finest of condition. All stocked with fancy carnations of best selling varieties. Only two hours from New York City and splendid shipping facilities at all times. These houses with land will be sold at a reasonable figure and on easy terms. A good chance for a wide awake man with brains, energy and some ready money. Don't bother with this unless you mean business.

XY Z, care Am. Florist, 429 6th Ave., New York.

FOR SALE About 50,000 feet of glass nearly all devoted to carnations, one house of roses and one of asparagus plumosus; houses in splendid condition; two built last summer, 72-inch by 16 ft. boiler heats the place with ease; another large boiler in reserve. Michigan's great coal field but a short distance furnishes coal at a very low price. A splendid wholesale and retail trade well established; one of the best shipping points in Michigan, reaching with ease and comparatively short time, Chicago, Milwaukee, Buffalo, Detroit, the Saginaw valley and all points east, west, north or south. Splendid trade in field-grown carnation plants as well as rooted cuttings. Stock in fine condition. Soil and climate just suited to growing carnations—both quantity and quality. Splendid water privilege for field and houses. An exceptional chance for some one to step into a well established business. Will also sell or rent a large or medium sized house. For further particulars, address
Box 228, care American Florist.

For Sale

The florist plant and business of the late Edward H. Howland, Holyoke, Mass. This plant consists of 31,860 square feet of land in the center of the city, with a complete and modern greenhouse equipment. The business is a wholesale and retail business and is the leading establishment in a city of 50,000 people. For particulars apply to

N. B. AVERY, Administrator,

24 Dwight Street, HOLYOKE, MASS.

SOMETHING NEW.

NOW that the season for Wild Smilax is over and no more stock can be supplied, I wish to call your attention to the Branches of the **Huckleberry Tree** as a most elegant Decorative Green.

It is largely used by the Florists of the Pacific Coast, Washington and Oregon, in Decorations. The Branches are **FLAT**, very thickly furnished with exceedingly lustrous, green leaves and it seems to adapt itself to almost any position in decoration that the Wild Smilax can be used in.

As the introducer of Southern Wild Smilax, I think you can give me credit for knowing a good thing when I see it, and I am convinced that in Huckleberry Branches you will have a very beautiful substitute for the Wild Smilax, of great value to you through the months of May and June.

I am anxious to get the Verdict of the Floral Trade on this introduction and offer to send you a Case on Suspicion, price \$2.50 per Case if it suits you, nothing if it does not. Will you try a case on these terms?

Yours very truly

Caldwell The Woodsman,
EVERGREEN, ALABAMA.



CALDWELL THE WOODSMAN.
The Man Who Gave You the Wild Smilax.

New Crop Hardy Ferns Now Ready FANCY...\$1.25 per 1000
DAGGER 1.00 per 1000

Please mention the American Florist when writing.

H. M. ROBINSON & CO.

Hardy DAGGER FERNS, \$1.50 and \$2.00 per 1000.

BRONZE and GREEN GALAX, \$1.50 per 1000.

BOUQUET GREEN, \$7.00 per 100 pounds.

Sphagnum Moss, Laurel Festooning and Leucothoe Sprays.



MEMORIAL DAY



FLORISTS' SUPPLIES OF ALL KINDS

Such as Milkweeds, Cape Flowers, Immortelles, Cycas Leaves, Ribbons, Cut Wire and Wire Designs, and all kinds of Letters.

ORDER EARLY. Owing to the late Spring the supply of FERNS will be Limited.

8 and 11 Province St., BOSTON, MASS.

Decoration Day Goods **ADVERTISE THEM NOW.**

Avoid Disappointment.

We make it a rule never to disappoint customers. No matter what you want we have it or know where we can get it. Our immense output enables us to grow flowers in quantities and varieties which smaller houses could not afford to take chances on.

Remember: In reason or out of reason; in season or out of season, you stand a better chance of getting your wants supplied here than anywhere else.

Weiland & Risch,

Leading Western Growers and Shippers of Cut Flowers.

59 Wabash Ave., CHICAGO.

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Virginian Grown Bulbs For Forcing.
NARCISSUS and DAFFODILS.

—Send for Catalogue.—

POAT BROS., Ettrick, Va.
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CORK BARK

For Window Boxes. Flat or Cylindrical.

BIRCH BARK in large sheets.

CLARE & SCHARRATH 170 E. Madison St.
CHICAGO.
Mrs. Prepared Palms and Artificial Flowers.

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THE Regan Printing House
—Large runs of—
CATALOGUES

Our Specialty. Write for Figures.

83-91 Plymouth Place, CHICAGO.

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Asparagus Plumosus,

60 CENTS PER STRING.

Carnation Blooms and Rooted Cuttings.
Good stock.

W. H. WATSON, Lapeer, Mich.

Please mention the American Florist when writing.



Pansies

Giant flowering, extra large wintered over plants in full bloom, per 100, \$2.50

Per 100

Asp. Plumosus, strong, 2 1/2-in. 5.00
Chrysanthemums, in variety, 3.00
Coles, mixed, 2.50

Daisies, Marguerite, white and yellow, 4-in. 10.00

2 1/2-in. 4.00

Fuchsias, E. G. Hill, Phenomenal, 4.00

Mixed, 3.00

Sunray, per doz., \$1.00.

Geraniums, standard varieties, 4-in. 10.00

Mme. Sallerol, 2-in. 4.00

Hollyhocks, double, separate colors, 12.00

Allegheny mixed, 12.00

Salvias, St. Louis and Clara Bedman, 2 in. 4.00

Mrs. C. N. Page, 2-in. 6.00

—CASH WITH ORDER.—

I. N. KRAMER & SON, Cedar Rapids, Ia.
Please mention the American Florist when writing.

For Attractive Prices

ON THE FOLLOWING:

ASPARAGUS PLUMOSUS,
ASPARAGUS SPRENGERI,
KAISERIN ROSES,

See Advertisement on page 759.

SAMUEL J. BUNTING Elmwood Ave. & 58th St., PHILADELPHIA, PA.

N. Lecakes & Co.

53 W. 28th St., New York.



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Madison Square

Stands at Cut Flower Exchange Coogan Bldg., W. 28th Street & 34th Street Cut Flower



Market. Specialties: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

Green and Bronze Galax Leaves, \$1.00 per 1000.

National Florists' Board of Trade,

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Credit Reference Book. A subscription to our Credit List will cost you \$10 a year, and it may save you \$100 the first month. Special Reports. We make a specialty of this part of our work. Collections. We collect slow and doubtful accounts. Why not go through your books at once and send us all the claims that are in arrears?

George Cotsonas & Co.

Wholesale and Retail Dealers in all kinds of



Evergreens.

Fancy and Dagger Ferns, Bronze and Green Galax. Phone 1202 Mad. Sq.



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THE KERVAN COMPANY,

WHOLESALE DEALERS.

All Decorating Evergreens, Galax, Leucothoe, Mosses, Etc.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON Sq.

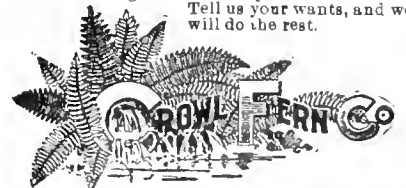
TO BUY OR SELL

Advertise in THE AMERICAN FLORIST.

New Crop DAGGER FERNS, \$1.50 per 1000. They are the finest and largest ferns ever sold. Fancy Ferns, \$1.50 per 1000.

Bouquet Green, \$7.00 per 100 lbs. Bouquet Green Wreaths and Laurel Wreaths, all sizes and prices. Laurel Festooning, extra fine and full, 4c, 5c and 6c per yard, and made fresh daily from the woods. Send for sample of our laurel wreaths for Memorial use. Send us your orders for Memorial Day now, and you will get the best to be had, and at rock-bottom prices. Satisfaction guaranteed. No matter how large or small the order, it will be filled promptly and with the best and freshest stock right from the woods. Telephone and telegraph orders will receive prompt attention. Long distance telephone connection.

Tell us your wants, and we will do the rest.



Tel. Office, New Salem, Mass. Millington, Mass.

THE ART OF

Floral.... Arrangement.

The first special newspaper in the world for floral arrangement.

250 ILLUSTRATIONS ANNUALLY.

Specimen number free. Subscription, \$2.40 yearly.

BINDEKUNST-VERLAG, J. Oibertz, ERFURT, GERMANY.

Always mention the American Florist when you order stock.

New Crop Cut Fancy and Dagger Ferns READY MAY 1. Prices: Fancy, \$1.25 per 1000; Dagger, \$1.00 per 1000. Special quantity quotations on application.

BOOK NOW AND BE SURE OF A SUPPLY.
CROP SHORT THIS SEASON.

E. A. BEAVEN, - - Evergreen, Ala.

E. H. Hunt,
WHOLESALE
Cut Flowers

"THE OLD RELIABLE."

76 Wabash Ave.,CHICAGO.

Wholesale Flower Markets

MILWAUKEE, May 10.

Roses, Beauty, long, per doz.	3.00@4.00
" " med.	2.00
" " short	1.00
" Liberty	4.00@ 8.00
" Chatenay	4.00@ 8.00
" Bride, Bridesmaid	3.00@ 6.00
" Meteor, Golden Gate	3.00@ 6.00
" Perle	2.00@ 5.00
Carnations	1.00@ 3.00
Smilax	15.00
Asparagus sprays	2.00
Valley	3.00
Adiantum	1.50
Violets	.50
Callas	8.00@10.00
Romans, Paper Whites	2.00@ 3.00
Harrisii	6.00@10.00
Tulips, Daffodils	2.00@ 3.00
Peonies	4.00@ 5.00

PITTSBURG, May 10.

Roses, Beauty, specials	20.00@25.00
" " extras	12.00@ 18.00
" " No. 1	4.00@ 8.00
" " ordinary	1.00@ 3.00
" Bride, Bridesmaid	2.00@ 8.00
" Meteor	6.00@ 8.00
" Liberties	8.00@15.00
" Perle, Chatenay	2.00@ 6.00
Carnations	1.00@ 2.00
Lily of the valley	3.00@ 4.00
Smilax	12.50@15.00
Asparagus, strings	25.00@50.00
Asparagus Sprengerii	2.00@ 3.00
Lilies	3.00@ 8.00
Adiantum	1.00@ 1.50
Nigronette	1.00@ 3.00
Sweet Peas	.50@ 1.00

CINCINNATI, May 10.

Roses, Beauty, per doz.	1.00@ 4.00
" Bride, Bridesmaid	4.00@ 8.00
" Liberty	6.00@10.00
" Meteor, Golden Gate	6.00@10.00
Carnations	1.50@ 3.00
Lily of the valley	3.00@ 4.00
Asparagus	50.00
Smilax	8.00@10.00
Adiantum	1.00@ 1.50
Callas	8.00@10.00
Asparagus Plumosus and Sprengerii	
In bunches	.35c per bunch
Harrisii	12.50@15.00
Narcissus	3.00
Marguerites	.35
Daffodils	3.00@ 4.00

St. Louis, May 10.

Roses, Beauty, long stem	2.00@ 3.00
" " medium stem	1.00@ 1.50
" " short stem	.35@ .75
" Bride, Bridesmaid	3.00@ 6.00
" Liberty	3.00@ 6.00
Carnations	1.00@ 3.00
Smilax	15.00
Asparagus Sprengerii	1.50@ 3.00
" Plumosus	25.00@50.00
Ferns, fancy	per 1000, 2.50
Adiantum	1.00@ 1.25
Lily of the valley	1.00@ 2.00
Callas	6.00@10.00
Easter lilies	6.00@10.00

CLEVELAND, May 10.

Roses, Beauty, per doz.	.50@ 3.00
" Bride, Bridesmaid	3.00@ 8.00
" Meteor	4.00@10.00
Carnations	1.50@ 4.00
Smilax	20.00
Asparagus, strings	25.00@50.00
" Sprengerii	1.00@ 2.00
Common ferns	2.50
Violets, single	.35@ .75
" double	.50@ 1.00
Tulips	3.00@ 4.00
Sweet peas	.50@ 1.00

DEAMUD Has
**WILD SMILAX,
FANCY FERNS,**
ROSES, CARNATIONS, VALLEY, and everything seasonable in quantity.
Send your orders to me.
J. B. DEAMUD, 51 Wabash Avenue,
CHICAGO.

HOLTON & HUNKEL CO.,
Wholesale Cut Flowers
462 Milwaukee Street, MILWAUKEE, WIS.

CHAS. CHADWICK,
COR. FULTON & LAGRAVE,
Grand Rapids, Mich.
WHOLESALE and RETAIL FLORIST.
High-Grade Cut Blooms.
Carnations, Roses, 'Mums, Violets, Etc.
Choice American Beauties a Specialty.
Artistic Designs on Short Notice.
Good Shipping Facilities to all Michigan Points.
— A TRIAL ORDER SOLICITED.—
Please mention the American Florist when writing.

AMERICAN BEAUTIES.
Cut Roses—American Beauties and all kinds of Tea Roses at lowest prices. Trial orders solicited.
HELLER BROS., New Castle, Ind.
South Park Floral Company
— FANCY —
CARNATIONS and ROSES
Pittsburg's Largest and Oldest Wholesalers.
PITTSBURG CUT FLOWER CO., Ltd.
504 Liberty Ave., PITTSBURG, PA.

Vaughan & Sperry,
Wholesale Florists,
58 and 60 Wabash Ave., CHICAGO.
WRITE FOR SPECIAL PRICES.
— BUY YOUR —
Cut Flowers, Florists' Supplies,
WIRE DESIGNS at
THE FLOWER GROWERS' MARKET,
60 Wabash Ave., CHICAGO
Please mention the American Florist when writing

Don't Run any Risk in having your orders delayed on account of the Chicago Teamsters' Strike.
No Strike at Cincinnati, O. and plenty of Stock.
Send in your orders and they shall be filled promptly. All flowers sold at prevailing market prices.

Peter Weiland,
128 East Third Street,
CINCINNATI, O.
Or NEW CASTLE, IND.

Japanese Fern Balls
7-9 inch size.
Write for price.
VAUGHAN'S SEED STORE,
84-86 Randolph St., CHICAGO. 14 Barclay St., NEW YORK.

MILLS THE FLORIST,
36 W. Forsyth Street,
JACKSONVILLE, FLA.
It is good business policy to mention
The...
AMERICAN FLORIST
When you write to an advertiser.



WE CARRY THE MOST COMPLETE LINE OF FLORISTS' SUPPLIES in the WEST

ILLUSTRATED CATALOGUE FREE.

A DAILY SHIPMENT FROM 40 TO 60

GROWERS IMPORTANT.

Notwithstanding strike troubles (which by the way, have been grossly exaggerated by certain newspapers)

WE ARE DOING BUSINESS AT THE OLD STAND

and you can depend on getting stock on time. Write, Telephone or Telegraph

CONSIGNMENTS

We have thus far had practically no trouble in obtaining shipments from depots within a short time after arrival. Keep us posted when you send stock and **WE WILL GET IT.**

E. F. WINTERSON COMPANY,

45-47-49 Wabash Ave., CHICAGO.

CURRENT PRICES.

For Week of May 11th to May 18th.

Roses.		Per dozen.
American Beauty, 30 to 40 in.	\$2.00	\$3.00
" " 20 to 24 in.	1.50	2.00
" " 12 to 15 in.	1.00	1.50
" " 8 inches	.75	1.00
" " Short	.50	.50
		Per 100
Bride, Bridesmaid, Gate, Perle	3.00	6.00
Roses, Our Selection		4.00
Liberty	4.00	6.00
Carnations.		Per 100
Fancy		\$3.00
Good Average	1.50	2.00
Fair Stock, for bargain sales (Our Selection)	Per 100, \$13.00	
Easter Lilies, select	6.00	12.00
Callas	6.00	10.00
Tulips, double	2.00	4.00
" " Single	2.00	4.00
Daffodils, double, extra fine	2.00	4.00
Valley	2.00	4.00
Asparagus Plumosus, per string	.25	.50
Asparagus Plum. Sprays	2.00	5.00
Asparagus Sprengerl.	2.00	5.00
Common Ferns, per 1000, \$2.50 to \$3		.30
Galax Leaves	1.00	1.25
Smilax, per dozen	1.50	2.00
Adiantum	1.00	1.25
Pansies		1.00
Violets, double	.75	1.00
Sweet Peas	.50	1.00

E. C. AMLING

THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO.

32, 34, 36 RANDOLPH ST., CHICAGO.

L. D. 'Phones Central 1978 and 1977.

Please mention the American Florist when writing.

PLANT NOW

Lily of the Valley

FOR JUNE WEDDINGS.

Selected Valley Pips from cold storage, thoroughly frozen, \$13 per 1000; \$1.50 per 100.

H. N. BRUNS,

1409 W. Madison Street, CHICAGO.

Please mention the American Florist when writing.

Michigan Cut Flower Exchange,

WM. DILGER, Mgr.

Fancy and Dagger Ferns. All Cut Flowers in Season.

38-40 Miami Ave. DETROIT, MICH.

Please mention the American Florist when writing.

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and Growers of **Cut Flowers**

GREENHOUSES: HINSDALE, ILL.

WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

51 Wabash Ave., CHICAGO.

Wholesale Flower Markets

CHICAGO, May 10.

Roses, Beauty, 30 to 36-in. stems	2.00@	3.00
" " 20 to 24 "	1.50@	2.00
" " 15 to 18 "	1.00@	1.50
" " 12 "	.50@	.75
" Liberty	6.00@	10.00
" Chatenay	3.00@	8.00
" Bride, Bridesmaid	3.00@	6.00
" Golden Gate	3.00@	6.00
" Gen'l MacArthur	4.00@	10.00
Carnations	1.50@	2.00
" fancy		3.00
Valley	2.00@	4.00
Asparagus Plumosus, per string 25 to 50c	2.00@	5.00
" " sprays	2.00@	5.00
Leucothoe sprays	1.00@	1.25
Galax Leaves, Bronze, per 1000	1.00	.15
Adiantum	1.00@	1.25
Fancy ferns, per 1000	2.50@	3.00
Smilax	15.00@	20.00

D. WOOD BRANT,

SUCCESSOR TO BRANT & NOE FLORAL CO.

— Grower of —

CUT FLOWERS AT WHOLESALE.

Choice Carnations. Any quantity. Prices very reasonable. Wire or write.

Careful attention given shipping orders.

58-60 Wabash Ave., CHICAGO.

PETER REINBERG

51 Wabash Ave., CHICAGO.

Wholesale Cut Flowers

LARGEST GROWER IN THE WORLD.

Price List.

AMERICAN BEAUTIES—		Per doz.
Extra Select		\$ 4.00
30-inch stems		3.00
24-inch stems		2.50
20-inch stems		2.00
15-inch stems		1.50
12-inch stems		1.25
Short stems		\$.75 to 1.00
		Per 100
LIBERTY		\$5.00 to 10.00
CHATENAY		5.00 to 8.00
MAIDS AND BRIDES		5.00 to 8.00
PERLE		5.00 to 8.00
SUNRISE		5.00 to 8.00
UNCLE JOHN		5.00 to 8.00
CARNATIONS		2.00 to 2.50

All flowers are perfectly fresh and properly packed. No charge for P. & D. on orders over \$5.00.

Please mention the American Florist when writing.

Poehlmann Bros. Co.

Wholesale Growers of

and Dealers in **Cut Flowers**

All telegraph and telephone orders given prompt attention.

Greenhouses: 35-37 Randolph Street, Morton Grove, Ill. CHICAGO.

Please mention the American Florist when writing.

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

AGENTS FOR THE EVERLASTING GREENHOUSE TILE BENCH.

52 and 54 High Street,

CLEVELAND, OHIO.

Please mention the American Florist when writing.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS In Season. FANCY and DAGGER FERNS.
FLORISTS' SUPPLIES all kinds.
Long Distance Telephone, 6268-6267 Main.

GRAFTED ROSE STOCK.

Now is the time to order for summer flowering.
KAISERIN and CARNOT, 2 1/4-inch pots, \$15.00 per 100; \$120.00 per 1000
OUR ROOT STOCK.
KAISERIN, CARNOT, BRIDE and BRIDESMAID, 2 1/4-inch pots, \$4.00 per 100; \$35.00 per 1000.
I have splendid plants of AMERICAN BEAUTY, clean and free from spot; \$8.00 per 100; \$50.00 per 1000.
W. H. ELLIOTT, Brighton, Mass.

—THE—
J. M. McCullough's Sons Co.
WHOLESALE FLORISTS
ALSO SUCCESSORS TO
THE CINCINNATI CUT FLOWER CO.
CONSIGNMENTS SOLICITED.
Special attention given to Shipping Orders.
816 WALNUT ST. CINCINNATI, O.
Please mention the American Florist when writing.

Wholesale Flower Markets

Boston, May 9.

Roses, Beauty, best	20.00@25.00
" " medium	12.00@20.00
" " oulls	6.00@ 8.00
" " Bride, Bridesmaid	4.00@ 6.00
" " Extra	8.00@12.00
" " Liberty	1.00@ 8.00
Carnations	1.00@ 1.50
" " Fancy	1.00@ 2.00
Lily of the valley	2.00@ 3.00
Smilax	12.00@16.00
Adiantum	1.00
Asparagus	35.00@50.00
Violets	.35@ .50

PHILADELPHIA, May 9.

Roses, Tea	3.00@ 4.00
" " extra	6.00@ 8.00
" " Liberty	4.00@15.00
" " Queen of Edgely, extra	15.00@25.00
" " firsts	10.00@12.00
" " Beauty, extra	15.00@25.00
" " firsts	10.00@12.00
Carnations	1.50@ 4.00
Lily of the valley	3.00@ 4.00
Asparagus	25.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Gardenias	.12@ .15
Mignonette	2.00@ 3.00
Easter lilies	6.00@ 8.00
Callas	6.00@ 8.00
Sweet Peas	.75@ 1.50

BUFFALO, May 9.

Roses, Beauty	4.00@25.00
" " Bride, Bridesmaid, Meteor.	3.00@ 8.00
Carnations	1.00@ 3.00
Harrisl.	6.00@10.00
Lily of the valley	2.00@ 4.00
Asparagus, strings	40.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Lilium Longiflorum	6.00@10.00
Sweet peas	.40@ .75
Tulips	1.00@ 3.00

Pittsburg Florists' Exchange,

WHOLESALE FLORISTS and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.
Send for weekly price list and prices on large orders.
Please mention the American Florist when writing.

J. B. MURDOCH & CO.

WHOLESALE FLORISTS, FLORISTS' SUPPLIES.

545 Liberty Ave., PITTSBURG, PA.
Please mention the American Florist when writing.

RICE BROTHERS,

128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.
Wild Smilax | Flowers Billed at Market Prices.
Shippers of choice Cut Flowers and Greens of all kinds. Try us.

Zech & Mann

Wholesale Florists

Room 218, 51 Wabash Ave., CHICAGO.
Telephone, Central 3284.

H.G. BERNING
Wholesale Florist
1402 Pine St., ST. LOUIS, MO.

C. A. KUEHN,
Wholesale Florist,
1122 Pine St., ST. LOUIS, MO.
A Complete Line of Wire Designs.

Beauties and Valley } **THE LEO NIESSEN CO.**
1217 Arch St., PHILADELPHIA, PA.
Please mention the American Florist when writing.

KENNICOTT BROS. COMPANY
40-42-44 Randolph St., CHICAGO.
Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.
Please mention the American Florist when writing.

PHILADELPHIA CUT FLOWER CO.
HIGH-GRADE CUT FLOWERS.
1516-1518 Sansom Street, Bell and Keystone Phones. PHILADELPHIA, PA.
Open 7:30 a. m. to 8 p. m.

THE RELIABLE Commission House,
Jos. S. Fenrich

Bell Telephone. 324 Madison Square.
 325

48 W. 30th Street, NEW YORK.

YOUNG & NUGENT

42 West 28th Street, Wholesale Florists.
 Telephone 2085, Madison Sq.

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

J. K. ALLEN,

Wholesale Commission Florist,

108 West 28th Street, NEW YORK.

American Beauties, Orchids, Roses,
 and Every Variety of
 Carnations, Violets, CUT FLOWERS.

Tel. 187 Madison Square.

Open every day at 6 a. m.

Telephone No. 756 Madison Square.



MOORE, HENTZ & NASH

Wholesale Commission Florists,

65 and 57 West 26th St., NEW YORK CITY.

Advice of sale note daily. Statement and check weekly. All consignments large or small receive the same attention. CORRESPONDENCE INVITED.

WHOLESALE WILLIAM GHORMLEY, COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, NEW YORK CITY.

JOHN YOUNG,

Special American Beauties,
 Surpassing Carnations,
 Lily of the Valley, Orchids
 and all Seasonable Flowers.

51 West 28th St., NEW YORK.
 Telephone 1906 Madison Square.

Original Pioneer House—Established 1871.

JAMES HART

117 W. 30th St., NEW YORK.

Wholesale and Commission

Consignments solicited. Shipping orders promptly attended to. Phone 626 Madison.

—FLOWERS SHIPPED BY—

John I. Raynor,

Are the best product of the best growers for the New York Market.

ADIANTUM CROWEANUM sold here exclusively.

49 W. 28th St., NEW YORK.
 Tel. 1998 Madison Square.

Walter F. Sheridan,

WHOLESALE FLORIST,

Telephone 902 Madison Square.

39 West 28th St., NEW YORK.

20 years' experience. Tel. 4878 Madison.

JOHN SELIGMAN,
 WHOLESALE FLORIST

56 W. 26th Street, NEW YORK.
 OPPOSITE N. Y. CUT FLOWER CO.

Everything in Cut Flowers. Consignments from growers solicited. Prompt returns. Best prices. Satisfaction guaranteed.

Choice Carnations. Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, Cut Flower Exchange.
 New Telephone No. 798 & 799 Madison Sq.

Wholesale Flower Markets

NEW YORK, May 10.

Roses, Beauty, best.....	10.00@20.00
" " medium.....	3.00@10.00
" " eulls.....	1.00@ 2.00
" " Liberty, best.....	10.00@20.00
" " medium.....	3.00@10.00
" " eulls.....	1.00@ 2.00
" " Bride, Bridesmaid, G. Gate.....	1.00@ 5.00
" " Kaiserin, Carnot.....	1.50@ 8.00
Carnations.....	1.00@ 2.00
" " fancy and novelties.....	3.00
Lily of the valley.....	1.00@ 3.00
Lilies.....	2.00@ 6.00
Smilax.....	10.00@25.00
Adiantum.....	.50@ .75
Asparagus.....	20.00@50.00
Tulips.....	1.00@ 2.00
Violets.....	.15@ .30

Charles Millang

WHOLESALE FLORIST.

Conservatory connected from which I can ship ferns and decorative plants promptly.

50 W. 29th St. NEW YORK.
 Tel. 3880 and 3861 Madison Square.

Please mention the American Florist when writing.

Receivers and Shippers of Cut Flowers.
 Consignments Solicited.

A. L. YOUNG & CO., Wholesale Florists,
 54 West 28th Street,
 Telephone 3559 Madison Sq. NEW YORK.

FORD BROS.

Receivers and Shippers of

Fresh Flowers

111 West 30th St., NEW YORK.
 Telephones 3870-3871 Madison So.

The Only House Handling the **Victory**
NEW RED CARNATION
 To be Disseminated 1906. Also a Complete Line of **Choicest Flowers.**

ALEX. J. GUTTMAN, WHOLESALE FLORIST,

52 West 29th Street, NEW YORK.
 Telephones: 1664-1665 Madison Square.

N. Y. CUT FLOWER EXCHANGE

Coogan Bldg., 6th Ave. & W. 26th St., New York.

Open for Cut Flower Sales at 6 o'clock Every Morning.

DESIRABLE WALL SPACE TO RENT FOR ADVERTISING.

JOHN DONALDSON, Secretary.

CARNATIONS My Specialty.

CONSIGNMENTS SOLICITED.

Prompt Payments. Established 1891.

Alfred H. Langjahr, 55 W. 28th St.
 New York.

Telephone 3924 Madison Sq.

The American Florist Company's

DIRECTORY

Contains the names and addresses of all the Florists, Seedsmen and Nurserymen in the United States and Canada. Price \$2.00.

AMERICAN FLORIST CO.,
 324 Dearborn Street, Chicago, U. S. A.

EDW. C. HORAN,

55 WEST 28TH STREET,

Telephone 421
 Madison Square.

.....NEW YORK.

CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

33 Post Street, SAN FRANCISCO, CAL.
Please mention the American Florist when writing.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873, Bell, Lindell 676.
Please mention the American Florist when writing.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, DENVER, COLO.
Pres.

MILWAUKEE.

C. C. Pollworth Co.

MILWAUKEE, WIS.
Will take proper care of your orders in
WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.

1857 Buckingham Place, CHICAGO.
Growers and Importers. The oldest and leading house in Central and Western United States. Decorative plants a specialty. Mail and Wire Orders Get Prompt attention.

A. Gude & Bro.

FLORISTS

1214 F St., WASHINGTON, D. C.

KANSAS CITY.

WILLIAM L. ROCK
FLOWER CO.

Kansas City, Mo.

Palmer's

BUFFALO,
N. Y.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

Artistic Designs. *****
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Wholesale Flower Markets

ST. PAUL, May 9.

Roses, Beauty, long, per doz.	5.00
" " med. " .200@	3.00
" " short " .75@	1.50
" Liberty	3.00@ 8.00
" Chateau	4.00@ 10.00
" Bride, Bridesmaid	4.00@ 6.00
" Gates and Ivory	4.00@ 8.00
" Perle	3.00@ 5.00
Carnations	1.50@ 3.00
Valley	3.00@ 4.00
Romans	3.00
Tulips	3.00
Sweet Peas .....	.75
Callas	12.50
Harrisii	10.00@ 12.50
Smilax	15.00
Sprengreri	2.60
Adiantum	1.00

MINNEAPOLIS, May 9.

Roses, Beauty, long, per doz.	4.00
" " med. " .250	2.50
" " short " .50@	.75
" Liberty	4.00@ 8.00
" Chateau	4.00@ 8.00
" Bride, Bridesmaid	4.00@ 8.00
" Meteor, Golden Gate	4.00@ 8.00
" Perle	4.00@ 8.00
Carnations	3.00@ 4.00
Smilax	15.00 @ 18.00
Asparagus sprays	2.00@ 3.00
Valley	3.00@ 4.00
Adiantum	1.50
Common ferns per 1000	3.00
Callas	12.50
Romans, Paper Whites	3.00
Harrisii	12.50@ 15.00
Tulips, Daffodils	3.00

CHICAGO.

P. J. HAUSWIRTH

Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

Please mention the American Florist when writing.

Shaffer **FLORIST,**

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7 East 33rd St., Near Waldorf-Astoria.

Telegraph orders from any part of the country for Boxes, Flowers or Designs for deliveries at residences or steamers faithfully filled.
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Orders will be well cared for anywhere in Minnesota and the Dakotas.

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Cut Flowers, Floral Designs, Decorations.
Telephone 1087. All mail, telegraph or telephone orders promptly and artistically filled.

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Carnations, Roses, etc.

Wholesale and retail. Telegraph or phone.

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Casino, June and August.

Page, 6x9, \$10.00; 1/2 page, \$5.00; 1/4 page, \$3.00.
Ads received up to May 25 by

DAVID McINTOSH, Secy.,
Lodge Road, NEWPORT, R. I.

LONGIFLORUMS.

We have a few **VERY FINE FLOWERS** that were late for Easter, \$3.00 per 100.

JONQUILS, EMPERORS. Extra large and fine, \$3.00 per 100.

Roses

A very large supply of fine stock, \$6.00 per 100. Short and medium stems in 1000 lots at bargain prices.

Carnations

\$1.50 to \$3.00 per 100. Special Prices on 1000 lots, our selection.

SPRENGERI, PLUMOSUS, ADIANTUM. Any amount on short notice.

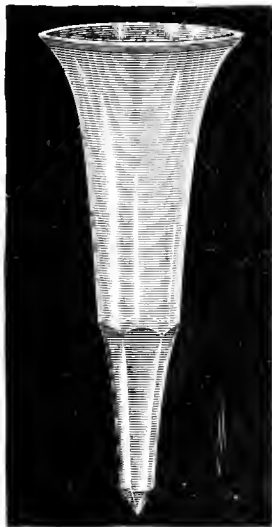
LILY OF THE VALLEY. Extra nice stock, \$3.00 to \$4.00 per 100.

SWEET PEAS. Fine long stems, 75c to \$1.00 per 100.

DECORATION DAY is not far away. You will want stock in 1000 lots, and it will pay you to get our quotations on all kinds of stock.

A. L. RANDALL CO., 19 Randolph St., **CHICAGO, ILL.**

For **Decoration Day**



Clara Cemetery Vases.

PER DOZEN \$3.50 BOXED.

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Hundreds of New Names

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AND contains the usual fully corrected and revised lists of Florists, Seedsmen, Nurserymen, Horticulturists, Landscape Architects, Parks, Cemeteries, Botanical Gardens, Horticultural Societies, Horticultural Supply Concerns of the United States and Canada, Leading Foreign Houses and much other valuable trade information. Price \$2 postpaid.

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324 DEARBORN STREET,
CHICAGO, ILL.



June Weddings
AND
Decoration Day
SPECIALTIES.

ORCHIDS, Fancy Valley, Beauties, Tea Roses, Carnations, Callas, Easter Lilies, Peonies, and all Miscellaneous Stock.

A Large Stock of Asparagus, Adiantum, Common Ferns and all Decorative Material Always on Hand.

Also a fine line of Novelties in Florists' Supplies.

If you want the **BEST** at any Time, or all the Time, send to

CHAS. W. McKELLAR,

Long Distance Phone, Central 3598.
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51 Wabash Ave., CHICAGO

The Strike

Has not interfered with us in the least, for with a fine grade of stock to select from we are shipping out orders with our usual promptness, so kindly send your orders along and we will do the rest.

J.A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations
A Specialty....

WHOLESALE GROWER of **CUT FLOWERS**

Aug. Rhotert, Importer, 26 Barclay St., New York.

—HEADQUARTERS FOR—
CHOICEST EARLY and LATE FORCING LILY of the VALLEY PIPS.

BRANDS

MULTIBELL
BEROLINA
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Early Forcing Berlin Pips.

Late Forcing and Cold Storage Hamburg Pips

GROWN BY MR. E. NEUBERT, WANDSBECK, GERMANY.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendell, Cleveland, O., Sec'y and Treas. Twenty-third annual convention at Alexandria Bay, N. Y., June 20-22, 1905.

THE farmers generally report a fine stand in the onion set fields.

THE frosts in the south necessitating replanting have certainly been a help to the seedsmen.

SHENANDOAH, IA.—The Western Seed Company has failed and H. I. Foskett has been appointed temporary receiver.

DETROIT, MICH.—Lem W. Bowen and D. M. Ferry, Jr., sailed for Europe April 29 and will be gone several months.

BOSTON, MASS.—W. W. Rawson has the sympathy of the trade in the loss of his daughter, Mrs. Mabel L. Ross, who died May 2.

IN going over the list we find that there were just fifty-six representatives of Holland bulb growing concerns in this country this year.

A BULLETIN on "Asparagus and Asparagus Rust in California" has been issued by the University of California Experiment Station, Berkeley, Cal.

CHICAGO seed houses have been doing better this week since it has been found shipments are not tied up. There is promise of a good late local trade.

PHILADELPHIA, PA.—A notice has been issued calling the final meeting of the creditors of the bankrupt firm of D. Landreth & Sons at the office of Referee Joseph Mellors, 528 Walnut street, May 23, at 3:30 p. m.

NEWPORT, R. I.—Letters received from England report that John H. Cox, formerly seedsman for the George A. Weaver Company, is not in very good health. This will be regretted by his many friends here.

VISITED CHICAGO: J. J. Van Waveren, representing L. Van Waveren & Company, of Hillegom, Holland; Alfred Dimmock, representing Sander & Sons, St. Albans, Eng.; Alfred J. Brown, Grand Rapids, Mich.

LATEST reports from Holland indicate that the tulips, hyacinths and daffodils have come out of the recent unseasonable weather in satisfactory condition. Prices of hyacinths and daffodils are wavering, except pure white of the former and Golden Spur narcissus. Tulips

3,700 ACRES OF GARDEN SEEDS
IN CULTIVATION.

Braslan Seed Growers Co.

Wholesale Seed Growers.

SAN JOSE, CALIFORNIA.

Please mention the American Florist when writing.

Seedsman Wanted.

Wanted at once, one or two first-class salesmen to travel for a large western seed firm. Experienced men only need apply, but position is permanent for right men. Apply giving all particulars with references to

SEEDS, care American Florist.

are selling well and prices remain firm. It is still too early, however, to say much about prices with anything approaching certainty.

New York.

A leading Broadway fruiterer is showing in his window a conical heap of soil containing mushroom spawn, with a small sign, "Mushrooms, see them grow." There is a crowd around the window continuously, and the mushrooms materialize as a matter of fact.

The Vilmorin Memorial.

We have on more than one occasion, alluded to the very numerous adhesions to the proposal to erect a monument to the late Henry de Vilmorin, says the Gardeners' Chronicle. At a recent meeting of the committee in Paris a model executed by M. Carlier was unanimously approved and the sculptor requested to proceed with the work. The monument consists of a group symbolizing agriculture and horticulture, and three children, one winnowing the wheat, another uprooting a beetroot, the third holding a garland of flowers. In this way the idea of the committee in issuing its appeal for subscriptions is carried out. "Without the Vilmorins there would probably be less wheat in our fields, certainly less sugar in our beetroots, and surely fewer flowers in our gardens." On the pedestal supporting the group are four medallions representing four generations of the Vilmorin family. The fund has now reached \$6,500 approximately.

Boston.

TRADE DULL.

As is usual at this time of the year, the period between Easter and Memorial day, the bottom has dropped entirely out of the market. The wholesale dealers say that the conditions are worse this year than in previous years. The only two flowers to hold up their own in price are violets because of their scarcity and sweet peas for the reason that they are not yet abundant. Carnations and roses are most affected by the slump. Among the roses American Beauty is the only one which can be moved at all, and that only at very low prices. Lily of the valley is selling well. The trade in outdoor plants is holding its own and will increase from now on, as the weather has probably steadied down, although there was a white frost May 5. The florists in the neighboring towns have gone much more largely than usual into the growing of geraniums for the local trade.

IN AND AROUND TOWN.

N. F. McCarthy's auction sales have been very largely attended and lively bidding has ensued. This firm has just received an exceptionally large shipment of bay trees, some of the individual specimens being among the largest ever seen in this country. The first auction sale of bedding plants will be held May 12.

Thomas Galvin furnished the decorations for the fair at Horticultural hall the first four days of this week for the benefit of the Sharon sanitarium. The decorations consisted of palms, bay trees, southern smilax and laurel festooning.

H. M. Sanderson, of Waltham, has been bringing in some fine potted lilacs. H. P. S.

NOTES.

The William W. Edgar Company, of Belmont, has been incorporated with a capital of \$25,000; William W., Rose H. and John G. Edgar, promoters.

The Boston Globe of April 30 contains an interesting illustrated article on Director William H. Elliott, of the S. A. F., and his business.

Louisville.

The previous week was another very satisfactory one, generally speaking, stock in nearly every line moving rapidly. The weather is very warm, and naturally the planting end of the business is a very busy one. Roses continue to arrive in better quantities, but not much difference can be seen in the quality of the grades put on the market, this opinion being a general one. The demand has been very good. Carnations have been greatly increased in quantity, and the quality is holding up very satisfactorily. The demand has been exceptionally good. Outdoor lily of the valley was all in about the same time this year, but fortunately the demand was very good, and very little had a chance to go to waste. The quality was the best seen for some time. Mignonette can be supplied in great quantities, with the quality a little below the standard. The demand has been fair. Very choice lilies are a glut at present, in spite of the great quantities that have been demanded. Sweet peas have sold unusually well, the quality and quantity both being satisfactory. Smilax is very scarce.

The regular monthly meeting of the Kentucky Society of Florists was held May 2 at the establishment of Joseph Coenen & Company with what was probably the largest attendance in the history of the society. The society presented Mr. Coenen with a very nice cane, he being our financial secretary and having resigned on account of changing his location. President Baumer presented it to him with some very fitting remarks. T. B. Rudy was unanimously elected to serve out the unexpired term of the retiring officer. The society has now forty-nine members, and is in very good standing. FRED L. SCHULZ.

LODA, ILL.—An addition is to be built to the greenhouses here in the near future. The concrete work is being done now.

COLORADO SPRINGS, COL.—D. C. Mosher is preparing to build five greenhouses 24x150 feet in size, at 1126 Colorado avenue. When constructed this plant will compare favorably with any of its kind in the state.

LEONARD SEED CO.

Write for Prices.
WE ARE
HEADQUARTERS
FOR
ONION SETS.

Flower Seeds
and
Bulbs

WHOLESALE SEED GROWERS

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now. Beans, Peas and Garden Seeds. WRITE FOR PRICES.

CHICAGO.

Seasonable Stock.
 IN EASTER LILIES,
 HYDRANGEAS, GENISTAS,
 SPIRAEA GLADSTONE,
 RHODODENDRONS.

**Palms, Ferns and
 Decorative Stock.**

R. DREYER, WOODSIDE,
 L. I., N. Y.

Please mention the American Florist when writing.

**BENCH GROWN
 Adiantum Cuneatum**

Very strong, ready for 7 and 8-inch pots,
 50¢ each. Also **Asparagus Plumosus**,
 3¼-inch, very strong, 12½¢ each. Also
 a few hundred **Chrysanthemum Plants**,
 White Bonaffon and Col. D. Appleton, 3c.

**LARGEST GROWER OF CUT FLOWERS
 IN THE SOUTH.**

JOHN WOLF,
 SAVANNAH, GA.

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 Summer Tours**

Write today for a Free copy
 of **WABASH Summer Tour
 Book—1905**, outlining many
 very attractive summer vaca-
 tion trips, with rates, etc.

Write us about any tour you
 may have in contemplation.
 We shall be glad to assist you.

C. S. CRANE, F. A. PALMER,
 O. P. & T. Agent, A. G. P. Agent,
 ST. LOUIS, CHICAGO.

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 TRADE JOURNAL.**

The largest, brightest, and best advertis-
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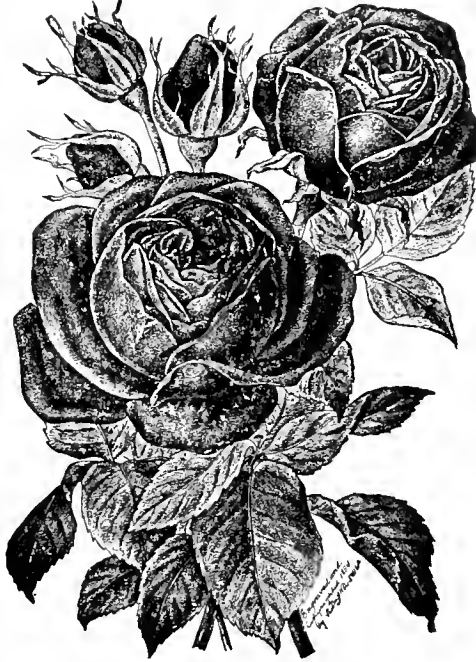
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THE HORTICULTURAL PRINTING COMPANY,
 BURNLEY, ENGLAND.

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Dreer's Select Roses For Outdoor Planting

The following varieties are offered in prime condition for retailing. Field-grown plants which were potted up during December, and January were stored in cold houses, and which are now showing a fresh natural growth which will make them sell on sight. All are strong heavy plants in five and six-inch pots, according to variety.



GRUSS AN TEPLITZ.

	Per doz.	Per 100
Paul Neyron.....	\$3.00	\$25.00
Pride of Waltham.....	3.00	25.00
Prairie Queen.....	2.50	20.00
Queen of Queens.....	3.00	25.00
Rugosa.....	2.50	20.00
Alba.....	2.50	20.00
Rodoacanachi.....	3.00	25.00
Soleil D'Or.....	3.00	25.00
Star of Waltham.....	3.00	25.00
Tom Wood.....	3.00	25.00
Ulrich Brunner.....	3.00	25.00
Victor Verdier.....	3.00	25.00
Wichuraiana.....	2.00	15.00

For a full and complete list of Roses as well as for a complete line of seasonable stock (especially for the now so popular Hardy Perennials for which we are headquarters) see our current wholesale list.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

CRIMSON RAMBLER

5,000 strong, well-established plants from 2¼-inch pots for immediate planting; also 500 to 600 **PINK RAMBLER.**
 All at \$25.00 per 1000. **Cash with order.**

JOHN N. MAY,
 Summit, New Jersey.

Pandanus Veitchii

Each
 5-in. pots, \$.85
 6-in. pots, 1.00

Pandanus Veitchii, specimens 30 to 32 inches high from top of soil..... \$2.50 each
 Plants finely shaped and evenly variegated. Extra good value.

Begonia Glorie de Lorraine, strong plants, 3 inch pots..... \$25.00 per 100
 Begonia Turnford Hall (new), strong plants, 3-inch pots..... 40.00 per 100

NOW READY FOR DELIVERY.

Boston Fern, 8-inch pots..... \$15.00 per doz.
 Piersoni Fern, 8-inch pots..... 15.00 per doz.

Fine Plants, Good Value.

J. A. PETERSON, Cincinnati, O.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June 14-16, 1905.

BIRMINGHAM, MICH.—R. J. Coryell, formerly of Colorado Springs, Col., has established a general nursery here.

FAIRMONT, MINN.—The Fairmont Nursery Company, with a capital of \$25,000, has been incorporated here by B. E. St. John, Nina St. John and Victor St. John.

NEW YORK.—There was an auction sale, May 8, at the customs seizure rooms, Washington street, of 60,000 evergreen seedlings, and 60,000 apple seedlings, the home value being stated as \$350.

MONTGOMERY, ALA.—The second annual meeting of the Alabama State Horticultural Society was held here recently. Several horticultural papers were read. The old officers were all reelected.

THE BLACK ROSE.—Teynac & Glass, Savannah, Ga., send us a copy of the Savannah Press, May 5, in which considerable space is devoted to the black rose, evidently another addition to the big crop of fakes.

FORT COLLINS, COL.—Dr. R. H. True, of the Bureau of Plant Industry, and Dr. C. D. Marsh, expert, were at this place last week. They have been deputed by the Agricultural Department to investigate loco weed.

BEDFORD, N. H.—Twenty thousand white pine seedlings are soon to be set out here under the supervision of P. W. Ayers, state forester. If the experiment is successful the whole tract of 200 acres will be covered next spring.

LOS ANGELES, CAL.—C. L. Wilson, of the Chamber of Commerce, will have charge of the southern California exhibit at the Lewis and Clark exposition. All the California exhibits will be shown in the state building there and they will be ready June 1.

HARLAN P. KELSEY advises us to substitute "San Jose Scale Again—the Best Spray," by F. C. Hall, Maryland, for the paper entitled "Plants in Department Stores," by Howard A. Chase, as given in the programme of the American Association of Nurserymen in our issue of April 29, page 664.

Lenox, Mass.

The regular meeting of the Lenox Horticultural Society was held May 6. A diploma was awarded Elm Court farm for Cattleya Mossiae. William Woods, gardener to Mrs. J. E. Parsons, gave an interesting lecture on "The Leaves of Plants."

Winona, Minn.

The Winona Floral Company, composed of two former Chicago men, Gunther and Rogers, have been doing good business since they started here a year ago.

ROSE PLANTS

STRICTLY FIRST-CLASS STOCK. OWN ROOTS.

De Brabant, Ivory, Meteor, The Bride,	White Rambler, Clothilde Soupert, Etoile de Lyon, Maman Cochet From 2½-inch pots, \$2.25 per 100; \$18.00 per 1000.	Marechal Niel, White Maman, Duchess of Albany, Heleo Gould, From 2½-inch pots, \$2.25 per 100; \$18.00 per 1000.	Malmaison, Pink Rambler, Yellow Rambler, Hermosa.
Crimson Rambler, La France, Mme. Chas. Wood,	Perle des Jardins, Vick's Caprice, Capt. Christy, From 2½-inch pots, \$3.00 per 100.	Gen. Jacqueminot, P. C. de Rohan, Philadelphia Rambler, From 2½-inch pots, \$3.00 per 100.	Mme. Plantier, Kaiserin Aug. Victoria, Sunrise.

VINCA VAR., 2-inch pots, from cold frame.....\$2.00 per 100
BOSTON FERNS.....\$3.00 per 100. SALVIA.....\$2.50 per 100

Packed light and free of charge.

C. M. NIUFFER, Springfield, Ohio

700,000 Cal. Privet

	Per 100	1000
3 yrs., 2½ to 3 ft., extra heavy.....	\$3.25	\$28.00
3 yrs., 2 to 2½ ft., well branched.....	2.50	23.00
3 yrs., 18 to 24 in., ".....	2.00	15.00
3 yrs., 12 to 18 in., 4 to 8 branches.....	1.50	10.00
3 yrs., ¾ to 4 ft., very heavy.....	3.00	25.00
3 yrs., 2½ to 3 ft., well branched.....	2.25	18.00
3 yrs., 2 to 2½ ft., ".....	2.00	15.00
2 yrs., 2 to 2½ ft., 3 to 6 branches.....	1.50	10.00
2 yrs., 18 to 24 in., 5 to 8 ".....	1.50	10.00
1 yr., 14 to 20 in., 2 to 4 ".....	1.25	7.00
1 yr., 10 to 14 in., 1 to 2 ".....	1.00	5.00
Cuttings, strong.....		.75
Tree form, 3 yrs., heads 4 to 5 feet.....	25c	each

All the above plants have been transplanted and cut back except one year, which makes them a clean, good stock. Parties wanting 5,000 or over, will write and get better rates.

River View Nurseries

J. H. O'HACAN.

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EVERGREENS Large Assortment.

Specialties—White Pine, Hemlock and Large Evergreens. Spring List for details.

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Wm. Warner Harper, Prop. CHESTNUT HILL, PA.

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Send to **THE MOON** Company
For Trees, Shrubs, Vines
Your and Small Fruits.
Descriptive Illustrated Catalogue Free.
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Morrisville, Pa.

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W. van Kleef & Sons

Wholesale Growers of Nursery Stock.
BOSKOOP, HOLLAND,

Beg to announce that their representative, **W. van Kleef, Jr.**, is again in America calling on the trade. All correspondence during April and May, care Maltus & Ware, 136 Water St., New York.

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BABY RAMBLER.

Everblooming Dwarf Crimson Rambler. A gem among Roses. An everblooming, dwarf reproduction of Crimson Rambler. Always in bloom. Every florist in the land should have it. 2½-inch pot plants now ready for delivery, \$2.50 per doz.; \$17.50 per 100; \$150.00 per 1000.

The Dingee & Conard Co., WEST GROVE, PA.

ROSES

Fine, Clean Stock, from 2½-in. pots.

Maman Cochet	Marie Van Houtte
White Cochet	Gruss an Teplitz
Yellow Cochet	F. Kruger
Hermosa	Perle des Jardins
Marechal Niel	Mme. Welche
Meteor	Safrano
Climbing Meteor	Lamarque
Burbank	White La France
C. Soupert	Striped La France
Etoile de Lyon	Climbing Wootton
Ivory	Souv. de Wootton
Golden Gate	Duke of Albany
Bride	Helen Gould
Bridesmaid	Papa Gontier
Duch. de Brabant	Chatenay
Bon Silene	Folkestone
Agrippina	Medis
Pillar of Gold	Antoine Rivolre
Solfaterre	Malmaison
Marie Guillot	Clara Watson

\$2.50 per 100. \$20.00 per 1000.

Packing light and free, and satisfaction guaranteed. Terms cash. Please do not send personal checks.

R. H. MURPHEY & SON

URBANA, OHIO.

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(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy, Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilaes a specialty. Berlio and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries. **NAARDEN-BUSSUM, near Amsterdam, is our R. R. Depot.**

Mailing address during April and May: **JACS SMITS, care MALTUS & WARE, 136 Water Street, New York City.**

Beautiful Grounds.

An illustrated Manual containing suggestions on Lawn Making, Planting and care of Shrubs and Trees, with names and descriptions of varieties hardy and of merit. Also information regarding Landscape Plans, Topographical Surveys, etc. A book you will often refer to. Send for it to-day. Free on application.

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SPECIALISTS:

PEONIES, CARNATIONS AND SPECIMEN NURSERY STOCK.

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AMERICAN FLORIST

WHEN WRITING ADVERTISERS.

Roses, Roses and Roses IT PAYS TO BUY GOOD ROSE STOCK.

We have a fine lot of well rooted plants in 2½-inch pots with good strong tops in elegant condition.

Price of Following List, \$20.00 per 1000; \$2.50 per 100—100 or More at 1000 Rate.

Marie Guillot Marchal Niel The Bride Bridesmaid Champion of the World Burbank Duchess de Brabant Yellow Rambler White Rambler	Pink Rambler Mary Washington Gen. De Tartas Henry M. Stanley James Sprunt Tennessee Belle Empress of China Greville (Seven Sisters)	Laevigata Mme. Jos. Schwartz Psyche White Bougere Etoile de Lyon Muriel Graham Archduke Charles Maman Cochet	White Maman Cochet Queen's Scarlet Ivory White Marchal Niel Golden Gate Parquerette Gloire de Polyantha Mignonette	Papa Gontier Lamarque Climbing Bridesmaid Marie van Houtte Mme. F. Krueger Snowflake Climbing Marie Guillot " Clothilde Soupert	The Queen Princess Sagan Jersey Beauty Pink Roamer Evergreen Gem Wichoralana Universal Favorite Manda's Triumph
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Following Roses at \$25.00 per 1000; \$3.00 per 100—100 or More at 1000 Rate.

Blanche Moreau Mousseline Henry Martin	Hall of Snow Capt. Christy Philadelphia Rambler	Crimson Rambler Coquette des Blanches	Coquette des Alps Vick's Caucis New climbing rose, Keystone, from 2½-in. pot, \$8.00 per 100.	Glory of Lyonaise Mme. Plantier	Countess of Rosebery F. Levet
--	---	--	---	------------------------------------	----------------------------------

BEDDING AND MISCELLANEOUS STOCK, from 2 1-2-inch pots.

Ageratum, Stella Gurney, White Cap and Princess Pauline.....	\$2.50	\$20.00	Ahutilons, assorted.....	Per 100	Per 1000	Heliotrope, purple.....	Per 100	Per 1000
Alyssum, Little Gem.....	2.50	20.00	Daisy, white and yellow.....	\$2.50	\$20.00	Pansies, strong plants.....	\$2.50	\$20.00
Salvia Splendens.....	2.50	20.00	Oleander, white and pink.....	4.00	40.00	Asparagus Plumosus, 3-inch.....	1.00	10.00
Violets, California, Lady Hume Campbell and Princess of Wales.....	2.50	20.00	Baby Primrose.....	2.50	20.00	Asparagus Sprengerii, 3-inch.....	6.00	60.00
Pilea Serpyllifolia, Artillery Plant.....	2.50	20.00	Verbenas, mixed.....	2.50	25.00	Chrysanthemums, good standard sorts, including some new Austral- ian sorts.....	2.50	20.00
Weeping Lantana.....	2.50	20.00	Scented Geraniums, assorted.....	2.50	25.00	Coleus.....	2.00	18.00
Assorted Lantanas, 5 varieties.....	2.50	20.00	Fuchsias, assorted.....	2.50	25.00	Araucaria, 3 tiers, 75c each, \$7.00 per doz.		
			Cestrum Parqui.....	2.50	25.00			
			Jasmine, Grandiflorum and Gracillum	2.50	25.00			

SPRINGFIELD FLORAL CO., Springfield, Ohio.

TREES

Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collections in this country.

Gold Medal—Paris—Pan-American—St. Louis, 102 prizes New York State Fair, 1904.

Illustrated Descriptive Catalogue FREE on Request.

ELLWANGER & BARRY

Mt. Hope Nurseries, Rochester, N. Y.
Drawer 1044 V Established 65 Years.

Please mention the American Florist when writing.

Silver Ribbon Grass

The new hardy perennial. The finest ornamental grass to be had—perfectly hardy can be used indoors and out, grows rapidly and does not turn green or run to seed. Strong field-grown roots, 15c each by mail, postpaid. \$1.25 per dozen; \$8.00 per 100 by express, charges not prepaid. Can fill orders at any time. Terms cash with orders.

James Vick's Sons,

ROCHESTER, N. Y.

Please mention the American Florist when writing.

—THE—

Tottenham Nurseries, LTD.

Established 1872.

A. M. C. VAN DER ELST, Managing Director.

Dedemsvaart, (Holland.)

Headquarters for Hardy Perennials (among which are the latest and choicest) 13 acres devoted to growing this line as Anemone, Aster, Campanula, Delphinium, Funkia Hemerocallis, Hepatica, Iocaryllaea, Iris, Peonies, Phlox decussata, and auriculosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 6 acres Daffodils, 12 acres Conifers, (specially young choice varieties to be grown on), 3 acres Rhododendrons (also the best American and Alpine varieties), 2 acres Hydrangeas. We make it a point to grow all latest novelties in these lines. Ask for catalogue.

Please mention the American Florist when writing.

ORDER NOW

HARDY SHRUBS, RAMBLERS

and HYBRID ROSES FOR SPRING SALES

	Doz.	100	
GRUSS and TEPLITZ, strong, 2-year old.....	\$2.00	\$15.00	
HERMOSA, strong, 2-year old.....	2.25	16.00	
CLOTHILDE SOUPERT, strong field plants.....	1.50	10.00	
AMERICAN BEAUTY, Own roots.....	1.50	10.00	
KAISERIN AUG. VICTORIA.....	2.00	15.00	
PAUL NEYRON, budded.....	2.00	15.00	
LA FRANCE, budded.....	2.00	15.00	
MME. PLANTIER, own roots.....	1.50	10.00	
TREE ROSES, H. P. sorts.....	5.00	40.00	
" " Crimson Rambler.....	6.00	50.00	
CRIMSON RAMBLERS, strong, 2-year old, No. 1.....	2.00	15.00	
2-year old, No. 2.....	1.50	10.00	
Strong, 3-year old, No. 1.....	2.50	18.00	
FLOWERING SHRUBS.			
AZALEA MOLLIS, mixed kinds, 20 buds.....	.40	4.00	30.00
CLEMATIS, in as'd kinds, 3-year-old.....	3.50	25.00	
AMPELOPSIS VEITCHI, 3 to 4 ft., heavy.....	2.00	16.00	
AMPELOPSIS VEITCHI, 2 to 3 ft., heavy.....	1.75	14.00	

BOX TREES (Buxus Sempervirens).

New importation, just arrived, fine condition. Standard or Tree Shaped, stems about 2½ feet, crowns 2 feet in diameter, each \$4.00

Bush Shaped, very fine bushy plants.

18 to 20 inches high, each..... 1.00

2½ feet high, each..... 3.00

3½ feet high, each..... 4.00

Pyramidal Shaped, fine shapely trees,

3 feet high, each..... 2.50

3½ feet high, each..... 3.00

4 feet high, each..... 4.00

PEONIES. In case lots.

We have this year secured a fine lot of Peonia Chimensis in fancy named sorts, suitable for Florists' use, all young roots, one year from divisions and with three to five eyes. These cases contain 67 double white, 65 double pink, 67 double red, each sort named. 200 roots in all. We offer them at the low price of \$20.00 per case, or 3 cases for \$55.00. We cannot break cases at these prices.

In Separate Colors. Strong roots, averaging 3 to 5 eyes.

	Doz.	100
Double red and crimson.....	\$1.50	\$12.00
Double white.....	1.50	12.00
Double pink.....	1.25	10.00
Double, all colors mixed.....	1.00	8.00
DIELYTRA SPECTABILIS.....	1.00	7.00
SHASTA DAISY, 3-inch pots.....	.75	6.00

Please mention the American Florist when writing.

Everblooming Roses

Surplus stock of Standard varieties of Everblooming Bedding Roses, at prices that will close them out. Strong healthy stock from 2½-in. pots, to include

Bridesmaid, Bride, White Maman Cochet, Mary Washington, Queen's Scarlet, Etc.

Strictly our choice of varieties in good assortment, \$2.00 per 100, \$17.00 per 1000.

The STORRS & HARRISON CO.

PAINESVILLE, OHIO.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

To gain his ends
In life's fierce tussle,
Man's two best friends
Are hope and hustle.

—Benedict.

At Chicago.

The first game of the convention tournament series was rolled at Benzinger's alleys during the evening of May 9. The following are the scores:

Player.	1st.	2d.	3d.	4th.
C. Balluff	122	125	170	202
Asmus	219	183	168	155
P. Hauswirth	118	142	182	160
Klunder	140	111	112	103
J. Degnan	152	136	184	142
Bergman	146	164	188	174
V. Krietling	134	175	117	177
Stevens	171	190	129	200
E. Winterson	108	157	131	141
Geo. Scott	177	117	145	136
L. Winterson	75	95	98	119

In the ladies' series the following scores were made:

Mrs. Always	104	102	100
Mrs. Stollery	75	64	67
Mrs. Asmus	93	75	108
Mrs. Krietling	126	89	114
Mrs. Scott	94	82	85
Mrs. Hauswirth	121	99	78

At Philadelphia.

As convention time approaches, the boys begin to think of Washington and incidentally of the bowling tournament which helps to enliven the occasion. A committee recently appointed by President Westcott has inaugurated a tournament among the club members, which acts as a tryout for the players and at the same time awakens an interest in the game. Six teams of five men each have entered and there are three matches a week, two teams bowling Monday, Wednesday and Friday.

The schedule is as follows: May 3, Eimerman vs. Connor; May 5, Yates vs. Dunham; May 8, Robertson vs. Moore; May 10, Eimerman vs. Dunham; May 12, Yates vs. Moore; May 16, Robertson vs. Connor; May 17, Eimerman vs. Yates; May 19, Dunham vs. Moore; May 23, Robertson vs. Yates; May 24, Eimerman vs. Moore; May 26, Dunham vs. Connor; May 29, Robertson vs. Eimerman; May 31, Connor vs. Yates; June

2, Connor vs. Moore; June 5, Dunham vs. Robertson.

The scores of the first two matches follow:

EIMERMAN'S TEAM.			
Player.	1st.	2d.	3d. Total.
Eimerman	206	177	173 556
Kift	150	134	163 447
Baker	147	173	171 491
Craig	156	166	146 468
Hanna	173	154	207 534

CONNOR'S TEAM.			
Player.	1st.	2d.	3d. Total.
Dungan	140	146	144 430
Dodds	133	146	164 443
Polites	165	176	186 527
Connor	193	200	234 607
Harvey	145	145	145 435

YATES' TEAM.			
Player.	1st.	2d.	3d. Total.
Yates	154	145	153 452
McCauley	145	164	152 461
Merbitz	148	155	116 419
Hatterlock	145	145	145 435
Holmes	134	142	168 444

DUNHAM'S TEAM.			
Player.	1st.	2d.	3d. Total.
Westcott	136	187	150 473
Harris	167	137	147 451
Hoffman	124	152	155 431
Gardner	171	139	141 451
Dunham	133	201	139 473

San Francisco.

The two large new greenhouses on the James L. Flood estate are completed and Harry McLain, the general foreman of the greenhouses, is planting one house in carnations and one in roses.

Otto Haefner has resumed his old position as foreman of M. Lynch's range of glass at Menlo Park.

Frank Mills' establishment at Palo Alto has changed the firm name to that of the Palo Alto Nursery Company, a company having been formed to operate the business.

Donald McLaren, son of John McLaren, superintendent of Golden Gate park has returned home after a three years' sojourn in Japan and China.

J. W. Shanahan has withdrawn from the floral company bearing his name and is now located in Sacramento.

New stores are J. Eppstein in the St. Francis hotel and Miss L. Woslenberg at 1150 Geary street.

Emil Serveau is preparing to occupy his summer residence at Portola.

NORMA.

New Orleans.

MARKET STRONG.

With beautiful weather during the week and on Easter, the florists did a good business. Although outside of lilies and lily of the valley only a few fancy flowering plants are at present forced by local growers, nearly every

plant in bloom, no matter what variety, brought a good price. The lateness of Easter caused the best of the flowering plants to be out of season, but the immense shipments of Chicago cut flowers more than made up for the deficiency. Lilies and lily of the valley led the demand for cut flowers, followed by roses and carnations. Bulbous stock was somewhat of a drag. The week following Easter was also a busy one, the usual number of after-Lenten weddings serving to keep trade above the standard.

GARDEN CONTEST.

An interesting feature the past week was a garden contest in which many of the owners of private gardens entered. The prizes were awarded in the order of the following list:

Class A. Lorenz Fabacher, H. Kraeck, gardener. Cash prize donated by McGregor Brothers; Mrs. J. Richardson, James Grant, gardener. Prize donated by E. Valdejo, plants.

Class B. Mrs. Leon Godcheaux, H. Eiler, gardener. Cash prize donated by McGregor Brothers, Springfield, O.; Julius Weis, Batisto, gardener. Prize donated by J. A. Newsham, plants; M. H. Wisdom, C. R. Panter, gardener. Prize donated by U. J. Virgin, plants; Mrs. Mayer O'real, C. R. Panter, gardener. Prize donated by Abele Brothers, palm.

Class C. Miss Alma Brennan. Prize donated by Metairie Ridge Nursery Company.

NOTES.

On April 30, the members of the New Orleans Horticultural Society were entertained at a dinner at A. Alast's country home, Roseville. In the name of the society, C. W. Eichling presented the host and hostess with a splendid dinner set. The time in the evening was taken up by music and dancing.

U. J. Virgin had a beautiful window display in white and green, representing an Easter wedding decoration. He disposed of his own grown stock besides a large shipment of cut flowers from Chicago.

A general report from the various establishments throughout the city show business to have been satisfactory in the majority of cases.

W. Rehm's window was very handsomely decorated in white and yellow, with large clusters of lilies and callas in the center.

Visitors: H. Cheeseman, of Vaughan's Seed Store, Chicago; William Smith, representing the Leonard Seed Company, Chicago. CRESCENT.

BENTON HARBOR, MICH.—The Crooks plant has recently been enlarged and now occupies a space of 75x75 feet.

WE CAN SUPPLY OUR OLD CUSTOMERS WITH Grandiflora Cape Jessamine Buds

FOR

DECORATION DAY

And Solicit Inquiries From Those Who Have Never Had Our Stock Direct From Us.

Season Opens May 15 and Extends to June 15.

STANDARD PACK, 75c PER 100; \$6.50 PER 1000; 500 AT THOUSAND RATE.

C. W. BENSON, Alvin, Texas.

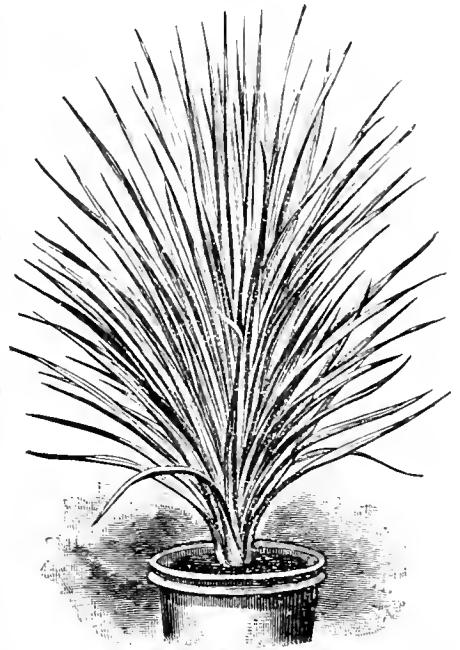
We Want to Move

THE FOLLOWING STOCK WHICH IS IN FINE CONDITION.

Variety.	Size	Height	Leaves	Each	Dozen	100
Kentia Belmoreana.....	3½	12-14	5-6		\$ 2.00	\$15.00
" ".....	4	15-17	5-6		3 00	25.00
" ".....	6	24-26	6-7	1.50	18.00	.....
" ".....	7	34 36	6	2.50	30.00	.....
" ".....	10	46-50	7-8	7.00	.....	.....
Kentia Forsteriana.....	6	28-30	5	1.25	15 00	.....
" ".....	7	32-36		2.60	24.00	.....
" " single.....	8	34-38	5-6	2.50	30.00	.....
" ".....	10	48-56	6-7	7.00	.....	.....
Lantana Borbonica.....	3				1 00	7.00
" ".....	3½	11-13	4-5		1.50	12.00
" ".....	8	30-34	7-8	1.25	15.00	.....
Phoenix Canariensis.....	8	38-42	10-12	3 00	.....	.....
Ficus Elastica.....	4	10-12		.25	3 00	.....
" ".....	5	16-20		.35	4.50	.....
Araucaria Excelsa.....	4	trs.	2-3	.50	6.00	.....
" ".....	5	trs.	3-5	.75	9 00	.....
" ".....	6	trs.	3-5	1.25	15 00	.....
" Compacta.....	6	trs.	3	2.00	.....	.....
Cocos Weddelliana.....	3				2 50	.....
Pandanus Urtis.....	3				2.0	.....
" ".....	5				5 00	.....
" ".....	6				9 00	.....

Variety	Size	Each	Dozen	100
Poa Triv. Var., for ferneries.....	3	.....	\$ 3.00	.....
Crotons.....	3	\$1.50	.....	.....
" ".....	4	3 00	.....	.....
Cibotium Scheidii.....	6	1.50	18 00	.....
" ".....	7	2 00	24.00	.....
Adiantum Cuneatum.....	4	1.50	12 00	.....
" ".....	5	2 00	15.00	.....
Dracaena Fragrans.....	4	3.00	.....	.....
" ".....	5	5 00	.....	.....
" ".....	7	9 00	.....	.....
Dracaena Massangeana.....	5	\$1.00	\$12.00	.....

Variety	Size	Each	Dozen	100
Asparagus Plumosus.....	2	.....	\$ 3.00	.....
" ".....	3	.....	1.00	8.00
" ".....	4	.....	1.50	12.00
" Sprengeri.....	3	.....	.75	6.00
" ".....	4	.....	1.50	10.00
" ".....	5	.....	2 00	15.00
" ".....	6	.....	3.00	20.00
Dracaena Ter., height, 22-24.....	6	.75	9.00	.....
Fittonia Verschaffeltii.....	2	.....	\$5.00	.....



DRACAENA INDIVISA.

Variety	Size	Each	Dozen	100
Cobaea Scandens.....	4	.....	\$1.00	\$5.00
English Ivy, fine long vines.....	4	.....	1.50	12 00
Dracaena Indivisa.....	4	.....	1.50	10.00
" ".....	5	.....	3.00	.....
" ".....	6	.....	5.00	.....
Maranta Massangeana.....	2	.....	.....	5.00

We have a fine lot of Dracaena Indivisa as quoted in List.

The GEORGE WITTBOLD COMPANY, 1657-1659 Buckingham Place, CHICAGO.

SPECIAL OFFER. ROSES

Having disposed of my greenhouses I offer stock as follows for the next thirty days, viz.:

8,000 Large Clumps, ASPARAGUS PLUMOSUS.....	Per 100	\$10.00
5,000 2½-inch SPRENGERI, very large stock.....	2.00	
500 6-inch SPRENGERI.....	10.00	
1,000 3 year old grafted KAISERINS, in 6-inch pots, now in bud, ready to plant out and produce fine flowers for summer cutting having been dormant all winter.....	15.00	

CASH MUST ACCOMPANY ALL ORDERS.

SAMUEL J. BUNTING, Elmwood Ave. & 58th St. PHILADELPHIA, PA.

Please mention the American Florist when writing.

DAHLIA KAISERIN AUGUSTA VICTORIA:

The Best White Dahlia in Existence. My own importation. I control the entire stock of it. Flowers double, of the purest white, 4 to 5 inches in diameter. A wonderful bloomer. Stems, 12 to 18 inches long. Plants 3 to 3½ feet high. The finest plants from cuttings. Good strong stock from 2½-inch pots, \$3.00 per doz.; \$20.00 per 100. Delivery May 1st. Orders filled in rotation. Early booking suggested. Highly commended by the American Institute and the New York Florists' Club. Address

A. L. MILLER, Jamaica Ave., Brooklyn, N. Y.

Please mention the American Florist when writing.

New Dahlias of Proved Merit.

Embracing a complete set of 12 New Century Dahlias; 25 New Cactus Dahlias; New Collarette Dahlias; New Giant-Flowered Dahlias; New Fancy Dahlias; New Decorative Dahlias; New Show Dahlias; New Single Dahlias. In all, 38 of the most wonderful Single Dahlias ever produced, and 44 of the grandest Double Dahlias.

All exquisite in form, shape and coloring; free bloomers and Money Makers. Faithfully and truthfully described in our new illustrated descriptive catalogue, mailed free upon request.

L. K. PEACOCK, Inc., Atco, N. J.

Please mention the American Florist when writing.

FORCING LILACS.

Best German Pot-Crown in white and blue sorts; also the field-grown Paris de Marly, imported to order, for fall delivery. Let us appraise your wants.

AUGUST RÖLKER & SONS, 31 Barclay St., NEW YORK, P. O. Box 752

Own Root Stock, 2½-inch Pots. Per 1000

Bride, Bridesmaid and Meteor.....	\$30.00
American Beauty.....	50.00
Liberty.....	40.00

Not less than 250 at 1,000 rates.

Bedding Plants.

We also have a fine lot of Double and Single Petunias, Salvias, Coleus, G. Bedder, Verschaffeltii, Dwarf Lantanas, Achyranthes, Vinca, Lobelia, Cannas, Dracena Indivisa. Write for varieties and prices.

Chrysanthemums.

2½-inch Pots.	Per 1000
Glory of Pacific, Polly Rose.....	\$2.50
Alice Byron, Lady Harriet, Pink Ivory, White Ivory, J. K. Shaw, Harry Parr, White Bonaffon, Cobb and Maude Dean.....	3.00
Robert Halliday, Yellow Queen, Chadwick, Golden Beauty, R. E. Richardson, Nagoya.....	4.00
Josephine, a grand midseason yellow.....	6.00

NEW VARIETIES. 2½-inch pots.

We recommend these three grand varieties: Chatauqua Gold, yellow, midseason, fine 8.00 Dr. Enguehard, Wm. H. Duckham.....10.00

Lakeview Rose Gardens, Jamestown, N. Y.

Please mention the American Florist when writing.

Carnations ROOTED CUTTINGS.

WHITE.	Per 100	Per 1000
Chicago White.....	\$12.00	\$100.00
Boston Market.....	2.50	20.00
Flora Hill.....	1.00	9.00
Queen Louise, Peru.....	1.00	9.00
RED.		
Estelle.....	2.50	20.00

SCARLET.	Per 100	Per 1000
Richmond Gem.....	\$10.00	\$75.00
Crusader.....	5.00	45.00
Adonis.....	2.50	20.00
PINK.	Per 100	Per 1000
Phyllis.....	\$12.00	\$100.00
Indianapolis.....	5.00	45.00

PINK.	Per 100	Per 1000
Nelson.....	\$ 1.50	\$12.50
Lawson.....	2.00	15.00
Morning Glory.....	1.50	12.50
Higinbotham.....	1.00	9.00
Guardian Angel.....	1.00	9.00

ROSES. 2 1/2-inch pot plants.

Richmond.....	Per 100	Per 1000
Rosalind Orr English.....	\$50.00	\$250.00
Perle von Godesberg.....	25.00	200.00
	5.00	40.00

Liberty.....	Per 100	Per 1000
American Beauty.....	\$ 5.00	\$45.00
La Detroit.....	5.00	40.00
	6.00	50.00

Bridesmaid.....	Per 100	Per 1000
Bride.....	\$ 3.00	\$ 25.00
Ivory, Perle.....	3.00	25.00
	3.00	25.00

AM. BEAUTY BENCH PLANTS, per 100.....\$5.00; per 1000.....\$40.00

CHATENAY, UNCLE JOHN and KAISERIN reduced to \$3.00 per hundred; \$25.00 per thousand.

All plants and rooted cuttings sold under the express condition that if not satisfactory they are to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave., CHICAGO.

Please mention the American Florist when writing.

Seasonable Stock. SPEAK QUICK.

- 5,000 Heltotrope, dark and light blue, 2 1/4-inch, \$2.50 per 100.
- 2,000 Scarlet Sage, 2 1/4-inch, \$2.25 per 100.
- 1,000 Vinca Maj. Var., 4-inch, 8c; 2 1/4-inch, 3c.
- 500 Eucnymus, variegated, 4-inch, 8c.
- 1,000 Boston Ferns; 2 1/4-inch, fine, 4c.
- 500 " " 4-inch, 12c.
- 500 Pteris, 3-inch, 10c.
- 25 Scottt Ferns, 6-inch, 75c.
- 100 " " 4 inch, 40c.
- 1,000 Ageratum, Stella Gurney and White Cap, 2c.
- 1,000 Shasta Daisy, 2 1/4-inch, \$3.50 per 100.
- 1,000 Clematis Paniculata, 3-year vines, 10c.
- 500 " " Jackman, 2-year, 20c.
- 1,000 Ampelops Vitic, 2 year, field-grown 8c.
- 2,000 " " Pot-grown, long tops 4c.
- 1,000 English Ivy, long tops, 6c.
- 2,000 Verbenas, Seedlings, separate colors, \$1.00 per 100.
- 1,000 Geranium, Red Grant Geraniums, 3 1/4-inch, 5c; 2 1/2-in-h, \$2.50 per 100.
- 1,000 Geraniums, Rose and Balm, 3c.
- 5,000 Chrysanthemums, Duckham and Enguehard, 2 1/4-inch, 5c. Send for list.
- 10,000 Pint'd Cannas, \$6.00 per 100. Send for list.
- 5,000 California Privet, 2-year-old transplanted 3 to 3 1/4-inch, \$3.00 per 100.
- 20,000 Carnations from flats, hardened off and ready to plant. Queen Louise, \$2.00 per 100; \$20.00 per 1000. Joost, \$1.50 per 100; \$15.00 per 1000. Prosperity, \$2.50 per 100 only.
- 5,000 Mixed Cannas for massing, \$1.50 per 100.
- 5,000 Shrubs and Vines. Send for list. Cash.

BENJAMIN CONNELL, WEST GROVE, PA.

Chrysanthemums.

New and Standard Varieties.

Fine plants, now ready. 2 1/2-inch pots.

Write for List and Prices.

H. WEBER & SONS, OAKLAND, MD.

All Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the "Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the Horticultural traders; it is also taken by over 1000 of the best continental houses. Annual subscription to cover cost of postage 75c; Money orders payable at Lowdham, Notts.

Address **EDITORS OF THE "H. A." Chitwell Nurseries, LOWDHAM, Notts, England.**

READY NOW

Gen. MacArthur.

THE most prolific flowering Red Rose in the market to-day. Grows finely in same temperature as Brides or Maids, and will produce fully as many first-class flowers as either.

2 1/2-inch Pot Plants, own roots.....\$10.00 per 100, \$80.00 per 1000
Strong Grafted Stock from 3-inch pots.....\$12.00 per 100

The STORRS & HARRISON CO.

PAINESVILLE, OHIO.

Please mention the American Florist when writing.

Geraniums

My selection, 3-in. pots.....	Per 100	\$5.00
Alternantheras, red and yellow.....	2.00	
Asp. Plumosus Nanus, 2 1/4-in. pots.....	2.00	
" " Seedlings.....	1.50	
Asp. Sprengeri, ready July 1.....		
Smitax, ready in June.....	1.25	

CASH or C. O. D.

JOS. H. CUNNINGHAM, Delaware, Ohio.

Please mention the American Florist when writing.

COLEUS....

12 varieties, 2 1/4-inch pots.....	Per 100	\$2.00
Petunias, seedling, 2 1/4-in. pots.....	3.00	
Centaurea Cymnocerps.....	2.00	
Primroses, Chinese, Obconlca and Forbesi July 1.....	2.00	
Pansy Seed, ready in July, \$4.00 per oz.		

WHITE LAWSON which we introduced last season has given great satisfaction, and has proved to be the finest white carnation ever sent out. Remember we are headquarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now banking orders for early January delivery. Orders will be filled strictly in rotation as received, so the earlier orders are booked the earlier deliveries can be made. We can supply first-class strong rooted cuttings. \$7 per 100; \$60 per 1000. Also the other novelties of the season—Fiancee, Cardinal, Fred Burki etc. Also the cream of older sorts—Mrs. M. A. Patten, Dahsim, Enchantress, Flamingo, Mrs. Thos. W. Lawson, etc.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Chicago Carnation Co. JOLIET, ILL.

Our plants are now in the field. Write us for Fall delivery.

Please mention the American Florist when writing.

Plants....

Cabbage, Tomato, Celery, Egg Plants, Pepper, Verbena and Pansy Plants by the 100 and 1000. Write for prices.

G. O. WILLIAMS, 99 Water Street, BATAVIA, ILL.

Please mention the American Florist when writing.

AMERICAN FLORIST ADS ALWAYS DO BUSINESS

Week days and every day, Sundays and holidays,

ALL OVER THE COUNTRY AT HOME AND ABROAD.

Syracuse, N. Y.

The weather following Easter was so cool that it held back a lot of stock that would otherwise have spoiled. This enabled the florists to dispose of it to advantage. For the past few days the weather has begun to warm up and the bedding season has opened. The season for pot tulips is over. Prices have dropped since Easter, and carnations are now selling for 50 cents to \$1, and roses from \$1 to \$2.50. The stock of plants left over from Easter has been gradually disposed of at slightly reduced prices. The weddings from now until June 1 will keep the florists busy, and a large number of June weddings are scheduled.

One of the local growers has raised havoc with the pansy market by bringing in large offerings at 25 cents a dozen when the regular price is 50 cents. He explains his ability to undersell by saying that his wife grows all the pansies, and what he gets for them is clear profit. The rest of the dealers say they will have to go out of the pansy business if they have to compete with the women who value their time and labor at nothing.

Henry Morris says that in the decorative departments there is a disposition to cut prices in face of the fact that this is not a profitable department anyway.

P. R. Quinlan & Company have some excellent sweet peas on sale, and have several orders for beds.

Wheaton & Hencle have had a quantity of funeral work and are starting in the bedding season. A. J. B.

Grand Rapids, Mich.

As stated in these columns last week, this city and vicinity was visited by a most destructive hailstorm May 4, the only one of serious proportions that has passed over this section of the state in greenhouse times. The storm entered the city from the southwest and went diagonally over it, taking almost every pane of glass in its course. The entire damage to the city is estimated at \$50,000. Single hail stones were measured by many and they ranged from one inch to three inches in diameter.

Eli Cross lost 300 boxes of glass and estimates his entire loss at \$4,000, as the plants were cut to pieces by the falling hail and glass. This loss covers about one-fifth of his glass.

Peter Kunst, on Union street, lost 300 boxes of glass, four-fifths of his entire place. Hundreds of plants here were totally destroyed and the entire loss is estimated at \$5,000.

The Stover Floral Company, in Grandville, lost 400 panes of glass, the damage being estimated at \$50.

The Park Floral Company and the City Greenhouses lost to the extent of \$100 each.

Charles Morton and Charles Gould vegetable growers, lost four-fifths of their glass.

Every greenhouse man in this section is talking hail insurance now. S.

FREEPORT, ILL.—Louis Bauscher, who has done much for the public park and grounds of this city, was elected alderman at the recent election. Mr. Bauscher has been appointed chairman of the committee on public grounds.

RED SPORT.

The great Christmas "Hollyberry" red Carnation. Most profitable red ever introduced, and an easy doer; everybody can successfully grow it. Strong plants from 2 1/4-in. pots, ready to plant in field or on bench inside. \$6.00 per 100; \$50.00 per 1000

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

The Beautiful Pink Carnation

CANDACE

\$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Dissemination 1906. Early commercial.

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ASPARAGUS PLUMOSUS NANUS SEED.
New crop, \$1.50 per 1000. **Smilax Seeds**, \$1.00 per pound. Cash with order.
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Extra fine stock, in bud and bloom. \$1.25 per 100, \$12.00 per 1000.

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Fine young plants, \$10.00 per 1000.

ZAMIA INTEGRIFOLIA.....\$12.00 per 1000
Send Money Order on Little River, Fla.
Send for price list.

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Pink flowers, 2-in. pots..... \$10.00 per 100

Crassula Coccinea.

Scarlet flowers, 2-in. pots.....\$15.00 per 100

Both are novelties of exceptional merit in Easter flowering plants. The stock will make specimens for next season.

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Flushing, L. I., N. Y.

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EXTRA FINE HEALTHY PLANTS. FREE FROM MILDEW.

LIBERTY, rose pots, \$15.00 per 100; 3 1/4-inch pots, per 100..... \$ 16.00
BRIDES, BRIDESMAIDS, GOLDEN GATES, KAISERINS, rose pots, \$10.00 per 100, \$95.00 per 1000; 3 1/4-inch pots, \$15.00 per 100, per 1000..... 145.00

500,000 VERBENAS 60 Varieties.

PERFECTLY HEALTHY. IN BUD AND BLOOM.

2 1/4-in. pots, our selection.....\$2.50 per 100; \$20.00 per 1000
2 1/4-in. pots, purchaser's selection..... 3.00 per 100; 25.00 per 1000

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VERSCHAFFELTH, GOLDEN BEDDER, FIREBRAND, rooted cuttings, 75c per 100; per 1000.....\$6.00

SEND FOR PRICE LIST.

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CRASSULA HYBRIDA

Will make a Standard Easter Plant. Its keeping qualities are above any other kind of flowering plant at present grown. Sample plants in bloom, \$1.50 each; \$15.00 per doz. Young stock, 2 1/4-inch pots, able to make good plants for next season, \$3.00 per doz.; \$15.00 per 100. CASH WITH ORDER.

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La Detroit, 3-in.....	\$8.00 per 100
American Beauty, 3-in.....	6.00 per 100
Perle, 3-in.....	5.00 per 100
Mme. Chateau, 3-in.....	5.00 per 100
Bride, 3-in.....	4.00 per 100
Bridesmaid, 3-in.....	4.00 per 100
Sunrise, 3-in.....	4.00 per 100

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Little Gem Alyssum, in bud, 2 1/4-in.....	\$2.10
Cobaea Scandens, 3-in. strong.....	3.50
Forget-me-nots, 2 1/4-in.....	2.00
Cupress, 2 1/4-in.....	3.00
German Ivy, 2 1/4-in.....	3.00
Nicotiana Sandera, 2 1/4-in.....	\$1.00 per doz.

Watch for Other Offerings.

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Bentley's Famous Asters, extra fine stock, from flats, \$1.00 per 100, \$8.00 per 1000; from 2 1/4-in. pots, \$2.00 per 100, \$17.50 per 1000.

Hohenzollern, Carlson's, American Branching and Queen of the Market, from flats, 60c per 100, \$5.00 per 1000; from 2 1/4-in. pots, \$1.50 per 100, \$12.50 per 1000.

Will have Primulas for July delivery. Chinese, Obconica, Forbesi and Buttercup, 2 1/4-in., \$2. Write.

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Latania Bor., 2-in. pot, seed leaves..	3.00
" " 3-in. pot, 15-18 in., 2-3 chr. lvs.	12.00
" " 5-in. pot, 18-20 in., 3-4 chr. lvs.	15.00
" " 5-in. pot, 20-24 in., 4 chr. lvs.	20.00
Kentia Bel., 2 1/4-in. pot, 8-8 in., 2 leaves..	10.00
" " 3-in. pot, 8-10 in., 3-4 leaves..	12.50
" " 4-in. pot, 12-15 in., 4-5 leaves..	18.00
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Asparagus Plumosus Nanus, 2-inch.....	2.50
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Fine large transplanted plants, prize strain of the famous large flowering Bugnots, Cassiers, Odier and Trimardeau. Stocky plants from cold frame, 50c per 100; \$3.00 per 1000. Extra large plants coming in bud, \$1.00 per 100.

Mammoth Verbenas, 60c per 100; \$5 per 1000; 2 1/4 in. pots, in bud and bloom, \$1.50 per 100; \$12 per 1000.

Daisies, dbl. white, 75c per 100; \$5.00 per 1000.

Lobelia, dwarf blue, \$1.00 per 100; in bud and bloom, 3-inch, \$4.00 per 100.

Coleus, mixed colors, 2 1/4-inch, \$1.50 per 100.

Ageratum, dwarf blue, 60c per 100.

Pansies, in bud and bloom, \$1.00 per 100.

Heliotropes, bud and bloom, 4-inch, \$6.00 per 100

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See my adv. on second cover page in American Florist of Feb. 25th.

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Rubbers, fine plants, 5 in. pots, \$3.00 per doz.

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Extra fine stock, out from bench now ready for 5, 6, 7 and 8-inch pots, at \$25.00, \$50.00, \$75.00 and \$100.00 per 100. KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS. Cash or reference please.

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WHITE LAWSON.

The king of white sorts. A strong grower and a free bloomer. We have 6000 ready to be shipped. All orders will be filled in rotation. \$7.00 per 100; \$60.00 per 1000.

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	Per Doz.	Per 100
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Pierson Ferns 2 1/4-inch 60c per dozen, \$4.00 per 100.

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Rooted 2-in. Cuttings, prepaid. Cuttings, plants Per 100 Per 1000

Ageratum, Pauline, Gurney.....	\$0.50	\$2.00
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Fuchsia, 5 kinds; Paris Delay, white.....	.75	2.00
Hardy Pinke, 8 sorts.....	.75	
Feverfew Gem; Dbl. Alyssum, Giant, white.....		2.00
Alternanthera, red and yellow.....	.50	1.50
Heliotrope, Stevia Serrata.....	.75	1.50
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Smilax Seedlings, 30c per 100; Centaurea Dusty Miller and Golden Feverfew, 60c per 100.		
Dbl. Oley, Snowball, Longfellow, wintered over, in bud and bloom, 1000 for \$2.50.		
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Ads

Orange, N. J.

The regular monthly meeting of the New Jersey Floricultural Society was held on May 5 at their rooms in Orange. Orchids of extraordinary merit were shown by Julius Roehrs, William Barr, Arthur Bodwell, gardener; Henry Graves, Edwin Thomas, gardener; roses from John Crosby Brown, Peter Duff, gardener; carnations from the Colgate's, William Read, gardener; A. C. Von Gassbeek, William Bennett, gardener; Charles Hathaway, H. Hornaker, gardener; and vegetables from Stewart Hartshorn, A. Caparn, gardener; Mrs. William Pierson, Charles Ashmead, gardener.

The topic for the evening was the discussion of a fall exhibition. It was decided to have an exhibition in a large hall if possible in November. The June meeting was appointed as a special ladies' night. Two new members were elected and two placed in nomination. After the meeting the formation of a special orchid society was discussed. The New Jersey Floricultural Society has at the present time among its members, orchidists, Dr. J. M. W. Kitchen, Lager & Hurrell, Julius Roehrs, Edwin Thomas, Arthur Bodwell, William Warner and Peter Duff, who are special growers.

J. B. D.

Oceanic, N. J.

The Monmouth County Horticultural Society held its semi-monthly meeting, May 5, in Red Men's hall, Oceanic, N. J. At this meeting William Turner presented Percy Hicks with a beautiful silver cup, the first prize for an essay on "Fruit Culture Under Glass," and H. Griffiths received the society's certificate as a second prize. The prize winners for an essay on "Chrysanthemum Culture" were announced, Harry Griffiths being first and Joseph Kennedy second. As much time was taken up by the business matters of the society, it was decided to postpone the reading of the papers until the next meeting, at which the prizes will be awarded to the winners.

The first annual rose show of the society will be held in Red Men's hall June 16, 1905.

B.

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Per 1000
 Rooted cuttings of Golden Bedder and Verschaffeltii..... \$ 6.00
 Rooted cuttings, mixed..... 5.00
 2 1/2-inch pots..... 15.00
 The above ready for shipment. Cash with the order.

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Rooted Cuttings of VIOLETS of all kinds.

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EXTRA FINE STUFF.

Geraatums, Double White, 4-in.....	Per 100	10.00	Heliolrope, 4-in.....	Per 100	10.00
Single Red, 4-in.....	8.00		Ageratum, blue, 4-in.....	10.00	10.00
S. A. Nutt, 4-in.....	10.00		Verbeas, assorted, 2 1/2-in.....	3.50	
E. G. Hill, 4-in.....	10.00		Marguerites, 3 1/2-in., fine.....	6.00	
Mme. Sallerot, 2 1/2-in.....	3.50		Marguerites, 4-in., fine.....	12.00	
Cannas, Egandale, 3 1/2-in.....	8.00		Tomatoes, fine, 2 1/2-in.....		
El. Vaughan, 3 1/2-in.....	8.00		Dwarf Champion.....		
Bouvier.....	8.00		Early Michigan.....	3.00	
Salvia Splendens, 3 1/2-4-in.....	8.00		Caladium Esculentum, 4-in.....	10.00	
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Lord Fauntleroy (new, the best of the dwarfs) 3 1/2-4-in.....	10.00				
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Coleus, Verschaffeltii, 2 1/2-in.....	3.00				
Golden Bedder, 2 1/2-in.....	3.00				
Lobelia, dark blue, 3 1/2-in.....	6.00				
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Vinca, extra strong, 4 1/2-in.....	15.00				
Nasturtium, Double Red, fine for window boxes, 3 1/2-in.....	10.00				
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From 2 1/2-inch Pots in Bud and Bloom.

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Rooted Cuttings Prepaid per 100.

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 GIANT ALYSSUM, \$1.00 per 100; \$8.00 per 1000.
 AGERATUMS, 4 var., 60c per 100; \$5.00 per 1000.
 COLEUS, 40 var., 70c per 100; \$6.00 per 1000.
 Express prepaid on all R. C. Cash with orders. Write

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Note Low Prices to Close Out.

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First-Class Stock that will please. Geraniums, Nutt, Ricard, Double Gen. Grant, Buchner and Poitevine, strong 4-in., bud and bloom, \$5.00 per 100.
 Verbenas, in bud and bloom; Salvia Splendens and Bonfire; Petunias, single fringed; Ageratum, blue; Lobelia, Alternantheras and Coleus, red, yellow and fancy mixed, all strong 2 to 2 1/2-in., \$1.50 per 100; Verbenas, Petunias, and Salvias, strong, 3-in., \$2.50 per 100; Salvias, 4-inch, \$4.00 per 100; Mme. Sallerot Geranium and Heliolrope, in bud and bloom, strong, 3-in., \$3.00 per 100; German Ivy and Mme. Sallerot Geraniums, strong, 2 in., \$1.75 per 100; Begonia Vernon, strong, 2 in., \$2.00 per 100; Begonia Vernon and Geraniums, strong, 3-in., ready end of May, \$3.60 per 100, Dracaena Indivisa, strong, 5-in., \$1.50 per doz.; Cannas, in variety, strong, 4-in., \$5.00; mixed, Frenon, \$4.00 per 100; Vinca Variegata, 4-8, strong vines, 4-in., \$7.00 per 100.
 CASH. All orders shipped the day received at special rate. WM. HERZOG, Morris Plains, N.J.

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White—Estelle, Midge, Bergmann, White Bonaffon, Ivory, Mrs. J. Jones, Mrs. Robinson, Doane, J. C. Andrews, Timothy Eaton. Yellow—Yellow Eaton, Col. Appleton, Pennsylvania, Golden Wedding, Maj. Bonaffon. Pink—Glory of Pacific, Ivory, Vivand-Morel, Mrs. Perrin, Liger, Maud Dean. 'Mime all kinds, 2-in., \$2.50, except Eaton, \$5.00. All kinds R. C., \$1.50, except Eaton, \$3.50.

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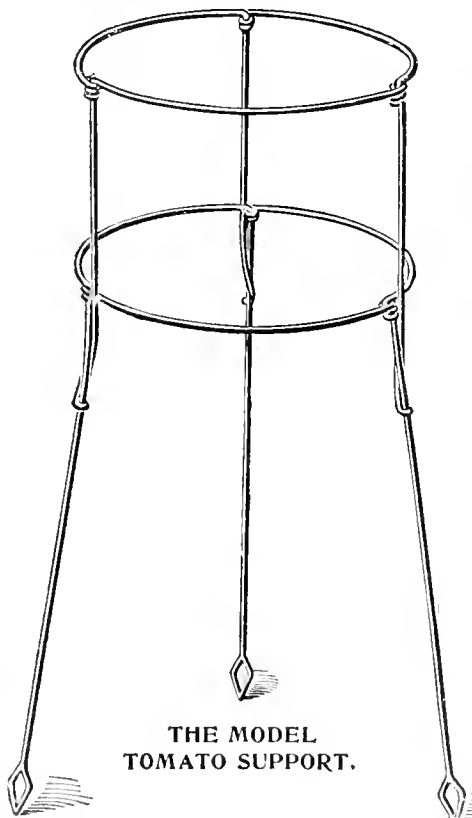
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Height complete.....34 In.
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Diameter of circle.....14 In.

MODEL CARNATION SUPPORTS, GALVANIZED ROSE STAKES and TYING WIRE.

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HAMMOND'S SLUG SHOT FOR POTATO BUGS AND CURRANTS.

TO THE EDITOR OF AMERICAN GARDENING:

In your issue of June 18, on page 399, I found a good article on the Colorado Beetle or Potato Bug. For the benefit of your numerous readers I would advise them to try **Hammond's Slug Shot**. I have used it here this season, with excellent results, on Potatoes, Egg Plants, Cucumbers and Squash,—for Potato Bugs, and also for Striped Beetles, and it is the best remedy I know of, simple and effective. I purchased two of the **Dusters** which he advertised in your paper, and they are very useful articles. The best time to dust the plants is early morning, as the substance adheres much better when the dew is on. A light dusting is sufficient, and woe betide the bugs or the larvæ. Once they get a taste of it they shrivel up right away.

Sold by Seed Dealers and Merchants all over America.

GEORGE STANDEN, Gardener to Col. D. S. Lamont, Millbrook, N.Y., 1904.

Send for Pamphlet on Bugs and Blights to BEND. HAMMOND Fishkill-on-Hudson, N. Y.

CUT FLOWER BOXES

WATERPROOF Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

Size No. 0.	3x 4x20	.....	\$2.00	\$19.00
" 1.	3x 4 1/2 x 16	.....	1.90	17.50
" 2.	3x 6x18	.....	2.00	19.00
" 3.	4x 8x18	.....	2.50	23.00
" 4.	3x 5x24	.....	2.75	26.00
" 5.	4x 8x28	.....	3.00	28.50
" 6.	4x 8x28	.....	3.75	36.00
" 7.	6x16x20	.....	5.50	54.00
" 8.	3x 7x21	.....	3.00	28.50
" 9.	5x10x35	.....	9.50	69.00
" 10.	7x20x20	.....	9.50	67.50
" 11.	3 3/4 x 5 x 30	.....	3.00	28.50

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

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Standard Pots which for strength and porosity combined are the best on the market. Please mention the American Florist when writing.

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FULL SIZE AND WIDE BOTTOMS. BULB PANS AND AZALEA POTS.

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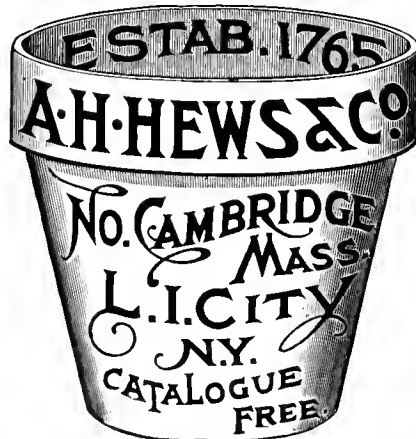
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Price with wire chain as shown in cut, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

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Packed in small crates, easy to handle.		
Price per crate	Price per crate	
1500 2-in., in orate, \$4.88	120 7-in., in orate, \$4.20	
1500 2 1/2 " " 5.25	60 8 " " 3.00	
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1000 3 " " 5.00	48 9-in., in orate, \$3.60	
800 3 1/2 " " 5.80	24 11 " " 3.00	
500 4 " " 4.50	24 12 " " 4.80	
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Seed pans, same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address

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ADVERTISE THEM NOW

Why can't he mind with a "Just Won't grower"

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- Kanawha Splint
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For Horticulturists and Orchid Growers.

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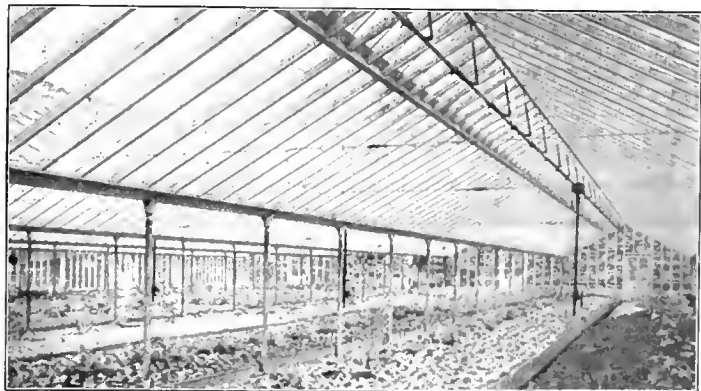
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The representative Gardening Paper of French Florists, Seedsmen and Nurserymen. Sample copies free. The largest circulation in France, Belgium, Italy and Switzerland. Twice every month. Subscription per year: With the colored plates, \$2.30; without the colored plates, \$1.20.

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Write for our New Catalogue F. Our prices may interest you.

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The actual paid circulation of the American Florist is, we believe, the largest in its class. The contents are of real present value and are preserved for reference. Advertisers who use regularly our columns establish permanent business with the best trade in the United States.

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Our Louisiana Cypress

Is thoroughly air-dried and free from sap. This is the very best material now offered to the trade for greenhouse construction.

We have the largest stock of this high-grade cypress in the North, and can promise quick service in filling all orders entrusted to us.

Estimates and designs furnished on application. We will be pleased to figure with you on your contemplated work.

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WILL KEEP SNOW AND ICE OFF YOUR GLASS.
DES PLAINES, ILL.
SEND FOR CATALOGUE.



A merizan of our Gutter is on Exhibition at the Chicago Flower Growers' Market.

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—Of Every Description—

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The Mower

that will Kill all the Weeds in Your Lawn. If you keep the weeds cut so they do not go to seed and cut your grass without breaking the small feeders of roots, the grass will become thick and the weeds will disappear.



The Clipper will do it. Ask your dealer for them. If they have not got them, below is the price: No. 1-12-in. Mower, \$5; No. 2-15-in. Mower, \$6; No. 3-18 in. Mower, \$7. No. 4-21-in. Mower, \$8. Send draft, money-order or reg. letter.

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The Standard VENTILATING MACHINERY

The original machine with self-colling cups. The most powerful, least complicated, very compact with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only Drip Proof gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its working. Catalogue free.

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King Construction Co.

NORTH TONAWANDA, N. Y. and TORONTO, ONT.

New Greenhouse Catalogue ready for distribution. Send for it.

St. Paul.

WEATHER RETARDS BUSINESS.

We have had raw and dark weather for the past couple of weeks and this is keeping things very backward. Roses and carnations, which are usually in oversupply at this season, are not very plentiful, though just about enough for demand. Spring plants are quite a little behind in most places owing to the lateness of Easter, which necessitated their being kept in the background. Business has been good generally with lots of funeral work to swell it. Roman hyacinths, Paper Whites, etc., are practically all out now. Tulips and other bulbous stock are just coming into bloom out of doors and seem very fine.

NOTES.

Carl Clarine of Clarine Brothers, Faribault, Minn., was a recent caller. He had with him a new seedling geranium of very dwarf habit, much on the order of Mme. Salleri, but with dark brown foliage, and all covered with single pink blossoms. They are figuring on disposing of the entire stock of them, as they have not the room to spare to grow any quantity of them.

Frank Gustafson, with L. L. May & Company, surprised everybody this week by announcing that he had leased Chris Hansen's plant on Dale street after June 1. He will grow roses and carnations exclusively and if he grows the same grade of stock as he has heretofore his success is more than assured. Mr. Hansen and his son will retire from the business entirely, but have not announced any plans for the future. Mr. Hansen has been one of the most successful growers in the northwest, commencing some fifteen years ago with one small house, and now retiring independent.

Fred Topel, it is understood, will have charge of May's after Mr. Gustafson leaves.

Henry Puvogel will add a couple of houses this coming summer. O.

Seattle.

Easter has been all that could be desired so far as weather and trade are concerned. We had two weeks of fine clear warm weather which brought lilies into the best possible form, and although the supply was very large, mostly all the stores were pretty well cleaned out on Saturday night. The prices were good, from 20 cents to 25 cents bud and bloom. On Sunday morning cut flowers were scarce, no roses or carnations to be had, so cut lilies sold well.

The Harrington Company had the finest display ever seen in this city in their new store at 913 Second avenue, and Manager Walz was more than pleased with the business. The lilies were from three to six feet with perfect foliage from the pot up. The Seattle Floral Company had a very fine lot of multiflorum lilies that ran from six to ten buds and sold out clean.

The Puget Sound Seed & Nursery Company has moved its nurseries from Renton to Hillside, five miles nearer town, and has thirty-six acres of fine nursery land. The company will build five houses, 50x150 feet, next month.

The Malmo Seed & Nursery Company has bought fourteen acres on Ramier boulevard, moved part of its nursery stock and is grading to build a large range of glass and storage and packing sheds.

Mrs. L. W. McCoy has bought five acres at South Park and has started a large range of glass. A. Donaghue, of Omaha, Neb., is with Mrs. McCoy.

Visitors: A. Le Cross, Everett, Wash.; L. Walmark, Everett, Wash.; G. Barker, Bellingham, Wash., and E. R. Roberts, superintendent of parks, Tacoma, Wash.

PLANO, ILL.—Charles Loveridge has taken out a permit for the erection of three greenhouses at 1013 Wisconsin avenue, adjoining his present plant. Two of these will be 25x150 feet and the third 18x67, and will be used entirely for roses.

H. M. HOOKER CO.

Window Glass, Paints and Putty.
Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.

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Toothpicks

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Sample Free. For sale by dealers.

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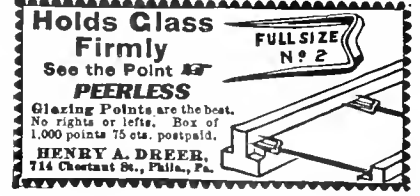
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French and American "WHITE ROSE"
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16 CAR LOADS of fine 4-inch tubes, suitable for use of Greenhouse men and Florists. They are rattled and are heavy tubes. Just what you need. We can make quick delivery. We will quote you prices if you will advise us how many you can use. We advise purchasing in carload lots, as we can make extremely low prices in quantities.

In Addition to the Above, We have For Sale Everything in the Way of SUPPLIES Such as You Are Using.

WROUGHT IRON PIPE, sizes from 3/8-in. to 14-inch.

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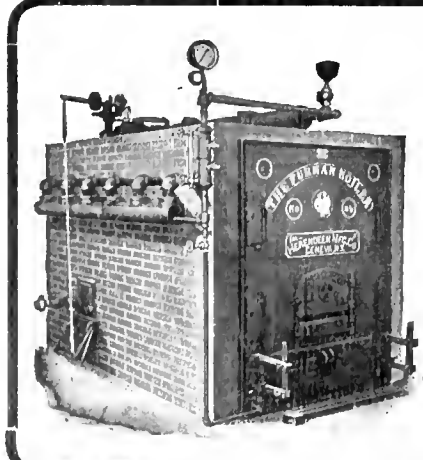
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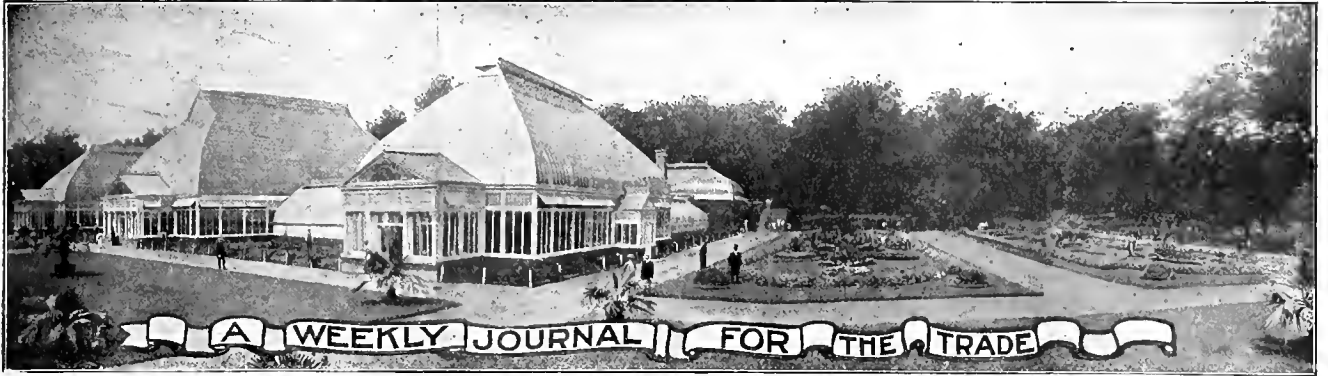
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The Pillow
Illustrated
Will Be
Robert Kift's
Subject
Next Week.

Herbaceous Plant Notes.

The past winter, although a long continued and severe one, was not very hard or trying on herbaceous plants in our vicinity, for the plants were well protected by an ample covering of snow uninterrupted by the alternate freezing and thawing so disastrous to plant life in the herbaceous border. Even among the more tender species little suffering was noticed. Young plants of acanthus, which usually need careful protection to preserve the crowns, came out uninjured. The lavender and caryopteris barely lost the tips of last year's growth, and a number of plants of Senecio pulcher, which were left out accidentally, are coming up sound and quite strong now.

But the cool weather during April has retarded and prolonged the flowering season of the earlier bloomers for days, or even weeks in some cases, so that now in the middle of May many of these are only at their best, while ordinarily at this time they are on the decline or perhaps entirely past, as the earlier primulas, which are still in fine condition. *P. denticulata* shows its numerous, globular, dense umbels, yet without signs of fading. *P. officinalis*, *P. vulgaris* in variety, have been in full bloom for weeks and are still forming new promising buds.

A hybrid primula of recent introduction, *P. arctotis*, I shall mention here. The plant somewhat resembles an auricula; the leaves are very compact, flower stems short, stout, stocky and very floriferous, bearing umbels so large and broad that the pretty foliage is almost hidden under a mass of flowers. The plants come in all shades, from creamy white through the lighter tints of yellow, to the deepest golden color, many of them showing the ring markings as seen in the auriculas in deeper shades. We have flowered this primula in the open border for three successive seasons now and I do not hesitate in the least to pronounce it a success in every respect. It is not at all difficult to handle in our climate, and even in hot weather in a prolonged dry spell the foliage does not suffer, as do many of the family, and none of these plants had at any time been treated to a watering. They were simply planted out and kept free from weeds. It blooms fully as early as *P. vulgaris* and continues in good form much longer than that species.

Anemone Pulsatilla with its violet blue, large, silky encased flowers is still an attraction in the border. It succeeds best in a dry open situation and should not be disturbed very often. *A. nemorosa*, the early wood anemone with its triple divided pretty foliage, is studded plentifully all over the patch with large, generally pure white flowers of great lasting quality. The flowers go to sleep in the evening, expanding anew as soon as daylight appears. There is a beautiful double variety of the white form with still more remarkable lasting qualities. Both succeed in a slightly shaded situation.

Adonis Sibirica, that large golden beauty, has been in flower more than a month and is still perfect, though when the warm weather sets in the petals may not adhere much longer to the disk.

Megaseas have kept their handsome, large, leathery foliage unusually perfect this winter and keep on sending out about as many flower stems as they did a month ago or more. The various shades of pink or rose, and the immense clusters in connection with the glossy foliage are decidedly attractive and showy at this time of year.

Orobus vernus is a beautiful spring flowering plant, forming a compact, well shaped round bush twelve or fifteen inches high, plentifully hung with many flowered axillary nodding clusters of a pleasing mixture of blue and purple flowers with reddish veins. It is an old deserving plant but not commonly met with.

Caltha palustris monstrosa-pleno showed the first globular, golden yellow flowers during the first week in April and is now perhaps at its best. A moist spot in the border is perhaps most suitable for this plant, but a half shaded position in ordinary garden soil will answer as well.

Erica carnea is but little grown, though when once fairly established it is there forever and blooms abundantly from the time the snow leaves the ground until June. The buds form on the upper part of the new growth in autumn and are never hurt by the frost. Some of the pretty reddish pink flowers may even open out during a mild spell in midwinter and be snowed under, but come out bright and sound again as soon as the covering of snow disappears. There is also a white form equally good.

Epimediums are dainty plants with

delicate graceful foliage interspersed with curiously shaped, most attractive flowers, variously colored as to species or variety. Their flowering time is early spring, but they are still in perfection.

Aubrietia deltoidea is seen at its best during the month of May, though usu-

notice of the members by Dr. N. L. Britton. The plant is a native of Honduras, and is said to be the only American *dracæna*. It was stated to be a rapid grower, and of a nature which would commend it as a commercial plant. The plant exhibited had been grown from seed in one of the green-

Whitestone, N. Y., showed four fine specimens of *Crassula hybrida coccinea*.

The F. R. Pierson Company of Tarrytown, N. Y., had a group of foliage and flowering plants, embracing rhododendrons, gardenias, Baby Rambler roses, lilies, cannas, geraniums, begonias, crotons, deutzias, kentias, dracenas and variegated rubbers. The same concern showed fine collections of tulips, narcissi, carnations, cut flowers from hardy shrubs, and a group of rhododendrons in the center of a collection of *Nephrolepis elegantissima*, *N. Scottii* and *Adiantum Croweanum*. Lager & Hurrell staged a fine collection of orchids, both cut and in plants. A group in the class calling for not more than ten distinct species or varieties without duplication was made with *Cattleya Skinneri*, *Cattleya Dowiana*, *Cattleya Mossiae*, *Cattleya gigas*, *Cattleya Gaskelliana*, *Dendrobium infundibulum*, *Dendrobium Thyrsiflorum*, *Vanda teres*, *Oncidium speciosa* and *Oncidium flexuosum*.

The Julius Roehrs Company as usual also made a very fine exhibit of orchids. The group collection comprised *Phaius Marthæ*, *Odontoglossum crispum*, *Oncidium unguiculatum*, *Cattleya Mossiae*, *Lælia purpurata*, *Cypripedium Rothschildianum*, *Miltonia vexillaria*, *Epidendrum Randii*, *Acineta Barkeri*, and *Phalænopsis amabilis*.

Siebrecht & Son, New Rochelle, N. Y., staged a good collection of cut hardy flowers.

British Trade Topics.

A. F. Dutton, of Iver, Bucks, who in recent years has come to the front as a carnation grower, has lately obtained an award of merit from the Royal Horticultural Society for Harlowarden, which is included in his extensive stock. Mr. Dutton does not believe in having a big list of varieties to confuse intending purchasers. Among the carnations he confines himself to twenty sorts, which, after trial have been found to be the freest in the non-bursting calyx, long stems and fragrant perfumes. He considers *Enchantress* to be the best carnation of recent introduction. He also



EXHIBITION OF THE HORTICULTURAL SOCIETY OF NEW YORK.

(*Rhododendrons*, *Nephrolepis Piersoni elegantissima*, *N. Scottii*, *N. Westoni* and *Adiantum Croweanum* exhibited by the F. R. Pierson Company, Tarrytown, N. Y.)

ally beginning to bloom early in April. The plants are a perfect mass of flowers at present, carpet-like sheets of color covering the ground completely. Varieties differ in color and shades from pale lilac to deepest purple and blue, also various shades of rose to crimson pink.

The *aubrietias* succeed in any ground but prefer a sunny open situation and do best when left alone for years. We have several patches which were not disturbed in any way for at least twenty years, and these patches originated from a small single plant, covering now several yards with a dense, even, unbroken mat. K.

Rochester, N. Y.

Horticultural Society of New York.

The sixth annual meeting of the Horticultural Society of New York was held in the Museum building, Botanical Gardens, Bronx park, on Wednesday, May 10, and the annual exhibition in conjunction with the meeting was continued the following day. The election of officers resulted in the return of the old board, as follows: President, James Wood, Mount Kisco, N. Y.; vice-presidents, J. Crosby Brown, F. M. Hexamer, G. T. Powell, Spencer Trask and Samuel Thorne; chairman of council, N. L. Britton; secretary, Leonard Barron, 306 W. One Hundred and Fortyninth street, New York; treasurer, Fred R. Newbold, Poughkeepsie, N. Y. George C. Nash and C. Dieterich were elected members of the council, in the places of Peter Duff and P. J. Berckmans. According to the secretary's report the membership of the society was 180, and there was a balance of \$710 in the treasury. A bulletin to be issued not less than eight times a year would, it was announced, contain the proceedings of the society's meetings, and would be mailed to members.

A new *dracæna* with green foliage, named *Americana*, was presented to the

houses of the Botanical Gardens. A Mexican *opuntia*, a flower with narrow petals, was also shown. It was said the plant had been taken from the battlefield of Buena Vista, Mexico. The Australian fadeless flower was also exhibited. A lecture by S. W. Fletcher of Cornell university, on "Summer in the Fruit Garden" was given and a stereopticon used to illustrate it.

The exhibition was a good one, although perhaps hardly approaching that of the previous year. The stagings of wild flowers and flowering shrubs were somewhat extensive, and embodied some fine collections, violets in particular. The New York Botanical Gardens made an exhibit of decorative plants and flowering shrubs. Louis Dupuy of



EXHIBITION OF THE HORTICULTURAL SOCIETY OF NEW YORK.

(Miscellaneous plants exhibited by the F. R. Pierson Company, Tarrytown, N. Y.)



EXHIBITION OF THE HORTICULTURAL SOCIETY OF NEW YORK.
(Orchids exhibited by Julius Roehrs, Rutherford, N. J.)

grows large numbers of Governor Roosevelt, Fair Maid, Alpine Glow, Floriana, Mrs. T. W. Lawson, Flamingo, Mrs. Theodore Roosevelt, Melba, Nelson Fisher, J. H. Crane, Harlowarden, Harry Fenn, Adonis, Gloriana, Mrs. M. A. Patten, Lilian Pond, The Belle, Lady Bountiful and Norway.

The action brought by Ambrose & Son, nurserymen of Cheshunt, against the Great Eastern Railway Company, to which reference has been made in these columns, is now concluded. The claim was for £50 for damages sustained to two consignments of grapes sent to the firm by Lord Hastings. The fruit was so badly damaged that the plaintiffs were unable, as intended, to display it to advantage at shows at Chiswick, Cambridge and Ware. As the firm had bought the whole stock for distribution, it was contended that a serious financial loss had been sustained. The judge gave a verdict for Messrs. Ambrose for £15 and costs for the second consignment, holding that they were not the actual owners of the stock when the first lot was sent.

In the raising of new roses there is apparently no limit. William Paul & Son, of Waltham Cross, have brought out a new tea rose named Warrior. It resembles Papa Gontier, one of its parents. The delicate cherry-carmine blooms are slightly edged with a silver tint. The rose has a long stem and apparently a good constitution. Alexander Dickson & Sons, of Belfast, who have enriched the rose garden with so many welcome introductions, have introduced a new hybrid tea rose named after the Rev. David R. Williamson, a Scotch minister and author. The blooms are of a rich velvety crimson tint, shaded with maroon, and they are a splendid exhibition variety.

Some interest is being taken in trade circles by the announcement that H. D. Ladds, of Swanley, Kent, has discovered a remedy for the cucumber spot disease, which has hitherto caused a serious havoc in the large market nurseries. Mr. Ladds has undertaken to reveal his secret on payment of £1,000, and an ef-

fort is being made to secure a guarantee fund for this amount among the growers. Mr. Head, a Worthing grower, is making a similar claim, although he is more moderate in his charge for the recipe. Growers who have hitherto lost thousands of pounds, owing to the disease, will not begrudge paying Mr. Ladds the suggested amount if they can secure an effectual remedy.

The National Dahlia Society has issued a revised selection of the twelve varieties of that flower which are found especially useful on account of their good habit and stiff stem. They are as follows: Amos Perry, crimson; Aunt Chloe, deep purplish-black; Britannia, salmon-pink, shaded apricot; Countess of Lonsdale, salmon tinted carmine; Effective, amber, with rose center; Eva, pure white; Floradora, wine crimson; Mary Service, pinkish heliotrope; Mrs.

H. L. Brousson, yellow, shaded with salmon; Prince of Yellows, rich yellow; Spitfire, bright scarlet, and Spotless Queen, pure white. Arrangements are being made for the society's herb show.

Orchidists are interested in the announcement of the re-discovery of *Cypripedium Fairieanum*. In 1857 it was fairly common in this country, but has since become scarce. Recently there was only one small plant in the collection of Sir Trevor Lawrence, of Bedford, and on the continent there are four little pieces at the Jardin de Luxembourg. For many years past Messrs. Sander, of St. Albans, have had an advertisement in the Anglo-Indian papers offering £1,000 for a healthy importation. It is now announced that Messrs. Sander's enterprise has been rewarded, although it is not expected that any plants will arrive before autumn.

An important auction sale of rare duplicate orchids has been conducted by Protheroe & Morris, on behalf of William Thompson, the owner of the Walton Grange collection. The highest price was obtained for an *Odontoglossum crispum* Luciani, for which 360 guineas were paid. *Odontoglossum crispum* Thompsonianum realized 270 guineas, and the same price was paid for *Odontoglossum maculatum*, while *Odontoglossum crispum* Lindenii made 240 guineas and *Odontoglossum crispum* Solum 220 guineas.

It was only to be expected that the American carnation Flamingo, would take its place among the other leading varieties from the United States which have gained favor at our shows. Ambrose & Sons, of Cheshunt, have lately secured a certificate from the Royal Botanic Society and an award of merit from the Royal Horticultural Society for this variety.

The annual report has just been issued of the Market Gardeners' and Nurserymen's Association, which has been in existence in London since 1825. The accumulated funds exceed £4,000. A large amount of useful work in the interests of the trade has been accomplished during the year, besides granting pensions in necessitous cases.

Sutton & Sons, of Reading, have a



EXHIBITION OF THE HORTICULTURAL SOCIETY OF NEW YORK.
(Exhibited by Lager & Horrell, Summit, N. J.)

new strain of cinerarias, which are likely to be very popular. The blooms are compact, of good size and substance, with the pleasing tints of light and dark blue, carmine, pink and crimson.

W. Mauger & Sons, of Brookdale Nurseries, Guernsey, have raised a new daffodil which has been named L'Avenir. It is a large bloom of the Horsfieldii type with a bold trumpet and perianth of pale cream.

Chicago Park Notes,

WASHINGTON AND JACKSON PARKS.

The lilacs are in fine shape just now at Washington and Jackson parks. In the former Schwedler's maple with its bright foliage is very showy. The beds in front of the conservatory are being cleared for the summer stock. Pansies are already out and the plants are very vigorous, though so far they show no bloom. These plants are from seed sown in January and Superintendent Kanst claims that they are sturdier than plants carried through the winter, and that with care they will bloom the greater part of the summer.

The lawns throughout these parks are in fine condition, especially where they have been manured. The roses in both have stood through the winter very satisfactorily and give every promise of abundant bloom next month.

A German preparation of an oily character is being tried on the roads to keep down the dust. While effective, the odor is very disagreeable and it has not yet been decided as to whether its use will be continued.

The strain of calceolarias grown by Mr. Kanst, now at its best in the Washington park conservatory, is a very fine one, showing a great wealth of variety in excellent colors.

In patching the lawns dormant sod is used here with much success.

LINCOLN PARK.

Chief Gardener Frey has had an excellent display of tulips at Lincoln park this season. The principal varieties grown were La Reine, Couleur Cardinal, King of the Yellows, Keizerskroon, Joost van Vondel, Cottage Maid, Rose Grisdelin and Vermillion Brilliant. In the conservatory there has been a fine display of seedling cinerarias from crosses of *C. stellata* and *C. hybrida*. Some of these forms are very attractive and are likely to be heard of later. A nice display of orchids includes a good specimen of *Cattleya Skinneri* and there is a nice assortment of amaryllis.

Heuchera sanguinea in variety is found very useful in pots, but by all odds the most desirable pot novelty we have seen for some time is the stock, *Beauty of Nice*, sent out by Benary of Erfurt, a year or two ago, and judging from the specimens seen here, this will undoubtedly prove a most useful plant for florists and for decorative work generally. See the illustration herewith.

GARFIELD PARK.

Superintendent John Sill, at Garfield park, does not intend to do much bedding until after Decoration day, as cold weather late in May is often disastrous. His verbenas will be ready to plant in about two weeks. He has large stocks of geraniums, nasturtiums and begonias, to be used in display work about June 1.

Indoors he has been showing a large lot of fine azaleas and calceolarias. In

his orchid collection there are choice blooms on plants of *Phaius Wallichii*, *Cattleya Mossiae*, *C. Mendelii*, *C. Warneri*, *C. Harrisoniae*, and *C. Skinneri*.

HUMBOLDT PARK.

In Humboldt park tulips and pansies have been used for outdoor display. Superintendent Max Kleppin has ready for planting out about May 21 an excellent stock of geraniums in about a dozen varieties. Indoors, many anthuriums are shown in excellent shape and many fine orchids. Three specimens of *Magnolia Soulangeana* in full bloom are very attractive outdoors.

The Wittbold Sprinkler System.

Louis Wittbold of the George Wittbold Company, Chicago, is the patentee of a new sprinkler system for greenhouse and field work. The supply pipes, of any desired length, have small nozzles about three feet apart which throw a flat spray and can be directed to any position desired. By this method watering can be done evenly and thoroughly, and at a great saving of time and labor, which will undoubtedly inter-

est many growers. The Wittbold greenhouses are fitted with a complete system.

Shading and Putty.

The following method of shading is cheap, easily applied and effective: Bolted whiting mixed with a very little boiled oil and reduced with kerosene. Too much oil will make it hard to remove, while if too little is used it will wash off with the rains. Whiting costs much less than white lead, and a pound will make more shading as it is bulkier. If properly mixed it is as effective as white lead, and it does not have the bad effect of limewash on paint and putty. It can be applied with a syringe or brush as desired. This same bolted whiting should be used for greenhouse putty. If white lead and oil are first mixed to the consistency of common paint, then the whiting added and worked in until the mass can be handled, a putty will be made which is perfect for greenhouse work. It will be strong, hard and durable, but can be removed from the bars when patching without mutilating the wood. Common commercial putty is made largely of fish oil,



BENARY'S NEW STOCK BEAUTY OF NICE.

cotton oil or other adulterants, and marble dust, and is worthless for greenhouse purposes.—Journal of Horticulture.

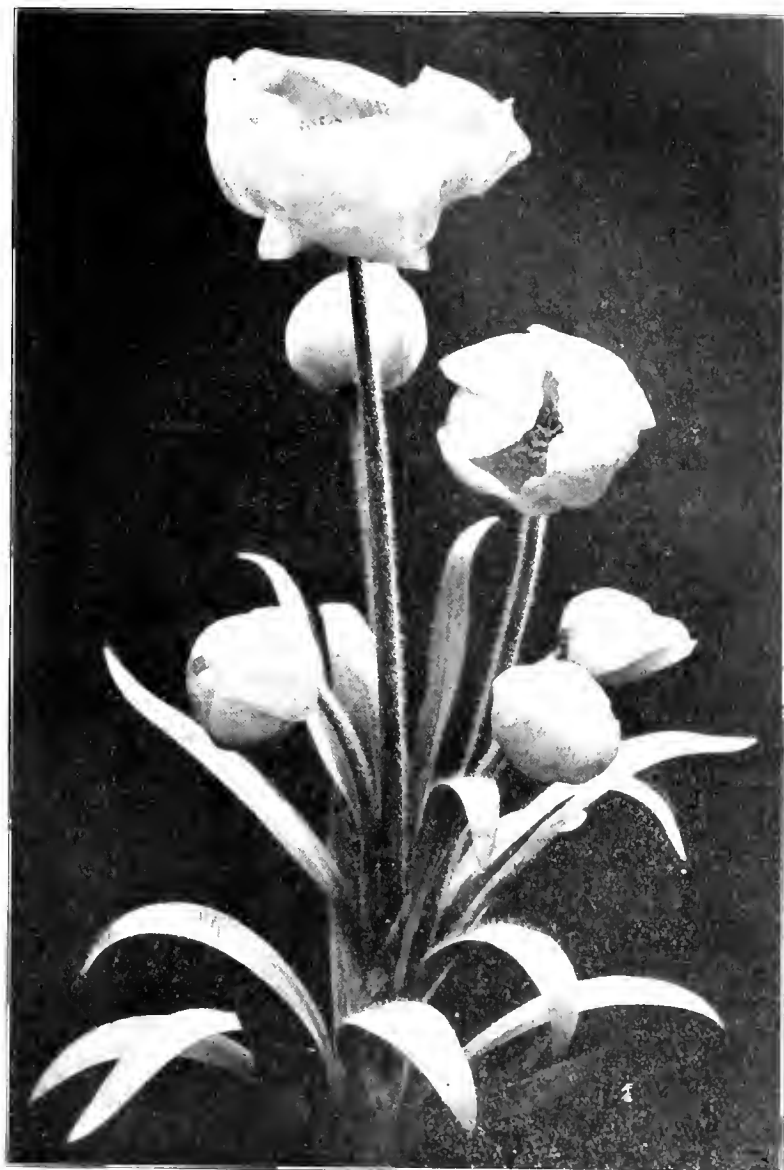
Meconopsis Integrifolia.

Horticulture is greatly enriched by the introduction of this magnificent poppy-wort, which is now established in the nursery of J. Veitch & Sons. They exhibited plants of it in flower at the last meeting of the Royal Horticultural Society, when it was awarded a first class certificate and acclaimed by experts by far the most attractive of all the hardy plants of recent introduction. The enterprising firm who dispatched a collector all the way to the mountains of Thibet to obtain this plant, and the collector, E. H. Wilson, who found and got it safely home, is to be congratulated. Writing of his travels in eastern Thibet, Mr. Wilson says:

"The highest altitude reached was 16,000 feet, which is practically the limit of vegetation seen on the more open tablelands or plateaux. The feature of these high mountains is the wealth of rhododendrons. . . . It will also interest you to learn that *Primula Japonica* is extremely common. . . . The main object of our search, the meconopsis, I found in millions. The dried material in herbaria gives no real idea of the magnificent flowers this plant has. The flowers are often eight to ten inches in diameter, of a lovely bright yellow color. I have seen as many as fifteen flowers expanded on one plant. . . . It is a common sight to see 1,000 or more in full flower together. This species is never found below 11,000 feet and 15,500 feet marks its upward limit. Treat it as a hardy moisture loving plant, give it peaty or leaf-mouldy soil and whatever you do, do not coddle it."

From its behavior under cultivation, *M. integrifolia* is a biennial, as indeed are all the meconopsis we grow, notwithstanding the botanists' statement that they are perennial. The plants grown by Veitch & Sons are from eighteen to twenty-four inches high, with a stout stem, surrounded by numerous narrow hairy leaves and bearing large drum-stick like buds and open flowers which may be likened to a trollius in shape, but in size they are as large as a man's fist, their color being the softest, most pleasing sulphur yellow. Mr. Wilson assures me that the plant will be happiest when grown in moist, well drained soil, and that it will not bear very bright sunshine.

The directions given by Messrs. Veitch & Sons, who have grown the plant most successfully, are as follows: "The best position for this plant is on the north side of a hedge, but it will also grow and flower freely in open borders. The soil in which it is planted should be open and friable, with a large proportion of peat and sand. Good drainage and ample moisture are essential. The seed germinates freely either in a cold frame or outdoors in from three to fifteen months after sowing. Planting may be done at any time. The best results so far have been obtained from plants planted out in June, and which flowered the following summer. Any attempt at any time to protect the plants is fatal. Individual flowers last on an average two to three weeks. Plants are bearing from four to eleven buds and flowers."



MECONOPSIS INTEGRIFOLIA.

This is precisely what is best for the Himalayan species, *M. Wallichii* and *M. Nepalensis*, which are grown successfully at Kew in a moist corner shaded by very tall hollies. Mr. Wilson collected a large quantity of seeds but there is every prospect that *M. integrifolia* will ripen seeds under cultivation. Of the other species of meconopsis known, the two above named and perhaps *M. punicea*, a red flowered species from China, are the best. Another good garden species is *M. heterophylla*, the California representative of the genus, which was introduced by Kew some six years ago and is now a favorite with growers of tender annuals. W.

Orchids at Newport.

Within the last few years orchids have made giant strides in popular favor and the gain they have made is perhaps more noticeable in Newport than anywhere else. Singular as it may appear until quite recently there were comparatively few places in Newport where orchids were grown in any quantity. This is the more strange when it is known that Newport is the home of

prodigality in flowers and has been such for a long time, but as was said, orchid growing was left to other places. Now this is changed to a considerable degree, and nearly every place of any pretensions at all possesses a more or less extensive collection of orchids. These for the most part are purchased from one or two out of town growers, and these growers themselves by reason of the very satisfactory results obtained from the plants sold by them had a good deal to do with the increased number acquired by Newport people during the last year or two.

Another and perhaps no less evident reason why orchids are more extensively grown now than formerly is that people are coming to understand that the mysterious secrets supposedly connected with their cultivation were in great part mythical and illusionary, while on the contrary orchids are, when conditions are moderately favorable, as easily grown as roses or carnations.

While now only the species and varieties blooming in summer are chiefly grown here, the indications are that before long those coming into bloom at other seasons will find places in many

greenhouses, eventually leading to the building of houses to be specially devoted to their cultivation. This will be materially hastened if the dealers in orchids who have on several occasions put up creditable exhibits at the horticultural exhibitions here not only continue doing so, but redouble their efforts in the way of showing varieties. This will not only increase their sales at the time, but it will also stimulate an interest in orchid growing that will largely increase sales in future, and this interest once thoroughly stimulated into action will benefit horticulture generally by bringing into general view what is considered the choicest product of the horticulturist's art. DAVID MCINTOSH.

Dutch Bulb Growers' Society.

We present herewith some illustrations showing the more prominent features of the seventy-fifth annual exhibition of the above society, which was held at Haarlem, Holland, last March. The exhibition was a great success, the quality of the exhibits being unsurpassed. The visitors included the Queen Mother of Holland and prominent representatives of the trade from Belgium, Germany, England and France. The exhibits of Ant. Roozen & Sons, C. G. Van Tubergen, Jr., and E. H. Krelage & Sons were awarded gold medals.

THE CARNATION.

We are in receipt of the report of the fourteenth annual meeting of the American Carnation Society, held at Chicago January 25 and 26, 1905.

Timely Suggestions.

The young stock for the coming season's planting ought now be all set out in the field. Planting was done a little later this year in this section owing to cold heavy rains and hail storms, circumstances which rendered the inside the safest place for the young plants, but since being planted out they have had

two or three good rains and are starting off nicely. Because the work of setting them out is off one's hands it does not mean that the plants do not need any care. After a rain, as soon as the land can be worked, it should be gone over with a cultivator to loosen up the surface and keep down the weeds. After the roots take good hold of the soil, it will be but a very short time before some of the shoots need to be topped. Hoeing, cultivating and keeping the shoots pinched back are the three important things connected with the care of the outside plants from now on, but the work should be done as soon as necessary. If not attended to in time the plants quickly suffer.

Referring again to the work of topping or pinching, it must be borne in mind that varieties which resemble the heavy growth and dwarf habit of Mrs. Lawson should not be topped too severely, because it takes the growths such a long time to get away again.

Plants being carried in pots for indoor planting should receive every care to keep them in active growth. If they show signs of getting stunted and hard before one is ready to plant them in their permanent quarters they should be given a shift into a little larger pot. These indoor plants need a lot of watering just at this time to prevent their drying out too much. The green fly will also be found very troublesome. These should be taken care of by fumigating on all favorable occasions. Give ample ventilation night and day and do not shade the plants at all because they delight in plenty of sunshine.

The soil pile may need a little attention just at this time as the heavy spring rains usually cause the grass to start into growth. This should be kept down. If the manure and other fertilizers have been added, this is a good time to give the pile another turn.

The plants blooming in the houses will now take lots of water, also frequent syringing to keep down the thrip and spider. Give all the ventilation possible, guarding against storms at night.

Disbudding should be regularly attended to as long as the plants are needed for bloom. Most of the colored varieties begin to show the effects of hot weather, but a lot of good flowers can be cut for a considerable time to come, if care is taken to keep the houses as cool as possible, with light shading and ample ventilation.

Do not syringe too late in the day so that the foliage of the plants has not time enough to dry out before nightfall. Remember, that usually lots of good white carnations are needed during the month of June and generally they are a scarce article. C. W. JOHNSON.

CHRYSANTHEMUMS

Southern Chrysanthemum Queries.

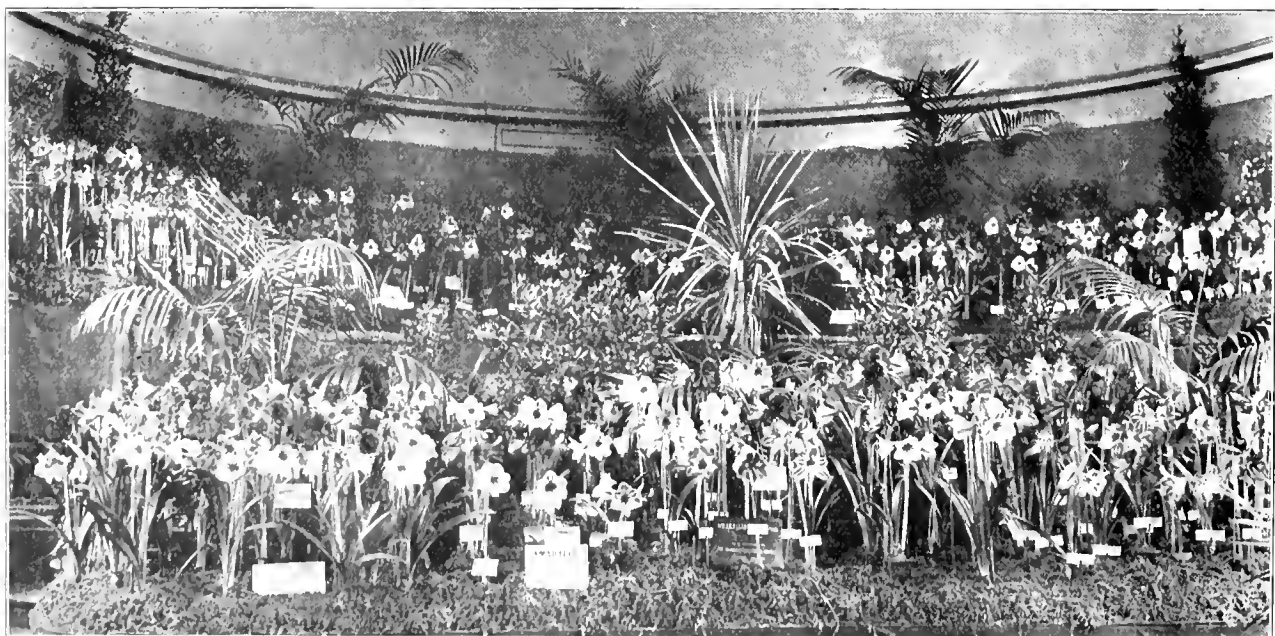
ED. AMERICAN FLORIST:—

Kindly advise me how far apart chrysanthemums should be planted. What height of houses is the most suitable for growing them? How far can the benches be from the glass to advantage? Must the glass be shaded in the south? What is the best depth of bench? What soil is the most suitable?

TEXAS.

The space to be given each plant depends on the date of planting, the variety, and the number of blooms to be grown to the plant. A bench of several varieties housed in June would not go far wrong if spaced about 8 x 9 inches, and this would give room for two or three blooms to the plant. For late planting, five or even way, is in a class by itself with us, and Mrs. Jerome Jones which, by the four inches is space enough for Ivory July planted does well with six inches of space.

A house with 6-foot walls will give ample room for a general assortment if planted not earlier than June 15. Our experience has been that solid beds on the ground gives best results. The long hot summers cause too rapid drying out, and excessive watering impoverishes the soil. Beds raised about



EXHIBITION OF THE ROYAL DUTCH BULB GROWERS' SOCIETY, HAARLEM, HOLLAND, MARCH 17-21.

(General view of the amaryllis display.)



EXHIBITION OF THE ROYAL DUTCH BULB GROWERS' SOCIETY, HAARLEM, HOLLAND, MARCH 17-21.

nine inches from the ground by the use of brick, concrete or 2-inch cypress and filled in with ample drainage material, such as gravel, bats or cinders about half the depth of the bed, and the remaining space filled with most any sweet earth, three parts to one of well rotted cow manure, will give good results. Of course, rotted sod is best, but is not at all necessary to success.

Shading is not advisable at any time. It encourages mealy bugs and aphides and forces soft growth. Frequent spraying and wide open ventilation with full sunlight is better than the unnatural condition caused by shading. Healthy cuttings, late planting, and keeping the plants clean and on the jump from start to finish is best, and do not be disappointed if the flowers come ten days late. They will be better for it.

F. P. DAVIS.

Plants for Exhibition Blooms.

The early propagated stock intended for exhibition cut blooms should be planted in their permanent quarters as soon as the space can be made ready for them. These early propagated plants ought to be at this time strong healthy stock in 3 or 4-inch pots and the sooner they are planted in the benches after May 20, the better will be their chances of giving good results. The competition is getting much more keen every year. New exhibitors are coming forward at all the principal shows and the old hands are watching every wrinkle to keep their heads above water. Those entering the exhibition ranks, therefore, must be prepared to

put into their work lots of energy and watchfulness. Many of the prominent eastern exhibitors grow their plants for exhibition blooms in pots during the entire season. By following this method of culture a bloom of greater depth and size can be obtained, but it entails closer attention, as any neglect will spell ruin very quickly.

The plants need watering more frequently and quite a number of varieties start into bud just at this time, forming a bud at every break. The only way to treat a plant which persists in doing this is to keep the buds pinched off, allowing the plant to throw up a fresh growth from the bottom and as soon as this growth gets to be three or four inches high, cut the old stem away. The new growth or sucker, as it is usually called, can then remain to bring forth the bloom. This new growth starts off rapidly and there is not any more trouble from it forming buds before the proper time. A few of the very best varieties can only be brought to their highest perfection by treating them this way, notably the variety W. R. Church. This trouble is not met with so much when the plants are grown in benches, the roots having more freedom.

In growing the plants in pots during the entire season they must be potted on as they require it, receiving their final potting into 8-inch pots in good rich soil early in June. The roots being confined in such a small space considerable trouble will be experienced from suckers, which should be removed as fast as they appear, and the side shoots regularly pinched out. This is a much

more expensive way of growing exhibition blooms than the bench method, but as a means of getting a few extra fine flowers to tone up collections, its adoption on a small scale is worth considering.

One of the most important things to bear in mind when planting in benches so early is that of plenty of head room for the growth of the plants and the development of the blooms; the plant should be allowed eight to ten feet above the benches. Very few varieties will grow so high, but a little extra air space between the flowers and the glass is better for them. Care should be taken to plant the varieties which attain about the same height of growth together, as dwarf kinds planted between those of taller growth cannot properly develop. The dwarf varieties can be planted by themselves in the space that does not contain so much head room.

Regarding the soil to use, it must be borne in mind that laying a good foundation is the most important feature with any structure and so it is with these plants. They should be planted in a good rich soil, containing about one-fourth well rotted cow manure, with a good sprinkling of bone meal. After the plants are set, and before watering them, the soil should be made as firm as possible by treading it down around the plants. It is poor policy to overcrowd the plants to get in another row where exhibition blooms are the main object in view. A space of nine inches in the rows and ten inches between the rows is none too much for them, and benches of six inches in depth we find to be about right. C. W. JOHNSON.

THE ROSE.

Benching the Young Stock.

In order to have our roses in prime condition in early fall, to have strong, well grown plants that will be able to stand the strain of the dark days of the

after it is packed and I prefer about six inches of soil in the solid beds. If the sides of the benches are six inches this will be about the thing, as the soil should be a little below the siding when it has been leveled and firmed. If the bottom boards run across the tables, which they should do, the spaces be-

them low enough. The union should be just a little below the surface after the beds have been leveled. Teas on their own roots will not require over four inches of soil after it has been packed. After planting make a pounder out of a short piece of scantling and pack the soil firmly around each plant, leaving a depression around each when finished. By watering the plant in this saucer-shaped depression the rest of the soil can be kept fresh until the roots get beyond the depression. At the same time the whole bed should be kept moist on top or the temperature will be too hot for healthy growth.

About two weeks after planting the beds can be leveled and the whole bed firmed. The soil in which American Beauty plants are planted should be packed quite firmly. The others will not require quite as much, in fact if the soil around the Bride and Bridesmaid after the final leveling is pressed very firmly with the hands this will be sufficient. Last but not least, while planting have a bucket of water handy in which to dip any dry plants that come along.

Never plant one that needs water, for to make it wet enough afterward will cause the bed to become mucky. Keep the air in the houses slightly reduced for several days after planting and syringe freely. This will keep them from wilting. On all bright, warm days the young plants will require syringing twice a day, being careful to have them dry by evening. A few suggestions in regard to the carrying over of stock for the second season will appear in another article. E.

Richmond and La Detroit Temperatures.

ED. AMERICAN FLORIST:—

In what temperature should Richmond and La Detroit roses be grown?

A. S.

Richmond seems to thrive best and produce its flowers perfectly in a temperature of 56°. Experiment the past winter has shown that 54° Fahrenheit produces flowers slightly better colored than in 56°. This rose, however, will thrive anywhere in a temperature from 52° to 62° and is not very particular in this regard but we prefer to grow them in a temperature of 55° to 56°.

In regard to La Detroit, we are of the opinion that it would do best in 58° to 60°, although we have not had extensive experience in growing this variety. The finest lot coming under my observation the past winter were grown in a temperature of 58°.

E. G. HILL.



EXHIBITION OF DUTCH BULB GROWERS' SOCIETY.

(Hyacinths in pans, ten in each, exhibited by Ant. Roozen & Sons, Overveen.)

early winter months, we should make it our object to bench them early. American Beauty plants should be the first on the list and to cut heavily the later part of December, they should be planted during the middle or latter part of May. The teas and hybrid teas, Bridesmaid, Golden Gate, Liberty and a host of others, should be planted as early in June as possible. One season of early planting will be convincing, providing, of course, the proper attention is given the plants after a careful selection and mixing of the soil. Of course we are always very busy just when our roses, particularly the young stock, need looking after, but to be successful with roses they must be cared for regularly, never neglecting to shift them if they need it, even if we intend to plant them within a couple of weeks. A great many may think they will stand in the small pot a week or two longer, but it's a great mistake to allow this. Half of the plants that show the signs of club root or eel worm early in the season get fatal disease from being checked in pots, that is, becoming pot bound and staying in that condition too long.

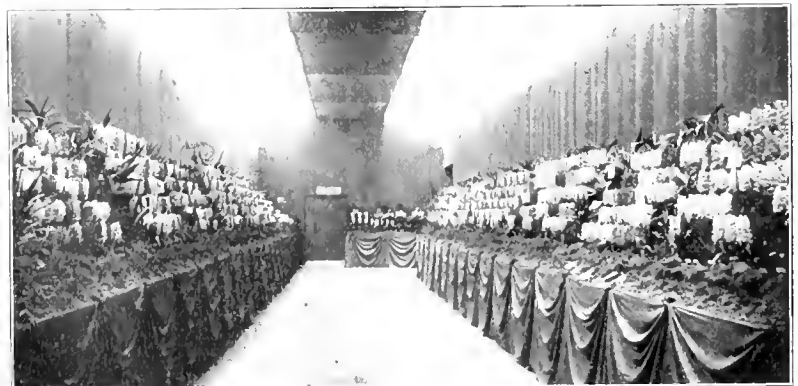
In order to make a good job of anything we must start the right way. After the old soil is removed from the benches or beds and the houses given a thorough overhauling, the necessary repairs being made, give the bottoms and sides of the benches a good coating of hot white-wash. In slaking the lime add several pounds of flower of sulphur to every bushel of lime used; three or four pounds will be enough. The sides of the houses painted with this mixture will destroy red spider and will help greatly in keeping the mildew off the plants.

American Beauty plants on benches will require about five inches of soil

tween the boards should be about three-fourths of an inch to furnish sufficient drainage.

For the solid beds the siding can be placed on chip stones which should be about two inches thick, or bricks will answer. This is for the outer foundation. The bottom can be filled in with coarse gravel or clinkers. If built over open or sandy soil they will require less drainage. If the soil is heavy, with a clay subsoil, more drainage is required. When filling the benches with soil have a man on each side to handle the soil. The cracks can be covered with excelsior or straw, sprinkled lightly over to prevent the soil from sifting through. It is not necessary to cover the cracks with sod, for often the sod makes it a difficult matter to place the plant deep enough.

Grafted stock will require at least five inches of soil in order to plant



EXHIBITION OF DUTCH BULB GROWERS' SOCIETY.
(Special hall for hyacinths.)



EXHIBITION OF DUTCH BULB GROWERS' SOCIETY.

(Miscellaneous bulbous plants exhibited by C. G. Van Tubergen, Jr., Haarlem.)

MARKET GARDENS.

Prices of Indoor Vegetables.

The prices of indoor vegetables at leading points May 13 were as follows: New York. cucumbers, \$2.50 to \$3.50 per case; lettuce, 75 cents to \$1.25 per case; mushrooms, 10 cents to 50 cents per pound; radishes, 75 cents to \$1.25 per 100 bunches; tomatoes, 10 cents to 15 cents per pound. Buffalo, cucumbers, 25 cents to 75 cents per dozen. Detroit, cucumbers, \$1 per dozen; lettuce, 8 cents to 9 cents per pound. Cincinnati, cucumbers, \$5 per barrel. Kansas City, mushrooms, 50 cents per pound.

Truck via Electric Railway

All day the gardeners at La Habre, Whittier, Signal Hill, Gardena, Sherman, Glendale and intermediate places are picking their berries, beans and peas and preparing their celery, lettuce, cabbage, etc., and in the evening at a stated hour they haul it to the nearest road crossing and load it on a neatly painted electric coach, called a freight car. Within an hour it is landed fresh and crisp at the Central market, delivered to the commission dealer, the produce dealer and to Chinamen, who distribute it, to the hotels and to the homes of every resident of Los Angeles all in time for dinner, within twenty-four hours from the garden twenty-five miles away. This is a luxury not fully appreciated, because it is not understood.—Johnson & Musser's Bulletin, Los Angeles, Cal.

Notes on Aquatics.

Water lilies are among the easiest to care for of all flowers, being almost free from disease and requiring no cultivation. They commend themselves to the amateur and specialist. They are most attractive flowers, possessing a charm that appeals to everyone. As orchids are among greenhouse plants, so are water lilies among garden flowers. No class of plants possesses such diversity of color, including red, white, blue, yellow and intermediate shades, and all varie-

ties are very fragrant. Some are day-blooming and some are night-blooming, but all have their flowers open in the forenoon and on cloudy cool days the night flowers stay open much longer. The flowers open and close for three or four days in succession and then sink beneath the water, so there is no dead flower visible as on garden plants.

There are two species of water lilies, classed as hardy and tender. The hardy variety may be planted as early in the spring as one can comfortably wade in the water. Planting can, however, be delayed until late in August. These late plants bloom very little but establish themselves for another year. The depth to plant lilies depends on the size. Better plant too shallow than too deep. Eighteen inches is sufficient for small varieties, but the large varieties, such as *Nymphaea alba*, *N. candidissima*, *N. odorata*, *N. Marliacea* and *N. tuberosa*, should be planted in two and one-half to three and one-half feet of

water. The soil should be at least one foot deep and composed one-half of good soil and one-half of well rotted manure. Green manure should not be used, as it stagnates the water and often injures the plants. Sand may be spread on the soil to keep the water clear, but is of no service to the lilies. Still warm water, sunshine (especially the morning sun) and rich soil are required. If such conditions prevail there will be no failure.

The tender varieties should not be planted until the first week in June in the latitude of Chicago. They should never be planted in deeper water than eight to ten inches, so the roots get the full warmth of the sun. Some of the best tender varieties are the three Zanzibariensis varieties, *Nymphaea gracilis*, *N. cærulea*, *N. Devoniensis*, *N. dentata*, *N. O'Marana* and *N. Geo. Huster*. For growing water lilies in tubs the first three above are the best tender varieties. The best hardy varieties for growing in tubs are *N. odorata minor*, the *N. pygmaea* and *Laydekeri* varieties. The best hardy varieties for growing in ponds and slow running streams are *N. odorata*, *N. Marliacea* and *N. alba candidissima*. The best two yellow hardy water lilies are *N. odorata sulphurea* and *N. Marliacea chromatella*. Among the best dark red shades are *N. Laydekeri purpurata*, *N. James Brydon*, *N. Wm. Falconer*, *N. Marliacea rubra-punctata*, and *N. Robinsoni*.

In planting water lily roots, remove the soil to a depth of two to three inches according to size of plant, place the root in the excavation horizontally (not set up endwise) and cover gently but firmly with mud.

GEORGE SCHWING.

NEW HAVEN, CONN.—The New Haven County Horticultural Society met May 2. David Kydd exhibited a new seedling carnation, receiving a vote of thanks for same.

WARREN, O.—Thomas H. Phelan, with the Gaskill greenhouse for the past five years, will leave shortly for Bennington, Vt., where he has purchased the florist business of W. G. Richardson.



EXHIBITION OF DUTCH BULB GROWERS' SOCIETY.

(Darwin tulips exhibited by E. H. Krelage & Sons, Haarlem.)



A SOUTHERN WEDDING DECORATION.

(By U. J. Virgin, New Orleans, La.)

THE RETAIL TRADE

A Southern Wedding Decoration.

One of the most artistic and elaborate wedding decorations of the season was the one at the beautiful home of Mr. and Mrs. Bertrand Beers, St. Charles avenue, New Orleans, La., in honor of the marriage of their daughter, Miss Sarah Beers and Gus. Worms last month. The color scheme of the drawing and dining-rooms, library, hall and staircase was white and green, while that of the music room was red. The plants used in decorating the rooms, as well as the mantels and fireplaces, were *Cocos flexuosa*, *Nephrolepis Piersoni*, *N. Bostoniensis* and *Adiantum cuneatum*. The flowers used were *Lilium Harrisii* and lily of the valley. All the chandeliers were festooned with *Asparagus plumosus* and *Harrisii* lilies.

The entrance to the drawing-room,

where the ceremony took place, was formed by huge arches made of *Asparagus plumosus* and *Lilium Harrisii*. In the center of one end of the drawing-room, on a three-foot stand, tied with a bowknot of white carnations, stood a huge wreath made of lily of the valley. At either side were tall white willow vases on high pedestals of the same color, holding huge clusters of Easter lilies tied with broad satin ribbon. A huge footstool for the bride, made of *Harrisii*, *Bride roses* and lily of the valley, stood in front of the wreath. The table in the dining-room was resplendent with cut glass and silver. The centerpiece was made of lily of the valley and *Adiantum* draped with white tulle. Electric candelabra shaded with artificial Easter lilies were used. The music room was elaborately decorated with clusters of *American Beauty* roses in tall vases and on the cabinets.

The entire effect of this decoration

was one of grandeur and elegance and the artists, U. J. Virgin and his sister-in-law, Miss Katie Relm, received the highest commendations.

Easter Decorations in Porto Rico.

The accompanying illustration should prove of great interest to our readers as a sample of church decoration in tropical Porto Rico. The previous week the same church was profusely decorated with palm leaves, each of which was from ten to fourteen feet in length giving a striking and handsome effect; unfortunately, no photographs of the Palm Sunday decorations were obtained.

A good suggestion to northern decorators would be the use of these leaves; they are specially majestic and make fine displays. They can be shipped with little trouble and easily stand a trip of five days, showing no sign of wilting for at least a week longer. Many decorations would be vastly improved by their use. The picture, from a photograph taken by E. Z. Crow, of San Juan, shows many *Dracæna terminalis*, *Pandanuses*, palms, rubbers, etc., over 1,500 pots being used for the purpose.

The decorations were furnished by Wm. C. Smith, of San Juan, who has lately established an extensive nursery business in Porto Rico.

Some Chicago Decorations.

FOR THE PRESIDENT'S VISIT.

President Roosevelt's visit to Chicago May 10 was the occasion of great enthusiasm on the part of the public in general, as was evinced by the throngs and applause which greeted him at every appearance. From the moment of arrival to that of departure he was feted by various clubs and indeed led a very "strenuous" life. Soon after arrival, the president was given a banquet by the Merchants' Club. The decorations, by George Wittbold, were beautiful and pleasing. The tables were arranged in triangular form and were decorated with apple blossoms and smilax. In the center of the triangles was a fountain, the basin containing water lilies and surrounded by Boston ferns, small cibotium, and branches of apple blos-

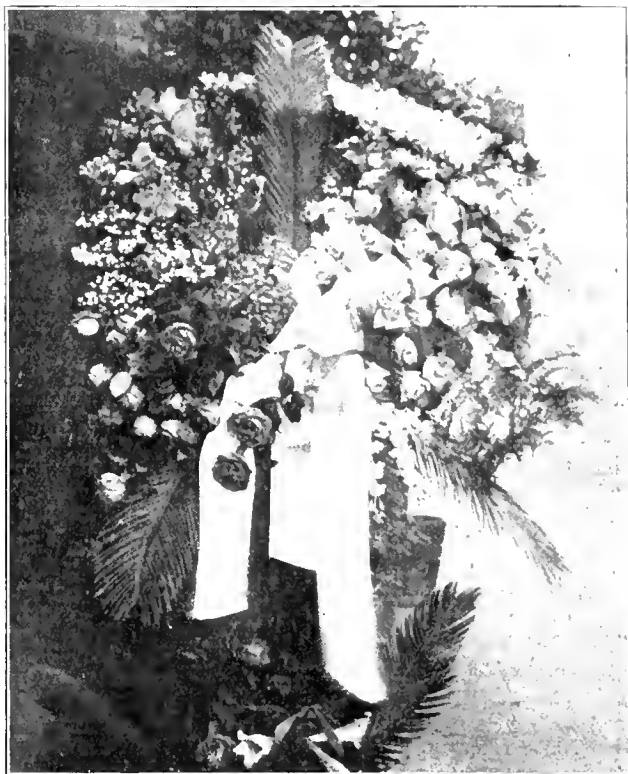


EASTER CHURCH DECORATION IN PORTO RICO.

(By W. C. Smith, San Juan)



WREATH BY Z. D. BLACKSTONE, WASHINGTON, D. C.
(A design supplied some months ago.)



WREATH BY J. H. SMALL & SONS, WASHINGTON, D. C.
(See issue of April 15, page 535.)

soms. Above the head of the guest of honor hung the president's flag, and in the background was a profusion of national and state flags. Above these, surmounting the pillars, were large bunches of peonies, ferns and cibotium. About two wagon loads of apple blossoms were used in the above decorations.

The decorations for the Hamilton and Iroquois Clubs were by the Central Floral Company. At the Iroquois banquet at the Auditorium the tables were decorated with Roosevelt carnations and short stemmed American Beauty roses, with smilax and *Asparagus plumosus* intertwined. Several tall vases of long stemmed American Beauty roses adorned the various tables.

At the reception given by the Hamilton Club, the rooms were decorated with Roosevelt carnations, smilax and *Asparagus plumosus*.

THE SHONTS RECEPTION.

Mrs. Theodore P. Shonts, wife of the recently appointed president of the Panama canal commission, held a reception on May 11 at the Virginia hotel. The whole first floor of the hotel was used for the occasion and the decorations by Wienhoeber, were elaborately done with palms and Mme. Chatenay roses. The large veranda connecting the rooms was screened in for the occasion, and was profuse with purple and white lilac, hawthorn, southern smilax, bay trees and laurel trees trimmed with cherry blossoms, transforming the place into a veritable spring garden.

An Emblematic Wreath.

Appreciating the large part General Fitzhugh Lee had in bringing about the return of the battle flags of the Massa-

chusetts regiments to the state of Virginia, Lieutenant-Governor Curtis Gild, Jr., of Massachusetts, May 1 sent to Richmond, Va., a beautiful emblematic floral tribute to the late general. The token, designed by Thos. F. Galvin, of Boston, Mass., was in the form of a wreath made of pine needles, recalling the pine tree on the Massachusetts state flag, with mayflowers thickly intertwined, the latter symbolic of the Puritan colony. Streamers of blue and white ribbon represented the state colors. The wreath was six feet in diameter.

Aztec Flower Festival.

The old Aztec festival, the feast of flowers, was held this year on April 14, the Friday before Good Friday. On that occasion the inhabitants of the neighboring town began to arrive at Santa Anita and at the embareadero on the Viga canal, before daylight, with their canoes laden with flowers, and everything that could be decorated was adorned by the artistic flower girls. Of late years an attempt has been made to have part of the celebration in the Alameda, but it has never been a great success, all the fun being on the celebrated canal. As a rule the festival is over by noon, but Santa Anita is usually a scene of revelry until nightfall.—Mexico Herald.

A Funeral Wreath.

The accompanying illustration shows a funeral wreath made by Z. D. Blackstone, Washington, D. C., which was used at the funeral of a prominent member of the Daughters of the American Revolution. It was made of orchids, Golden Gate and Ivory roses and chrysanthemums, with sago leaves, asparagus and adiantum for green.

New York.

MARKET OVERSTOCKED.

The market continues in a sluggish condition, with little prospect of immediate improvement. The influx of cut flowers is entirely out of proportion to the demand and daily receipts clean up only when prices are brought to the sacrifice point. A great deal of outside grown stock is coming in, and the market on inside stock is consequently affected. Lilac, tulips, lily of the valley and narcissus are all prominent on wholesalers' counters. Peonies are in with a rush, some heavy consignments arriving from southern sections and from the middle west. They are not taken very freely, and \$3 per 100 is about the top price. Roses are at the glut point, and quantities are carried over daily; in fact there are not jars enough in the wholesalers' outfits to carry the leftovers to the ice box. Grade prices are hard to establish, most of the business being done upon straight slips at an average price which runs from 50 cents to \$1 per 100. American Beauty are still very much off in quality and sales at maximum quotations are few and far between. Specials are going at as low as \$4 per 100. At the few entertainments and ceremonies taking place in social circles where flowers are used, blossoms and hardy cut flowers seem to meet requirements. Violets are about over, and the straggling lots which come in do not find customers very readily. Carnations are more than plentiful and many get to the sleepy point before they can be moved, and then only to the street men. Business is conceded to be much behind that for the corresponding period of last year, and no evidence is wanted to vouch for the fact that the general public is not eager to buy flowers.

The Market May 17.—The market is extremely dull to-day, with roses a glut and buying unusually limited.

TRADE NOTES.

A sixteen year old son of Herman, the Brooklyn florist, was killed May 11 by falling through an open shaft in Kenney's florist supply store in Brooklyn.

Dietzenberger Brothers, of Seventy-fifth street and Fifth avenue, Bay Ridge, recently sold their property to real estate operators, and will go out of business. Their nineteen greenhouses, boilers, wagons and business effects will be sold June 1 at auction by John Cleary. The firm has been in business more than twenty years.

Peter Duff, gardener to J. Crosby Brown, Orange, N. J., is mourning the loss of a young son who succumbed to an attack of diphtheria last week.

Hermens & Reger have opened a retail flower store at 457 Fifth avenue, Brooklyn. Mr. Hermens formerly conducted a store on Bridge street, Brooklyn.

Young & Nugent have fitted up a portion of the floor above their store as a palm and plant department. The large display window in this department is well fitted with stock and improves their general appearance.

Joseph Leikens is arranging to open his Newport establishment May 30 and will spend most of his time there. Frank S. Good will look after the Thirty-third street establishment.

The employes of William Ghormley, the Twenty-eighth street wholesaler, on May 9 presented William and Mrs. Ghormley with a beautiful loving cup as a memento of the forty-fifth anniversary of their marriage.

Tuesday's auction sales were well attended, and the stock, mainly bedding plants, found ready purchasers at good prices. The quality of the stock seemed to be above the average.

The Telegraph geranium is to be a prominent feature of Friday's sale at Cleary's.

Visitors: John and William Blake, of Pasadena, Cal., en route to Europe, where they will visit their old home.

Chicago.

THE MARKET.

Taken as a whole, last week was another unfavorable week for all concerned, there being a slight improvement over the preceding week. Monday started out with show for increased business, but two rainy days in the middle of the week again set everything back. A great amount of rain fell, and some hail, but we have heard of no serious damage resulting in this vicinity. Friday was a good shipping day and Saturday a fair business generally was reported. Throughout the week shipments were received and sent out with regularity, the strike causing little delay. The absence of shipping orders from other cities has been particularly noticeable. Carnations are holding up well, bringing from \$2 to \$3, and one or two varieties have brought \$4. First class American Beauty roses have not been plentiful owing in a large measure to many growers having thrown out their old stock at the same time, the weather, and this being near the end of their season. There has been an abundance of Bridesmaid, Bride, Chatenay and Golden Gate, bringing from \$2 to \$8.

Cutting stock has been moving nicely, chrysanthemums selling well. There has been enough lilac to supply the market, but the usual large quantities from southern Illinois have not been received this year on account of the strike. Peonies in liberal quantities have been received from southern Illinois and Indiana, but a peculiar feature is that in numerous instances the latest varieties are being received along with first shipments of early varieties. The stock in general is good, prices ranging from 50 cents to 85 cents per dozen. It is reported from some quarters that the cut will be much less than last year.

PUSH NULLIFIES STRIKE.

All during the present strike the wholesale florists have been the only line to ship goods without interference from the strikers. This can only be attributed to the push and energy which has been in evidence all through this trouble, and florists outside of Chicago should remember the business-like way in which they have been taken care of and should in the future send their orders as much as possible to the people who are so deserving of their patronage. They have dealt with the unions and express companies in a diplomatic way and to-day can truthfully say that they are on friendly terms with both. The express companies notified the wholesalers that beginning Sunday, May 14, they would accept from outside shippers and deliver to the wholesalers at their business places all flowers tendered them. This is the greatest concession the express companies could make, as they positively refuse produce consigned to South Water street commission merchants. Peonies are now coming in from various southern points and business from this on promises to improve greatly.

NOTES.

Otto Kroeschell, one of the officers of the Kroeschell Brothers Company of this city, has been missing from his home, 450 Dayton street, since May 8. He has recently been in ill health. Mr. Kroeschell is fifty-two years of age, about 5 feet 6 inches tall and weighs about 150 pounds. He has a very thin face, short mustache, gray hair and gray blue eyes, was dressed in dark business suit and wore a dark gray overcoat and black hat. He wears upon his left hand a plain band ring.

Wietor Brothers report having ten 250-foot houses planted with American Beauty, and five 250-foot houses with Bride and Bridesmaid. A full crop of Kaiserin roses will be ready for market in a short time. They also have 3,500 Enchantress and about double that number of Lawson extra long stem carnations.

At the meeting of the Wholesale Florists' Association on Saturday morning a motion was made and carried to the effect that the association be continued as a permanent organization for the benefit of, and to promote the general interests of the florists at large, after the present conditions resulting from the strike had abated.

The George Wittbold Company is building two new houses 27½x300 feet at Edgebrook. At the north side establishment there are several houses of geraniums just right for Decoration day.

A hox tree in front of the Central Floral Company's store, trimmed to

represent a rooster, attracts a great deal of attention from passers by.

Harry Rowe has been spending a few days with friends at Cleveland and Cincinnati, enjoying a well-earned though brief vacation.

Alex. Newett, of Deamud's, has been called with his family to Joliet, where Mrs. Newett's mother is not expected to live.

At the Florists' Club meeting, May 11, the attendance was small and the business routine.

D. F. Simonds of the Ogden Floral Company has been suffering from rheumatism.

Visitors: Mr. and Mrs. J. W. Marshall, of Meridian, Miss.

FOR DECORATION DAY.

E. C. Amling will have a full stock of *Harrisii* lilies.

Vaughan & Sperry are doing a nice business in ferns, smilax and *Asparagus plumosus* and will have a full supply, also peonies, roses, carnations and lilies.

Kennicott Brothers will be on hand with their usual supply of peonies. Their famous unnamed pink peony is a beautiful bloom. Besides a number of different varieties of peonies they will have a full line of roses, carnations and lily of the valley.

Besides the usual stock of fine roses and carnations, Zech & Mann will have a large lot of red gladiolus, for which they are headquarters.

Charles McKellar always carries a fine stock of orchids. He will be ready to fill all orders on these and on lily of the valley, roses, carnations and design work.

Bassett & Washburn will have a large stock of Bride, Bridesmaid, Chatenay, Kaiserin and American Beauty roses, also plenty of Lawson, Enchantress and White Cloud carnations. They are shipping from Hinsdale during the strike.

Wietor Brothers have some extra fine, long stem Lawsons and Enchantress carnations and will have plenty of roses on hand.

J. A. Budlong is cutting some nice stock in carnations, Lawson, White Cloud, Enchantress and Estelle moving nicely. This firm will have a good stock on hand, including fine Chatenay, Bride, Bridesmaid and Kaiserin roses and lily of the valley.

Although not so large a supply as usual of cape jasmine is expected, still the E. F. Winterson Company will have enough to fill all orders. They will also have a supply of calla, *Harrisii*, lily of the valley, carnations and roses.

Poehlmann Brothers are carrying a fine line of roses and carnations and will have plenty of them.

J. B. Deamud is receiving some nice lots of peonies for Decoration day. He will have a full stock of roses, peonies, carnations, lily of the valley, *Harrisii*, smilax, Sprenger and *Asparagus plumosus*.

Weiland & Risch always have a good stock of roses, carnations, lilies and ferns on hand, and will be able to take care of all orders in their usual satisfactory manner.

The Benthey-Coatsworth Company have been handling large quantities of lilac, roses and carnations and will have ample stock to take care of all orders.

Manager Dickinson, of Hunt's, has completed arrangements whereby he will fill all orders promptly with the best material.

Vaughan's Seed Store reports heavy sales on bedding stock, shrubs, etc.

Peter Reinberg has been handling some nice stock of Bride, Bridesmaid, Liberty, Chateau, Kaiserin and American Beauty roses. He will have a good supply of roses and carnations.

George Reinberg will have a full supply of high grade material in all lines of cut flowers.

The A. L. Randall Company have been handling large lots of roses, carnations, ferns, Asparagus Sprengeri and A. plumosus. They have also had some fine sweet peas and lily of the valley and will be able to take care of old customers and many new ones.

Philadelphia.

LOW PRICES RULING.

Dogwood and quantities of outside shrubbery are now carried in abundance by all the stores. These spring blossoms together with an abundance of American Beauty and quantities of sweet peas comprised the features of the cut flower market the past week. Special American Beauty with regular clothes prop stems have been very plentiful and prices have ruled low, many being sold at \$1 per dozen, which is certainly rock bottom. Private theatricals and school commencements are now using quite a few flowers, but with the exception of the inevitable funeral flowers, there is little doing. The coaching parade, a society event, took place last week. Quite a few flowers were used for this. Battles had the decorations at the Bellevue-Stratford where dinner was served.

NOTES.

At a meeting of the creditors of Robert Craig & Son, held May 8, which was arranged for at the previous meeting a year ago, the affairs of the firm were discussed and a very favorable report presented. The assignee stated that the mortgage indebtedness had been reduced nearly \$15,000, the book accounts were over \$14,000, the cash on hand \$10,000 and the appraisal of the stock on May 1 showed a valuation of \$17,000. It was also stated that all the creditors with the exception of three had agreed to take 50 cents on the dollar. On June 15 next the final meeting is to be held, when Mr. Craig expects to carry out his agreement by paying the creditors and organizing his company to carry on and continue the business. The tour of the creditors through the establishment showed everything in fine condition, with the packing shed the busiest part of the place, over \$1,000 worth of orders being made ready for shipment that day.

The Baby Rambler rose is making a great hit. All the plants of any size are sold and there is a great demand for the 4-inch stock, which growers are loth to part with as they want to grow them on for next season. W. K. Harris had a standard Baby Rambler made up of a number of shoots budded on a Crimson Rambler. It bloomed beautifully and made a very showy and striking plant. If this form will stand our hot summers, what a good show they will make on a lawn or planted at intervals along a carriage drive.

Robert Craig & Son now have several houses of bedding plants, their petunias and caladiums being particularly fine. A house of the new *Ficus pandurata* is very striking. There is

great character to this plant and Mr. Craig claims that it is just as hardy and suitable for the house as an aspidistra.

J. A. Evans, of the Quaker City Machine Works, was in town with his improved double arm ventilator. This is more speedy and works much easier than the old pattern. He says they are up to their eyes in work and can hardly get their orders out fast enough.

Jacob Becker has his wagons on the street doing double duty moving the immense stock of pot roses and with all can scarcely fill his orders.

Very good southern gardenias are now being received. The price is \$1 per dozen.

Visitors: F. R. Pierson, Tarrytown, N. Y.; F. L. Atkins, of Bobbink & Atkins, Rutherford, N. J.; A. N. Pierson, of Cromwell, Conn. K.

GENERAL NEWS.

BEVERLY, N. J.—Mrs. T. B. Baldwin is soon to erect a new greenhouse here.

UNION CENTER, N. Y.—Richard Gardner is building another large greenhouse here.

PORTLAND, IND.—Wilson Frank & Sons have commenced the erection of a \$10,000 greenhouse plant.

DES MOINES, IA.—Mrs. E. Murray has opened up a small flower shop in E. L. Selover's undertaking parlors.

ROCHESTER, N. Y.—The greenhouse of Alfred Dobbartin was damaged by fire to the extent of \$300 early April 17.

MONTGOMERY, ALA.—W. B. Paterson has secured a permit to erect three greenhouses on Hull street. The cost is to be \$2,500.

VERSAILLES, MO.—The semi-annual meeting of the Missouri State Horticultural Society will be held here June 13 to 15, 1905.

DECATUR, ILL.—M. Z. Kellogg is planning to build a large carnation house on South Franklin street. The dimensions are to be 20x92 feet.

DEADWOOD, S. D.—Andrew Daniels has opened up the Deadwood Greenhouses, and will do a general business in cut flowers and potted plants.

SALINA, KAN.—E. L. Farquharson has purchased the greenhouses of the late John Buchi and will carry on the business in the future.

WACO, TEX.—Mr. Robinson, of this city, will establish a general florist's business in Temple. At present there is no such establishment there.

PEORIA, ILL.—Charles Loveridge is erecting four houses, 25x150 feet, on his property on Wisconsin avenue, at an estimated expenditure of \$4,000.

JOLIET, ILL.—The Spot Cash Flower Store, a branch of the Chicago Carnation Company's retail department, is now located in Stillman's pharmacy.

OMAHA, NEB.—A. Delany, of Twenty-fourth street, recently accepted a worthless check for \$10 from a strange customer. The man is still at large.

WORCESTER, MASS.—Henry F. Littlefield is soon to erect a greenhouse on Alvarado avenue. It will cost about \$2,000 and will be 40x125 feet in size.

SALEM, MASS.—J. W. Philbrick has purchased the florist business of Mrs. J. M. Julyn, 56 Bridge street, and will carry on the business at the same place.

WICHITA, KAN.—The twenty-first semi-annual meeting and fruit display of the Kansas State Horticultural Society will be held here June 7, 8, 9, 1905.

NEW WESTMINSTER, D. C.—Tom Davies has a rather attractive sport of Enchantress carnation. The color is Enchantress pink, striped and splashed with Lawson pink.

CLARINDA, IA.—Joe Welch has purchased the greenhouse and residence property on North Sixteenth street, from Mr. Wilson and will take possession June 1.

CARTHAGE, MO.—Perry Finn has commenced the reconstruction of his greenhouses, which suffered from fire last winter. The place will be remodeled and considerably enlarged.

ASHEVILLE, N. C.—Mrs. George W. Vanderbilt is arranging a flower show for Biltmore, to take place about June 1. There will be a floral parade through the Biltmore estate and village.

GLEN COVE, N. Y.—The Nassau County Horticultural Society held its regular monthly meeting at the Glen Cove Greenhouses, May 3. John F. Johnston read a paper on "Hardy Flowering Shrubs."

PITTSFIELD, MASS.—Jeremiah Connor has leased the Atkinson property on Elm street, including the large greenhouses and barns. He will occupy this place and dispose of his property on Seymour street.

SEATTLE, WASH.—At a meeting of the Seattle Florists' Association May 7, it was decided to hold a chrysanthemum show in November. Gust Bertman read a paper on "Culture of Tomatoes Under Glass."

GLADSTONE, MICH.—Roadmaster Crook's greenhouse is heated by waste steam from the roundhouse. He will use about 1,000 plants, shrubs, etc., this summer in Gladstone and Manistique for beautifying the depot grounds.

HOWARD CITY, MICH.—W. A. Murray, a news agent here, has been experimenting with opium poppies, and believes that he can successfully grow them. He has appealed to Carnegie to assist him financially in experimenting on a large scale.

BOSTON, MASS.—Mrs. John L. Gardner has decided to establish annual prizes for the best window boxes in this city. There will be several prizes a year amounting in all to \$100. An especial effort will be made to interest school children.

SPRINGFIELD, MASS.—Edgar King, for twelve years assistant superintendent of Mount Auburn cemetery, New York, has resigned and will take a similar position at the Springfield cemetery. He, with Superintendent Fred Emery, will also have charge of the greenhouses.

MEXICO CITY, MEX.—"The Battle of Flowers" was held here May 7 and hundreds of automobiles, carriages and people on the walks and balconies fought with flowers and the air was filled with various colored petals. Large quantities of flowers from the tableland were used.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from those
in the trade.

Advertisements, on all except cover pages,
10 Cents a Line, Adgate; \$1.00 per inch.
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No Special Position Guaranteed.

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52 times, 30 per cent.

Space on front pages and back cover page sold
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The advertising Department of the AMERICAN
FLORIST is for florists, seedsmen and nurserymen
and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Monday to
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Society of American Florists.

The annual convention of the Society of American Florists will be held at Washington, D. C., August 15, 16, 17 and 18.

BUILDING and rebuilding plans should be completed without delay.

IF plants must be sold at a sacrifice, let it be done after June 1.

BEAUTY OF NICE, Benary's new stock, is fine for cutting and for pots. The flowers come sixty to seventy-five per cent double and are of a good, light pink shade.

VASES for lawns and cemeteries, when filled, should be kept in an airy greenhouse for a few days, or until the plants are well settled in the new soil, and carefully watered.

Society of American Florists.

CONVENTION TRANSPORTATION.

The Trunk Line Association has made the usual reduced rate to the Washington convention of one and one-third fare for the round trip. The Trunk Line Association territory includes the states of New York, Pennsylvania, New Jersey, Maryland, West Virginia and a portion of Virginia. Following the granting of this concession by the Trunk Line Association, application has been made to the New England, Central, South-eastern, Southwestern and Western Passenger Associations for a similar reduction. As soon as action has been taken by these associations, due announcement will be made accordingly.
WM. J. STEWART, Sec'y.

To Study Plant Diseases.

Berkeley, Cal.—A laboratory and experient station for the study of plant diseases is to be established at once in southern California through financial support furnished by the state that the work may be undertaken by the University of California, as a part of the activities of its department of agriculture.

In accordance with the terms of the legislation the commission invites proposals of land, and the regents invite suggestions as to the work to be undertaken.

Proposals in regard to both these matters should be filed on or before July 1 with the secretary of the State Pathological Station Commission, V. H. Henderson, Berkeley, Cal.

Meetings Next Week.

Baltimore, Md.—Gardeners' Club of Baltimore. Royal Arcanum building, 18 West Saratoga street, May 22, 8 p. m.

Chicago, Ill.—Chicago Florists' Club, Handel hall, 40 Randolph street, May 25, at 8 p. m.

Cleveland, O.—Cleveland Florists' Club, Progress hall, 244 Detroit street, May 22, at 7:30 p. m.

Denver, Colo.—Denver Floral Club, 323 Charles block, May 26, at 8 p. m.

Grand Rapids, Mich.—Grand Rapids Florists' Club, board of trade rooms, Pearl street, May 22.

Hartford, Conn.—Hartford Florists' Club, May 26, at 8 p. m.

Salt Lake City, Utah—Salt Lake Florists' Society, May 26.

St. Louis.

DULL MARKET.

The market this week has been very unsatisfactory. Everything is very plentiful and hard to move. Carnations of top quality are bringing \$1 per 100 and quantities are being sold at \$7.50 and \$5 per 1,000, and are not sold clean even at these prices. In former years when the fakir was allowed in the downtown shopping districts, many more flowers were sold. Now the downtown stores are doing the faking. Signs are to be seen, "10 cents a dozen for fresh carnations," and, strange to say, where rentals of stores are still higher, special prices of carnations, "two dozen for 15 cents." Yet these stores made the kick that the fakirs ruined their prices. One of these downtown vendors is now selling in the residence district and selling at 25 cents per dozen. Although these stores put up cut rate prices they cannot handle

the amount an outside street man can, and thus the wholesaler loses as also the grower. The street man is needed and he will get there again.

Roses are very plentiful, but there is nothing doing and that is the cry all over. Funeral work also is slow, and weddings are on the wane. We only have now Decoration day and school exercises before the extreme summer dullness is with us. All the wholesale men complain about dullness of trade.

NOTES.

Among the most enterprising florists are Grimm & Gorly, who have opened a flower store in the downtown district, in the front of the elegant candy store of the Columbia Candy Company at 517 Olive street. This young firm does a very extensive trade at their store, Fifteenth and Cass avenue. They are daily advertisers in the morning and evening papers and their downtown branch has already made a hit with the ladies.

George H. Angermueller, well and favorably known for many years in connection with the business of C. A. Kuehn, has started in the wholesale florist commission line on his own account at 1324 Pine street. Mr. Angermueller's long practical experience in the trade should enable him to take care of his clients to the greatest possible advantage.

Manager Koenig is mailing the preliminary list of premiums offered at the flower show to be given under the auspices of the Florists' Club next November. The list is quite extensive and many good premiums are offered. Copies can be had on application to Mr. Koenig, 6471 Florissant avenue, this city.

The St. Louis Florists' Club held its regular meeting May 11, with President Yuengel in the chair. As few members were present the meeting was of very short duration.

F. J. Foster, while riding out one evening last week, was run into by an automobile. His leg was slightly bruised.

Peonies and gladioli are now in the market. Peonies are bringing 3 to 6 cents, gladioli 8 cents.

George Waldbart reports trade as good as he can expect, although in general very dull.

Ellison Floral Company reports trade as satisfactory.

Dagger ferns are now in the market and sell well.

Visitor: James B. O'Neil, of Vaughan's Seed Store, Chicago.

W. F.

Fairbury, Ill.

One of the worst hail storms in the history of this part of the state passed over this place May 11. The florists got the brunt of it. A. Milne lost about one-third of his glass, nearly all carnation plants in the field, all his fine field of peonies and small fruits and vegetable plants, everything being cut to the ground. Mr. Milne was not insured.

Kring Brothers lost about 200 square feet of glass and their field of 40,000 carnation plants was badly pounded, a great many of them a complete loss. The glass was insured in the Florists' Hail Association.

J. Milne & Son lost a little glass, the chief loss being the carnation plants in the field, which were badly damaged.

OBITUARY.

O. B. Donnelly.

O. B. Donnelly died at his home in Peoria, May 5, aged seventy years. He was a resident of Peoria since 1868. He was for some years a school teacher but of late had been engaged in the nursery business. His wife survives him.

Michael Curley.

Michael Curley, aged sixty-one, died May 11 of injuries received from a fall at his home. He was for some years a florist at Hyde Park, Mass. He was born in Ireland and had been a resident here for the past twenty-five years. He served through the entire civil war.

The Late Mrs. Dunkley.

Mrs. Dunkley, widow of the late Joseph Dunkley, whose death on April 23 has been recorded in our issue of April 29, was born in Grand Rapids, Mich., July 4, 1847. She lived several years in New York, but returned to Michigan and was married to Mr. Dunkley at Kalamazoo in 1878. Of the seven children born of the union five survive her, all living at the family home. Death was due to heart failure of which she had complained since February. Interment was in the family lot at Riverside cemetery.

COLUMBIA, PA.—A portion of the greenhouse owned by Lieutenant William Ahrens was destroyed by fire at an estimated loss of \$500.

LONG BEACH, CAL.—Rees & Compere have an extensive collection of hybrid amaryllis, many of which are to be named and placed on the market.

NEVADA, MO.—J. W. Primmer on May 9 and 10 gave away 3,000 carnations, part of them to the state asylum, part to the hospital at Sedalia and the remainder to the women clerks of the city.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1905 is entitled to a five-line WANT ADV. (situations only) free to be used at any time during the year.

Situation Wanted—As gardener; German, married, one child; 16 years' experience. All references. Private place preferred. Address Box 309, care American Florist.

Situation Wanted—By a good, practical florist in roses, carnations, 'mums and bedding plants; also a good propagator; English, single; south preferred. Box 318, care American Florist.

Situation Wanted—By a young man single, with 4½ years' experience on retail place. Best of references. New York or Massachusetts preferred. Please state wages with or without board. F. A. FEHLEN, Medford, Mass.

Situation Wanted—By Hollander (engaged) representing European firms in bulbs, seeds, nursery stock, etc.; wants position with American firm. References given. Letters stating full particulars. Box 307, care American Florist.

Situation Wanted—By good all-around florist, single German, 36 years of age; life experience in roses, carnations and general stock; fully competent to take charge of medium sized place. At liberty May 15th. State wages and particulars in first letter. Box 466, Washington C. H., O.

Help Wanted—Good grower to take charge of small place at once. Address Box 310, care American Florist.

Help Wanted—An all around man, German preferred. State wages wanted without board. O. R. DEMMLER, Eau Claire, Wis.

Help Wanted—Two men experienced in greenhouse work and gardening. Apply at once to MUIR, 3530 Michigan Ave., Chicago.

Help Wanted—Experienced single man for general greenhouse work. Address Mrs. WILCE, 708 W. Harrison St., Chicago.

Help Wanted—At once, two good men for sections—roses and carnations. Good, steady places for good men. Address C. H. FREY, 1133 O St., Lincoln, Neb.

Help Wanted—Florist to grow cut flowers and pot plants; to take charge of 6,000 feet of glass. Answer with reference, description and wages expected with board etc. Address Box 311, care American Florist.

Help Wanted—An experienced and competent florist and landscape gardener; only one thoroughly competent need apply. Salary, \$540 per annum and living. Address T. C. BIDDLE, Supt. Topeka (Kansas) State Hospital.

Help Wanted—Competent working foreman for greenhouses near Chicago. One thoroughly experienced in the growing of cut flowers for the wholesale market. State references and wages wanted. Box 316, care American Florist.

Help Wanted—Man to work in rose house; also one in carnation house; must have experience and come well recommended. Good pay to the right man if competent and understands his work. Apply to J. M. GASSER Co., Rocky Row, O.

Help Wanted—A reliable, sober and industrious vegetable grower and one or two helpers, in a growing southern town of 40,000 inhabitants; married man preferred; good opportunity for the right man. Address Box 320, care American Florist.

Wanted to Rent—By June 15, 2,000 to 10,000 ft. of glass near St. Louis. Got valuable stock for 2,500 feet. Address Box 319, care American Florist.

An Opening—For greenhouse and nurseryman combined at Alexandria, Minn. Address W. K. BARNES, Alexandria, Minn.

For Sale—Coil boiler, 25 pipes, 4 ft. long, 1½ inch, at \$15.00. Address C. WINTERICH, Defiance, O.

For Sale—A good business, in a fine town. Doesn't require a fortune. Investigate. Address Box 221, care American Florist.

For Sale—Retail flower store; reasonable. Reason for selling, party going west. Address Box 314, care American Florist.

For Rent—Small greenhouses, about 4,000 sq. ft. of glass. Address A. AKERS & Co., Johnstown, Pa.

For Sale—Nine greenhouses, dwelling house and barn, 3½ acres of land, for sale cheap at Newtown, Pa. H. W. WIELAND, P. O. 109, Newtown, Pa.

For Sale—4 inch cast iron pipe at 6c per foot. One Kroeschell boiler, extra large size, cost over \$500 for \$150. Address HELLER BROS., New Castle, Ind.

For Sale—Two tubular horizontal boilers 60 inch diameter, 22 feet long with 18 6-inch flues. Safety valves, manheads, bolts, etc., complete. \$125 each. Address PROVIDENT CHEMICAL WORKS, St. Louis, Mo.

For Sale—A good florist business in a western city of 60,000 can be purchased at a great sacrifice. Well established trade and prospects for future bright. Is worth \$1,700, but will dispose of business for \$700 cash. Ill health cause of disposition of business. Box 317, care American Florist.

For Sale—Owing to the death of the proprietor, the greenhouses and stock of the Lake Geneva Floral Co., established in 1890 are offered for sale. A good opening for a practical man. W. H. HAMMERSLEY, Lake Geneva, Wis.

For Sale—Old age compels me to quit business. I offer my two greenhouses, well stocked, No. 17 Hitchings boiler, pipes, house of seven rooms, lot, hothed, sash, etc., for sale cheap. City of 8,000 inhabitants, sixty-five miles from Chicago. Shipping facilities in all directions. Splendid location for a hustler, with no greenhouse inside of twenty-eight miles. Will sell greenhouses alone if desired. Correspondence solicited. CHARLES FAUST, Harvard, Ill.

For Sale—In a city of 50,000 inhabitants, an old established greenhouse plant of about 30,000 feet of glass devoted to cut flowers and bedding plants, mostly wholesale; also ten acres of land, six room dwelling and barn; all built six years ago. First-class market for roses; there are none grown here to speak of. Reason for selling, want to retire from business. For particulars, address E. J. BOLANZ, Akron, O.

For Sale—Attention to other business necessities selling my well stocked greenhouses, 2½ miles from Chicago, growing cut flowers for the wholesale market. About 60,000 feet of glass, newly built with both steam and hot water heat. New boilers, wagons, horses and everything essential to the business. House and barn included in the property. Will sell cheap for part cash and balance long time. A money maker. Will pay to investigate. Address Box 317 care American Florist

For Rent—At Frederick, Md., greenhouses 18x63, 12x102, 20x162, boiler room 18x60, equipped with No. 8 Furman boiler, and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure, labor cheap, city water; no stock on hand. Rent \$300 per annum, half payable in advance every six months. Ill health of owner compelled retirement from successful business; principally vegetables under glass and mushrooms for Washington and New York. HENRY TRAIL, Frederick, Md.

For Sale—Our entire plant, 10 greenhouses, about 25,000 ft. glass, nearly all 16x24 inches in size, and double thick. Iron and cedar posts, cypress bars; business established over 30 years, but entirely rebuilt in last 10 years; heating, hot water under pressure. A large percentage of income is from cut flowers and floral work; entire products sold retail. Receipts all right, books open. Terms easy. We are only 20 miles from Massachusetts state line, with some of N. H. fine summer resorts near us. Address ELLIS BROS., Keene, N. H.

FOR SALE.

A good cut flower business, amounting to \$4,000 or \$5,000 a year, with 2,000 square feet of glass, 6-room house, and lot 58x120 feet, on two of the most traveled streets in a city of 60,000 population. Or will lease to the right party. Apply to

Mrs. Ida M. Latsbaw, 325 W. 9th St., Pueblo, Col.

FOR SALE...

A valuable greenhouse property consisting of four houses, 6x40, 20x162, 20x102, 50x100; all heated with hot water. These houses are all of iron frame construction of the most modern pattern, and in finest of condition. All stocked with fancy carnations of best selling varieties. Only two hours from New York City and splendid shipping facilities at all times. These houses with land will be sold at a reasonable figure and no easy terms. A good chance for a wide awake man with brains, energy and some ready money. Don't bother with this unless you mean business. XY Z, care Am. Florist, 429 6th Ave., New York.

FOR SALE About 50,000 feet of glass nearly all devoted to carnations, one house of roses and one of asparagus plumosus; houses in splendid condition; two built last summer; 72-inch by 16 ft. boiler heats the place with ease; another large boiler in reserve. Michigan's great coal field but a short distance furnishes coal at a very low price. A splendid wholesale and retail trade well established; one of the best shipping points in Michigan, reaching with ease and comparatively short time, Chicago, Milwaukee, Buffalo, Detroit, the Saginaw valley and all points east, west, north or south. Splendid trade in field-grown carnation plants as well as rooted cuttings. Stock in fine condition. Soil and climate just suited to growing carnations—both quantity and quality. Splendid water privilege for field and houses. An exceptional chance for some one to step into a well established business. Will also sell or rent a large or medium sized house. For further particulars, address Box 228, care American Florist.

For Sale

The florist plant and business of the late Edward H. Howland, Holyoke, Mass. This plant consists of 31,860 square feet of land in the center of the city, with a complete and modern greenhouse equipment. The business is a wholesale and retail business and is the leading establishment in a city of 50,000 people. For particulars apply to

N. B. AVERY, Administrator,
24 Dwight Street, HOLYOKE, MASS.

SOMETHING NEW.

NOW that the season for Wild Smilax is over and no more stock can be supplied, I wish to call your attention to the Branches of the **Huckleberry Tree** as a most elegant Decorative Green.

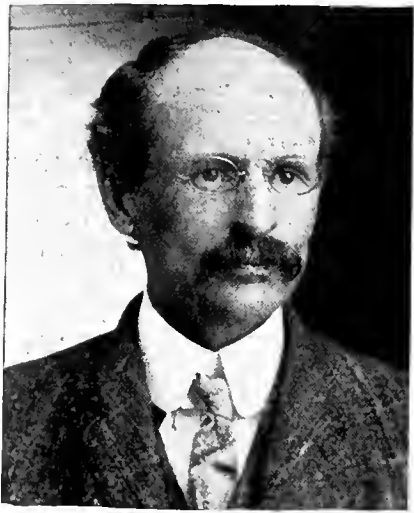
It is largely used by the Florists of the Pacific Coast, Washington and Oregon, in Decorations. The Branches are FLAT, very thickly furnished with exceedingly lustrous, green leaves and it seems to adapt itself to almost any position in decoration that the Wild Smilax can be used in.

As the introducer of Southern Wild Smilax, I think you can give me credit for knowing a good thing when I see it, and I am convinced that in Huckleberry Branches you will have a very beautiful substitute for the Wild Smilax, of great value to you through the months of May and June.

I am anxious to get the Verdict of the Floral Trade on this introduction and offer to send you a Case on Suspicion, price \$2.50 per Case if it suits you, nothing if it does not. Will you try a case on these terms?

Yours very truly

Caldwell The Woodsman,
EVERGREEN, ALABAMA.



CALDWELL THE WOODSMAN.
The Man Who Gave You the Wild Smilax.

New Crop Hardy Ferns Now Ready FANCY... \$1.25 per 1000
DAGGER 1.00 per 1000

Please mention the American Florist when writing.

H. M. ROBINSON & CO.

Hardy DAGGER FERNS, \$1.50 and \$2.00 per 1000.

BRONZE and GREEN GALAX, \$1.00 per 1000.

BOUQUET GREEN, \$7.00 per 100 pounds.

Sphagnum Moss, Laurel Festooning and Leucothoe Sprays.



MEMORIAL DAY



FLORISTS' SUPPLIES OF ALL KINDS

Such as Milkweeds, Cape Flowers, Immortelles, Cycas Leaves, Ribbons, Cut Wire and Wire Designs, and all kinds of Letters.

ORDER EARLY. Owing to the late Spring the supply of FERNS will be Limited.

8 and 11 Province St., BOSTON, MASS.

Decoration Day Goods **ADVERTISE THEM NOW.**

"We Can Deliver the Goods."

You can be sure when you send us an order that "We Can Deliver the Goods." The kind of goods you want, when you want them, and the way you want them. We have plenty of stock on hand now, the best of all the most seasonable varieties.

Weiland & Risch,

Leading Western Growers
and Shippers of Cut Flowers.

59 Wabash Ave., CHICAGO.

Telephone Long Distance Central 879.

American Beauty	Per doz.
30 to 36 inch stem.....	\$5.00
24-inch stem.....	3.00
20-inch stem.....	2.00
15-inch stem.....	1.50
12-inch stem.....	1.00
Short stem, per 100, \$4.00 to \$6.00	
	Per 100
Brides, Bridesmaids.....	\$3.00 to \$ 6.00
Kaiserin Golden Gate.....	4.00 to 8.00
Liberty, Chateaux.....	4.00 to 10.00
Carnations.....	1.25 to 2.00
" large and fancy.....	3.00
Peonies..... per doz., 50c to 75c	5.00
Poet's Narcissus.....	1.00
Valley.....	3.00 to 4.00
Callas..... per doz., \$1.00 to \$1.25	
Tulips.....	3.00 to 4.00
Easter Lilies..... per doz., \$1.50	
Sweet Peas.....	.75 to 1.25
Mignonette.....	.35 to .75
Marguerites.....	1.00
Shasta Daisies.....	1.50
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri.....	3.00 to 4.00
Ferns..... per 100, \$3.00	.30
Galax..... per 1000, \$1.25	.15
Leucothoe.....	1.00
Adiantum.....	1.00
Smilax..... per doz., \$1.50	12.00

SUBJECT TO CHANGE WITHOUT NOTICE.

**GRANDIFLORA
Jasmine Buds**

Our Buds Are EXTRA GOOD, but
the Supply Will Be Limited.

We have an experienced packer. Your buds will reach you in good condition.

PRICES: \$6.50 per 1000; 75c per 100.

TERMS: Cash with order. Address

**CAPT. J. M. WEEMS,
ALVIN, TEXAS.**

Please mention the American Florist when writing.

HARDY CUT FERNS



FANCY or DAGGER, guaranteed to be first quality and nice stock, \$1.00 per 1000 for Dagger Ferns; \$1.25 for Fancy Ferns. Sphagnum Moss, nice quality, 50c per barrel. Laurel Roping, well put together only \$3.50 per 100 yards. Bouquet Green, loose, 4 1/2c per pound. 4 1/2c per yard, hand made and well put together. Cash with all orders. All orders by mail or dispatch promptly attended to or long distance telephone.

THOMAS COLLINS, Hinsdale, Mass.

Please mention the American Florist when writing.

George Cotsonas & Co.

Wholesale and Retail Dealers
in all kinds of



Evergreens.

Fancy and Dagger
Ferns, Bronze and
Green Galax,
Phone 1202 Mad. Sq.

Main Store, 45 W. 29th St., **NEW YORK.**

Asparagus Plumosus,

50 CENTS PER STRING.

Carnation Blooms and Rooted Cuttings.
Good stock.

W. H. WATSON, Lapeer, Mich.

**NEW CROP
Dagger Ferns**



\$1.50 per 1000.
They are the finest
and largest ferns ever sold.

FANCY FERNS, \$1.50 per 1000.

**Bouquet Green, \$7.00 per 100 lbs. Bouquet Green
Wreaths and Laurel Wreaths, all sizes and prices.**

**Laurel Festooning, extra fine and full, 4c, 5c and 6c per
yard, and made fresh daily from the woods. Send for sample of our
Laurel Wreaths for Memorial Day use.**

Bronze and Green Galax, 75c per 1000. Discount on large orders.

**Send us your orders for Memorial Day NOW
and you will get the best to be had and at rock-bottom prices.**

Satisfaction guaranteed. No matter how large or small the order it will be filled promptly and with the best and freshest stock right from the woods. Telephone and telegraph orders will receive immediate attention.

Telegraph Office, New Salem, Mass. Long Distance Telephone Connection.
TELL US YOUR WANTS: WE WILL DO THE REST.

CROWL FERN CO., - - MILLINGTON, MASS.

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**Floral.....
Arrangement.**

The first special newspaper in
the world for floral arrangement.

250 ILLUSTRATIONS ANNUALLY.

Specimen number free.
Subscription, \$2.40 yearly.

**BINDEKUNST-VERLAG,
J. Olbertz, ERFURT, GERMANY.**

CORK BARK

For Window Boxes. Flat or Cylindrical.

BIRCH BARK in large sheets.

**CLARE & SCHARRATH 170 E. Madison St.
CHICAGO.**
Mrs. Prepared Palms and Artificial Flowers.

N. Lecakes & Co.

53 W. 28th St., New York.



Tel. No. 1214
Madison Square
Stands at Cut
Flower Exchange
Coogan Bldg., W.
26th Street & 34th
Street Cut Flower



Market. Specialties: Galax Leaves, Ferns and
Leucothoe Sprays, Holly, Princess Pine and all
kinds of Evergreens.

Green and Bronze Galax Leaves, \$1.00 per 1000.

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**National Florists' Board of Trade,
Office: 55 Pine Street, New York.**

Credit Reference Book. A subscription to our
Credit List will cost you \$10 a year, and it may
save you \$100 the first month. Special Reports.
We make a specialty of this part of our work.
Collections. We collect slow and doubtful ac-
counts. Why not go through your books at once
and send us all the claims that are in arrears?

**Always mention the American Flo-
rist when you order stock.**

New Crop Cut Fancy and Dagger Ferns READY MAY 1. Prices: Fancy, \$1 25 per 1000; Dagger, \$1.00 per 1000. Special quantity quotations on application.

BOOK NOW AND BE SURE OF A SUPPLY.
CROP SHORT THIS SEASON.

E. A. BEAVEN, - - Evergreen, Ala.

E. H. Hunt,
WHOLESALE
Cut Flowers

"THE OLD RELIABLE."

76 Wabash Ave., ...CHICAGO.

Please mention the American Florist when writing.

Wholesale Flower Markets

MILWAUKEE, May 17.

Roses, Beauty, long, per doz.	3.00@4.00
" " med.	2.00
" " short	.50@1.00
" Liberty	4.00@ 8.00
" Chatenay	4.00@ 8.00
" Bride, Bridesmaid	3.00@ 6.00
" Meteor, Golden Gate	3.00@ 6.00
" Perle	2.00@ 5.00
Carnations	1.00@ 3.00
Smilax	15.00
Asparagus sprays	2.00
Valley	3.00
Adiantum	1.50
Callas	8.00@10.00
Harrisli	6.00@10.00
Tulips, Daffodils	2.00@ 3.00
Pennies	4.00@ 5.00
Sweet Peas	.75@ 1.00

PITTSBURG, May 17.

Roses, Beauty, specials	20 00
" " extras	15.00
" " No. 1	6.00@ 8.00
" " ordinary	2.00@ 4.00
" Bride, Bridesmaid	8.00
" Meteor	6.00@ 8.00
" Liberties	12.00
" Perle, Chatenay	8.00
Carnations	1.00@ 3.00
Lily of the valley	2.00@ 4.00
Smilax	10.00@15.00
Asparagus, strings	25.00@50.00
Asparagus Sprengeri	25.00@50.00
Lilies	3.00@ 8.00
Adiantum	1.25@ 1.50
Mignonette	2.00@ 3.00
Sweet Peas	.20@ 1.00

CINCINNATI, May 17.

Roses, Beauty, per doz.	1.00@ 4.00
" Bride, Bridesmaid	3.00@ 6.00
" Liberty	4.00@ 8.00
" Meteor, Golden Gate	4.00@ 8.00
Carnations	1.00@ 3.00
Lily of the valley	3.00@ 4.00
Asparagus	50.00
Smilax	12.50@15.00
Adiantum	1.00@ 1.50
Callas	8.00@10.00
Asparagus Plumosus and Sprengeri in bunches	.35c per bunch
Harrisli	12.50@15.00
Marguerites	.35

St. Louis, May 17.

Roses, Beauty, long stem	2.00@ 2.50
" " medium stem	1.00@ 1.50
" " short stem	.35@ .75
" Bride, Bridesmaid	2.00@ 4.00
" Liberty	2.00@ 5.00
Carnations	1.00@ 3.00
Smilax	15.00
Asparagus Sprengeri	1.50@ 3.00
" Plumosus	25.00@50.00
Ferns, fancy	per 1000, 2.50
Adiantum	1.00
Lily of the valley	1.00@ 2.00
Callas	6.00@10.00
Easter lilies	6.00@10.00

CLEVELAND, May 17.

Roses, Beauty, per doz.	.50@ 3.00
" Bride, Bridesmaid	3.00@ 8.00
" Meteor	4.00@10.00
Carnations	1.50@ 3.00
Smilax	20.00
Asparagus, strings	25.00@50.00
" Sprengeri	1.00@ 2.00
Common ferns	2.50
Sweet peas	.50@ 1.00

DEAMUD Has
WILD SMILAX,
FANCY FERNS,

ROSES, CARNATIONS, VALLEY, and everything seasonable in quantity.
Send your orders to me.

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CHICAGO.

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Wholesale Cut Flowers

462 Milwaukee Street,

MILWAUKEE, WIS.

CHAS. CHADWICK,

COR. FULTON & LAGRAVE,

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WHOLESALE and RETAIL FLORIST.

High-Grade Cut Blooms.

Carnations, Roses, 'Mums, Violets, Etc.

Choice American Beauties a Specialty.

Artistic Designs on Short Notice.

Good Shipping Facilities to all Michigan Points.

—A TRIAL ORDER SOLICITED.—

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AMERICAN BEAUTIES.

Cut Roses—American Beauties and all kinds of Tea Roses at lowest prices. Trial orders solicited.

HELLER BROS., New Castle, Ind.
South Park Floral Company

Please mention the American Florist when writing

—FANCY—

CARNATIONS and ROSES

Pittsburg's Largest and Oldest Wholesalers.

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Wholesale Florists,

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WRITE FOR SPECIAL PRICES.

—BUY YOUR—

Cut Flowers, Florists' Supplies,

WIRE DESIGNS at

THE FLOWER GROWERS' MARKET,
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Don't Run any Risk in having your orders delayed on account of the Chicago Teamsters' Strike.

No Strike at Cincinnati, O. and plenty of Stock.

Send in your orders and they shall be filled promptly. All flowers sold at prevailing market prices.

Peter Weiland,

128 East Third Street,

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Or NEW CASTLE, IND.

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Successor to BRANT & NOE FLORAL CO.

GROWER OF

60 Wabash Ave., CHICAGO.

CUT FLOWERS AT WHOLESALE.

Careful attention given shipping orders.

For Decoration Day:

Bride and Bridesmaid Roses and Carnations.

ASSORTED COLORS. PRICES VERY REASONABLE.

Peonies, Cut Flowers

In splendid assortment for Decoration Day, in crimson, white, rose, pink, etc., etc. Write for prices.

F. A. BALLER, Bloomington, Ill.

It is good business policy to mention

The...
AMERICAN FLORIST

When you write to an advertiser.



We carry the most Complete Line of General Florists' Supplies in the West. Illustrated Catalogue free. Telegraph at our expense for latest quotations on any Cut Flower Supplies.

A Daily Shipment From 40 to 60 Growers

WE ARE STRICTLY HEADQUARTERS FOR
PEONIES,

ALL COLORS,
\$3.00 to \$6.00 per 100; 50c to 85c per doz.

We Can and Will Supply Your **MEMORIAL DAY**
WANTS TO ADVANTAGE.

Please send us list of your probable needs for estimate.

E. F. WINTERSON COMPANY,
45-47-49 Wabash Ave., CHICAGO.

CURRENT PRICES.

For Week of May 18th to May 25th.

Roses.	Per dozen.
American Beauty, 30 to 40 in.....	\$2.00 \$3.00
" 20 to 24 in.....	1.50 2.00
" 12 to 16 in.....	1.00 1.50
" 8 inches.....	.75 1.00
" Short.....	.50
	Per 100
Bride, Bridesmaid, Gate, Perle...	3.00 to 6.00
Roses, Our Selection.....	4.00
Liberty.....	4.00 to 6.00
Carnations.	Per 100
Fancy.....	\$3.00
Good Average.....	1.50 to 2.00
Fair Stock, for bargain sales (Our Selection) Per 1000, \$10.00	
Easter Lilies, select.....	6.00 to 12.00
Callas.....	8.00 to 10.00
Tulips, double.....	2.00 to 4.00
" Single.....	2.00 to 4.00
Daffodils, double, extra fine.....	2.00 to 4.00
Valley.....	2.00 to 4.00
Asparagus Plumosus, per string.....	.25 to .50
Asparagus Plum. Sprays.....	2.00 to 5.00
Asparagus Sprengerl.....	2.00 to 5.00
Common Ferns, per 1000, \$1.50 to \$3	.30
Galax Leaves.....	1.00 to 1.25
Smilax, per dozen, \$1.50 to \$2.00	
Adiantum.....	.75 to 1.00
Pansies.....	.25 to 1.00
Peonies, per doz., 60c to 85c.....	3.00 to 6.00
Sweet Peas.....	.50 to 1.00

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THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

32, 34, 36 RANDOLPH ST.,
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

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PLANT NOW

Lily of the Valley

FOR JUNE WEDDINGS.

Selected Valley Pips from cold storage, thoroughly frozen, \$13 per 1000; \$1.50 per 100.

H. N. BRUNS,

1409 W. Madison Street, CHICAGO.

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Michigan Cut Flower Exchange,

WM. DILGER, Mgr.

Fancy and Dagger Ferns. All Cut Flowers in Season.

38-40 Miami Ave. DETROIT, MICH.

Decoration Day Specialties.

Harrisii Lilies Extra long stem, large blooms, \$10.00 to \$12.00 per 100.

Red Gladiolus Our Specialty, per dozen, \$1.50.

Peonies White, Pink, Red and all other seasonable stock. You Will Make No Mistake in Placing Your Orders With Us.

ZECH & MANN, CHICAGO. 51 Wabash Ave.

Wholesale Flower Markets

CHICAGO, May 17.

Roses, Beauty, 30 to 36-in. stems	3.00@ 4.00
" " 20 to 24 "	2.00@ 2.50
" " 15 to 18 "	1.50@ 1.60
" " 12 "	.75@ 1.00
" Liberty.....	6.00@10.00
" Cbateny.....	3.00@ 8.00
" Bride, Bridesmaid.....	3.00@ 6.00
" Golden Gate.....	3.00@ 6.00
" Gen'l MacArthur.....	4.00@10.00
Carnations.....	1.50@ 2.00
" fancy.....	3.00
Valley.....	2.00@ 4.00
Asparagus Plumosus, per string 25 to 50c	2.00@5.00
" Sprangerl.....	2.00@ 5.00
Leucothoe sprays.....	1.00@ 1.25
Galax Leaves, Bronze, per 1000.	\$1.25 .20
Adiantum.....	.75@ 1.00
Fancy ferns..... per 1000	1.50@ 3.00
Smilax.....	15.00@20.00

Poehlmann Bros. Co.

Wholesale Growers of

and Dealers in **Cut Flowers**

All telegraph and telephone orders given prompt attention.

Greenhouses: 35-37 Randolph Street, Chicago. Morton Grove, Ill.

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and Growers of **Cut Flowers**

GREENHOUSES: HINSDALE, ILL.

Please mention the American Florist when writing.

WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

51 Wabash Ave., CHICAGO.

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GEO. H. ANGERMUELLER

Wholesale Florist

Cut Flowers and Florists' Supplies. CONSIGNMENTS SOLICITED.

1324 Pine Street, St. Louis, Mo.

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

AGENTS FOR THE EVERLASTING GREENHOUSE TILE BENCH.

52 and 54 High Street, CLEVELAND, OHIO.

Please mention the American Florist when writing.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varietise FLOWERS in Season. FANCY and DAGGER FERNS.
FLORISTS' SUPPLIES all kinds.
Long Distance Telephone, 6268-6267 Main.

GRAFTED ROSE STOCK.

Now is the time to order for summer flowering.
KAISERIN and CARNOT, 2 1/4-inch pots, \$15.00 per 100; \$120.00 per 1000
OUR ROOT STOCK.
KAISERIN, CARNOT, BRIDE and BRIDESMAID, 2 1/4-inch pots, \$4.00 per 100; \$35.00 per 1000.
I have splendid plants of AMERICAN BEAUTY, clean and free from spot; \$6.00 per 100; \$50.00 per 1000.
W. H. ELLIOTT, Brighton, Mass.

—THE—
J. M. McCullough's Sons Co.
WHOLESALE
FLORISTS
ALSO SUCCESSORS TO
THE CINCINNATI CUT FLOWER CO.
CONSIGNMENTS SOLICITED.
Special attention given to Shipping Orders.
816 WALNUT ST. CINCINNATI, O.
Please mention the American Florist when writing.

Wholesale Flower Markets

(BOSTON, May 16.)

Roses, Beauty, best	20.00@25.00
" " medium	12.00@20.00
" " culls	6.00@ 8.00
" Bride, Bridesmaid	4.00@ 6.00
" Extra	8.00@12.00
" Liberty	1.00@ 8.00
Carnations	1.00@ 1.50
" Fancy	1.00@ 2.00
Lily of the valley	2.00@ 3.00
Smilax	12.00@16.00
Adiantum	1.00
Asparagus	35.00@50.00
Violets	.35@ .50

PHILADELPHIA, May 16

Roses, Tea	3.00@ 4.00
" extra	6.00@ 8.00
" Liberty	4.00@15.00
" Queen of Edgely, extra	15.00@25.00
" firsts	10.00@12.00
" Beauty, extra	15.00@25.00
" firsts	10.00@12.00
Carnations	1.50@ 4.00
Lily of the valley	3.00@ 4.00
Asparagus	25.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Gardenias	.12@ .15
Mignonette	2.00@ 3.00
Easter lilies	6.00@ 8.00
Callas	6.00@ 8.00
Sweet Peas	.75@ 1.50

BUFFALO, May 16.

Roses, Beauty	4.00@25.00
" Bride, Bridesmaid, Meteor	2.00@ 8.00
Carnations	1.00@ 3.00
Harrisii	8.00@10.00
Lily of the valley	1.00@ 4.00
Asparagus, strings	40.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Lilium Longiflorum	6.00@10.00
Sweet peas	.40@ .75
Tulips	1.00@ 2.00

Pittsburg Florists' Exchange,

WHOLESALE FLORISTS
and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.
Send for weekly price list and prices on large orders.
Please mention the American Florist when writing.

J. B. MURDOCH & CO.

WHOLESALE FLORISTS,
FLORISTS' SUPPLIES.

545 Liberty Ave., PITTSBURG, PA.
Please mention the American Florist when writing.

RICE BROTHERS,

128 N. 6th St., MINNEAPOLIS, MINN.
Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers Billed at Market Prices.
Shippers of choice Cut Flowers and Greens of all kinds. Try us.

Zech & Mann

Wholesale Florists

Room 218, 51 Wabash Ave., CHICAGO.
Telephone, Central 3264.

H.G. BERNING

Wholesale Florist

402 Pine St., ST. LOUIS, MO.

C. A. KUEHN,

Wholesale Florist,

1122 Pine St., ST. LOUIS, MO.
A Complete Line of Wire Designs.

Beauties and Valley } THE LEO NIESSEN CO.

1217 Arch St., PHILADELPHIA, PA.

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KENNICOTT BROS. COMPANY

40-42-44 Randolph St., CHICAGO.

Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.

Please mention the American Florist when writing.

Peonies | The Philadelphia Cut Flower Co.

CARNATIONS
ROSES, Etc.

1516 and 1518 Sansom Street,
PHILADELPHIA, PA.

THE RELIABLE Commission House,
Jos. S. Fenrich
 Bell Telephone, 324 Madison Square.
48 W. 30th Street, NEW YORK.

YOUNG & NUGENT
 42 West 26th Street, Wholesale Florists.
 Telephone 2085, Madison Sq.

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

J. K. ALLEN,
 Wholesale Commission Florist,
 106 West 28th Street, NEW YORK.
 American Beauties, Orchids, Roses,
 Carnations, Violets, and Every Variety of CUT FLOWERS.
 Tel. 167 Madison Square. Open every day at 6 a. m.
 Telephone No. 756 Madison Square.



MOORE, HENTZ & NASH
 Wholesale Commission Florists,
 65 and 57 West 26th St., NEW YORK CITY.
 Advice of sale note daily. Statement and check weekly. All consignments large or small receive the same attention. CORRESPONDENCE INVITED.

WHOLESALE WILLIAM GHORMLEY, COMMISSION
 Daily Receiver and Shipper of Fresh Cut Flowers.
 Orchids, Roses, Carnations, Valley, Lilies, etc.
 Telephones 2200 and 2201 Madison Square. 57 West 28th Street, NEW YORK CITY.

JOHN YOUNG,
 Special American Beauties,
 Surpassing Carnations,
 Lily of the Valley, Orchids
 and all Seasonable Flowers.
 61 West 28th St., NEW YORK.
 Telephone 1906 Madison Square.

Original Pioneer House—Established 1871.
JAMES HART
 117 W. 30th St., NEW YORK.

Wholesale and Commission
 Consignments solicited. Shipping orders promptly attended to. Phone 626 Madison.

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John I. Raynor,
 Are the best product of the best growers for the New York Market.
 ADIANTUM CROWEANUM sold here exclusively.
 49 W. 26th St., NEW YORK.
 Tel. 1998 Madison Square.

Walter F. Sheridan,
 WHOLESALE FLORIST,
 Telephone 902 Madison Square.
 39 West 28th St., NEW YORK.

20 years' experience. Tel. 4878 Madison.
JOHN SELIGMAN,
 WHOLESALE FLORIST
 56 W. 26th Street, NEW YORK.
 OPPOSITE N. Y. CUT FLOWER CO.
 Everything in Cut Flowers. Consignments from growers solicited. Prompt returns. Best prices. Satisfaction guaranteed.

Choice Carnations. Selected Roses.
Traendly & Schenck
 NEW YORK CITY,
 44 W. 28th Street, Cut Flower Exchange.
 New Telephone No. 798 & 799 Madison Sq.
 Please mention the American Florist when writing.

Wholesale Flower Markets

NEW YORK, May 17.

Roses, Beauty, best.....	10.00@20.00
" " medium.....	3.00@10.00
" " curls.....	1.00@2.00
" " Liberty, best.....	10.00@15.00
" " medium.....	3.00@10.00
" " curls.....	1.00@2.00
" " Bride, Bridesmaid, G. Gate.....	.50@5.00
" " Kaiserin, Carnot.....	1.50@8.00
Carnations.....	.50@2.00
" " fancy and novelties.....	3.00
Lily of the valley.....	1.00@3.00
Lilies.....	2.00@5.00
Smilax.....	10.00@25.00
Adiantum.....	.50@.75
Asparagus.....	20.00@50.00
Tulips.....	.50@1.00
Violets.....	.15@3.00

THE KERVAN COMPANY,
 WHOLESALE DEALERS,
 All Decorating Evergreens, Celax,
 Leucothos, Mosses, Etc.
 20 W. 27th Street, NEW YORK.
 TELEPHONE 1519 MADISON SQ.

Receivers and Shippers of Cut Flowers.
 Consignments Solicited.
A. L. YOUNG & CO., Wholesale Florists,
 64 West 28th Street, NEW YORK.
 Telephone 3559 Madison Sq.
 Please mention the American Florist when writing.

FORD BROS.
 Receivers and Shippers of
Fresh Flowers
 111 West 30th St., NEW YORK.
 Telephones 3870-3871 Madison Sq.

The Only House Handling the **Victory**
NEW RED CARNATION
 To be Disseminated 1906. Also a Complete
 Line of **Choicest Flowers.**
ALEX. J. GUTTMAN, WHOLESALE FLORIST,
 62 West 29th Street, NEW YORK.
 Telephones: 1664-1665 Madison Square.

N. Y. CUT FLOWER EXCHANGE
 Coogan Bldg., 6th Ave. & W. 26th St., New York.
 Open for Cut Flower Sales at 6
 o'clock Every Morning.
DESIRABLE WALL SPACE TO RENT FOR ADVERTISING.
JOHN DONALDSON, Secretary.

CARNATIONS My Specialty.
 CONSIGNMENTS SOLICITED.
 Prompt Payments. Established 1891.
Alfred H. Langjahr, 55 W. 28th St.,
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 Telephone 3824 Madison Sq.

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DIRECTORY
 Contains the names and addresses of all the Florists, Seedsmeu and Nurserymen in the United States and Canada. Price \$2.00.
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 324 Dearborn Street, Chicago, U. S. A.

EDW. C. HORAN,
 55 WEST 28TH STREET,
 Telephone 421
 Madison Square.NEW YORK.
CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices.

SAN FRANCISCO.
TELEPHONE MAIN 1023.
SIEVERS & BOLAND,
Floral Artists,
33 Post Street, SAN FRANCISCO, CAL.
Please mention the American Florist when writing.

INDIANAPOLIS.
Bertermann Bros. Co.,
FLORISTS,
241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.
Fred. C. Weber,
FLORIST,
4320-4328 Olive St., ST. LOUIS, MO.
Established 1873, Bell, Lindell 676.
Please mention the American Florist when writing.

DENVER.
The Park
Floral Co.
J. A. VALENTINE, DENVER, COLO.
Pres.

MILWAUKEE.
C. C. Pollworth Co.
MILWAUKEE, WIS.
Will take proper care of your orders in
WISCONSIN.



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FLORISTS
1214 F St., WASHINGTON, D. C.

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WILLIAM L. ROCK
FLOWER CO.
Kansas City, Mo.

Palmer's
BUFFALO,
N. Y.

DETROIT.
JOHN BREITMEYER'S
SONS
Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.
Artistic Designs. *****
High Grade Cut Blooms.
We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Wholesale Flower Markets

St. PAUL, May 16.

Roses, Beauty, long, per doz.	5.00
" " med. " .200@	3.00
" " short " .75@	1.50
" Liberty	3.00@ 8.00
" Chatenay	4.00@ 10.00
" Bride, Bridesmaid	4.00@ 6.00
" Gates and Ivory	4.00@ 6.00
" Perle	3.00@ 5.00
Carnations	1.50@ 3.00
Valley	3.00@ 4.00
Tulips	2.00@ 3.00
Sweet Peas .....	.75
Callas	10.00
Harrisil	5.00@ 10.00
Smilax	15.00
Sprenger	2.00
Adiantum	1.00

MINNEAPOLIS, May 16.

Roses, Beauty, long, per doz.	4.00
" " med. " .200@	2.50
" " short " .50@	.75
" Liberty	3.00@ 8.00
" Chatenay	3.00@ 8.00
" Bride, Bridesmaid	3.00@ 8.00
" Meteor, Golden Gate	3.00@ 8.00
" Perle	3.00@ 8.00
Carnations	2.00@ 3.00
Smilax	15.00 @ 18.00
Asparagus sprays	2.00@ 3.00
Valley	3.00@ 4.00
Adiantum	1.50
Common ferns per 1000	3.00
Callas	12.50
Romans, Paper Whites	3.00
Harrisil	12.50@ 15.00
Tulips, Daffodils	3.00

CHICAGO.
P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.
Mail, telegraph or telephone orders filled promptly in best style.
Please mention the American Florist when writing.

Shaffer FLORIST,
14th and Eye Streets,
PHONE, WASHINGTON, D. C.
2416 Main.
Please mention the American Florist when writing.

Blackiston's
Florist
14th and H Sts. N.W.
Washington, D. C.
Please mention the American Florist when writing.

NEW YORK.
LEIKENS
7 East 33rd St., Near Waldorf-Astoria.
Telegraph orders from any part of the country for Boxes, Flowers or Designs for deliveries at residences or steamers faithfully filled.
Please mention the American Florist when writing.

GEO. H. COOKE,
FLORIST
Connecticut Avenue and L Street,
WASHINGTON, D. C.
Please mention the American Florist when writing.

ST. PAUL.
HOLM & OLSON,
ST. PAUL.
THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.
Please mention the American Florist when writing.

GALVESTON.
Mrs. Chas. Eickholt,
2319 AVENUE M,
GALVESTON, TEXAS.
Cut Flowers, Floral Designs, Decorations.
Telephone 1087. All mail, telegraph or telephone orders promptly and artistically filled.
Please mention the American Florist when writing.

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HESS & SWOBODA,
FLORISTS,
1415 Farnam Street, OMAHA, NEB.
Phone 1601 and L. 1682.
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SPRINGFIELD.
Mark Aitken
FLORIST.
378 Main St., Springfield, Mass.
Please mention the American Florist when writing.

ALEX. B. GARDEN,
441 Center Market, WASHINGTON, D. C.
Carnations, Roses, etc.
Wholesale and retail. Telegraph or 'phone.
Please mention the American Florist when writing.

MILLS THE FLORIST,
36 W. Forsyth Street,
JACKSONVILLE, FLA.
Please mention the American Florist when writing.

ATLANTA FLORAL CO.
41 Peachtree Street, ATLANTA, GEORGIA

A. L. RANDALL CO.,

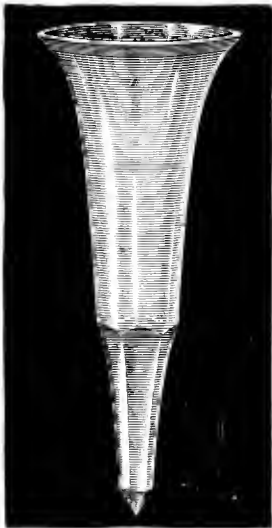
19-21 Randolph St., CHICAGO.

We will have a nice lot of Medium Beauties for decoration. These Beauties were cut back in the winter, and are like new Beauties.

DECORATION DAY PRICE LIST.

American Beauties, long.....	Per 100. \$40.00	Maids and Brides, short.....	Per 100. \$2.00 to \$3.00	Smilax.....	Per 100. \$20.00
" " 24-30 in.....	25.00	Roses, our selection, short, per		Plumbus strings.....	.50
" " 15-20 in.....	15.00	1000, \$20.00.		" sprays.....	3.00
" " 12-15 in.....	8.00 to 10.00	Carnations, fancy.....	4.00	Sprengerl.....	3.00
" " short.....	4.00 to 6.00	" good.....	3.00	Ferns, per 1000, \$3.00.	
Liberties, long.....	8.00 to 10.00	" common.....	2.00	Sweet Peas.....	1.00
" medium.....	6.00	" " our selec-		Peonies.....	6.00
" short.....	3.00 to 4.00	tion, per 1000, \$17.50.		Galax.....	1.00
Maids and Brides, extra select..	6.00	Callas.....	8.00	Jessamine.....	2.00
" " selected.....	5.00	Valley, out-door.....	1.50	Tulips.....	\$2.00 to 4.00
" " medium.....	4.00	" in-door.....	3.00 to 4.00		

For Decoration Day



Clara Cemetery Vases.

PER DOZEN \$3.50 BOXED.

VAUGHAN'S SEED STORE, CHICAGO. NEW YORK.

Please mention the American Florist when writing.

Roses, Carnations, Lilies, Peonies,

Sweet Peas, Marguerites, Daisies, Smilax and Ferns.

For Decoration Day

Place your orders early, to insure the choicest stock. Write, wire or phone.

WM. MURPHY,

Wholesale Florist,

128 E. 3d St., CINCINNATI, O.

Phone—Day, Main 980.

—Night, West 1191-R.

Please mention the American Florist when writing



June Weddings AND Decoration Day SPECIALTIES.

SEND FOR PRICE LIST IF YOU DID NOT RECEIVE ONE.

ORCHIDS, Fancy Valley, Beauties, Tea Roses, Carnations, Callas, Easter Lilies, Peonies, and all Miscellaneous Stock.

A Large Stock of Asparagus, Adiantum, Common Ferns and all Decorative Material Always on Hand.

Also a fine line of Novelties in Florists' Supplies.

[If you want the BEST at any Time, or all the Time, send to

CHAS. W. McKELLAR,

Long Distance Phone, Central 3598. Automatic, 3623.

51 Wabash Ave., CHICAGO

Flowering and Bedding Plants

The following is our list of plants in 2½-in. pots, and in a strong and healthy growth:

Marguerite Carnations.....	Per 100 \$ 1.50	Daisies, large, double pink, Longfellow.....	Per 100 2.00
Coleus, 12 choice varieties.....	3.00	Heliotropes, light and dark varieties.....	2.00
" rooted cuttings.....	1.00	Rose Geraniums, in assorted varieties.....	4.00
Rex Begonias, 12 varieties.....	7.00	Flowering Begonias, 12 choice varieties.....	6.00
Salvias, red, pink and blue.....	2.00	" rooted cuttings.....	3.00
" rooted cuttings.....	1.00	Australian Pea Vines.....	3.00
Cobaea scandens, blue and white.....	3.00	Nasturtium Plants, double yellow flowering.....	8.00
Moonflowers, blue and white, separate colors	5.00	Daisies, large, pure white, Snowball.....	2.00
Centaureas, Imperialis, white, pink and purple.....	3.00	Boston Ferns.....	4.00
Pansies, choice giant-flowering varieties.....	1.00	Cactus Dahlias, in separate colors.....	5.00
Marguerites, separate colors, white, yellow and blue.....	3.00	Japanese Hop Vines.....	5.00
Petunias, single, Giants of California.....	2.00	Sisal Vines or Caracalla phaseolus, white and lilac, corkscrew-shaped flowers.....	10.00
Ivy Geraniums, separate colors, white, pink and crimson.....	7.00	Lobelias, dwarf blue.....	1.50
Verbenas, in separate and assorted colors.....	1.00	Begonias, Vernon, tall, pink shades.....	2.00
Cosmos, Giant, flowering, in mixed or assorted colors.....	1.00	" dwarf, pink shades.....	3.00
		Swainsona, pink and white, in separate colors	7.00
		Aceratum, dwarf white and dwarf blue, in separate colors, and tall blue.....	1.25

NO CHARGES FOR PACKING OR BOXES.

CHAS. C. NAVLET CO., Inc., Florists and Seed Growers, SAN JOSE, CALIFORNIA.

AQUATICS

Nymphaea Zanzibariensis, N. Dentata, N. Devoniensis and others. 10c each or \$6.00 per 100. Water Hyacinths, Water Lettuce, Parrot's Feather, etc., \$2.00 per 100.

B. M. WICHERS & CO., Gretna, La.

BOSTON FERNS

PALMS, DRACAENAS, GERANIUMS, COLEUS, and general bedding stock in large quantities. Write for prices. Cash or satisfactory references.

L. H. Foster Estate, 45 King St., DORCHESTER, MASS.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention at Alexandria Bay, N. Y., June 20-22, 1905.

GENERAL reports show this season to have been the best for several years.

PHILADELPHIA, PA.—W. Atlee Burpee and Howard M. Earl have sailed for Europe.

HENRY FIELD is down for a speech at White's annual roundup on "Advertising Products of the Soil."

INDIANA reports show that in some sections onions will have to be replanted on account of the heavy rains.

VISITED NEW YORK: Arnold Ringier, of Chicago; Fred Lüdemann (nurseryman), San Francisco, Cal., en route to Europe.

THERE is the usual strong demand for early corn. If the early sowings show damage from rains, prices should advance.

ROCKFORD, ILL.—Hiram W. Buckbee is competing with the railroads in the selling of passenger tickets. The latter threaten to make trouble for him.

REPORTS from Wisconsin indicate that peas are doing nicely, being farther advanced than at this time last year. Beans will be planted in about twenty days.

MANY of the onion set fields around Chicago have suffered severely from the heavy rains of last week, some of them having been under a foot of water for a considerable time.

SANTA CRUZ, CAL.—E. Leedham, of the Leedham Bulb Company, is preparing to dispose of the dahlia department of his business and devote his entire time to the cultivation of bulbs for forcing purposes. Despite his advanced age Mr. Leedham continues to enjoy splendid health.

Chicago.

The Goodwin-Harries Company has enjoyed a very satisfactory trade this season, business up to May 1 running considerably ahead of last year. For the last couple of weeks the strike has undoubtedly kept away orders that

3,700 ACRES OF GARDEN SEEDS
IN CULTIVATION.

Braslan Seed Growers Co.

Wholesale Seed Growers.

SAN JOSE, CALIFORNIA.

Please mention the American Florist when writing.

Telegraph Code

OF THE

Am. Seed Trade Association

\$2.00

In either stiff or flexible cover. Address orders to

AMERICAN FLORIST CO., CHICAGO.

would otherwise have been placed in this city.

The Leonard Seed Company reports a very satisfactory business this season and has made contracts for a large acreage of peas, beans and onions.

New York.

William Elliott & Son have opened up their new establishment on Fulton street and expect to be entirely removed from their Dey street location by July 1. In the new premises they have installed an electric elevator, locating it at the entrance to the store. The five floors have been painted throughout, and the firm is to be congratulated upon the appearance of their new home.

Newport, R. I.

Mr. Weaver, of the George A. Weaver Company, is away for a couple of weeks, as he is not feeling quite as well as usual after the hard rush of the past busy months.

C. F. Beerhorst, of Beerhorst & Son, Ltd., of Sassenheim, Holland, called upon the trade here the past week in regard to fall bulbs.

S. W. Smith, representing the Thomas W. Emerson Company of Boston, Mass., has been offering us millets, Hungarian fodder corn and other seasonable seeds this week. X.

Nebraska Seed Crops.

WATERLOO, NEB., May 16.—Preparations have been completed for an increased acreage to be devoted to the growing of seed crops and corn. Work is practically at a standstill, on account of the cool weather and the almost continuous rains. Thus far it has not prejudiced the prospects of the crops, but if the present weather conditions continue, there will undoubtedly be adverse reports.

If the weather clears off, and the normal temperature obtains, there would be every reason to look for a fine crop all along the line, as the ground is thoroughly saturated, removing any fears of damage from want of water.

There is a larger acreage of onion sets hereabouts than were grown last year. With a uniformly fine stand and especially favorable weather for this product, there ought to be no question as to there being a good crop.

Baltimore.

PRICES SAGGING.

A week of delightful spring weather was followed on Sunday by copious and refreshing rains, which were most acceptable, as the surface of the earth was getting dry, there having been no precipitation of appreciable amount for several weeks. The cut flower trade continues fairly active. Several large funerals took up a good share of the best offerings, and with the usual spring festivities maintained an even if not pressing demand until Saturday evening, when nearly everything was cleared out. Roses and all other seasonable stock are coming in, in great quantity and prices necessarily are sagging.

NOTES.

The Gardeners' Club held a smoker on Monday night and had an enjoyable time. Considerable progress was made in providing a fund for the entertain-

ment of the members of the Society of American Florists, who will visit our city during the week of the convention in Washington. It is evident from the spirit evinced that there will be no pains spared in making the reception at once agreeable to the visitors and creditable to the local hosts. No definite plans are fixed, but it is understood the entertainment will consist of drives through the former burned (now the new) district of Baltimore and some of our parks and an excursion on the Chesapeake.

A company is being formed and five acres of ground have been secured for the growing of peonies for market, plants and cut blooms. Theodore F. Wilcox, secretary-treasurer of the Southern Trust and Deposit Company, will be president and general manager, and John J. Carey, secretary to the general manager of the Western Maryland railroad, will be secretary-treasurer. There are now about 6,000 plants on the ground in 300 varieties. The place will be known as the Glyndon Gardens and J. A. Eckman is in charge. The Glyndon Gardens Company is the title of the concern.

Wm. Feast, of the firm of Samuel Feast & Son, has appeared recently on the street driving a large and handsome automobile. This is, so far as known, the only one in use by any of the trade here, and this "red devil" seems intended for pleasure rather than for business purposes.

DEATH OF MRS. MARGARET S. PERRY.

Great regret and profound sympathy were aroused in trade circles here by the death of Mrs. Margaret S. Perry, the wife of John J. Perry, manager of the Florists' Exchange of this city, and secretary for many years of the Gardeners' Club, which occurred May 10. Mrs. Perry, who was well known to members of the craft, was a woman of fine appearance, attractive personality, engaging manners and of most lovely and amiable traits of character. She was at the Exchange during the press of the Easter business, kindly helping the regular force there in the arduous work that busy time imposed upon it, and, it is believed, there overtaxed her strength.

Impressive funeral services were held at her residence on May 11, and floral tributes in great profusion and of the highest character were sent by mourning friends to testify to their admiration and respect for this lovely woman and to express sympathy for her bereaved husband.

Her remains were taken the next morning for interment to Frederick, Md., of which place Mr. Perry is a native. One son, aged about eleven years, survives his mother. This sad event cast a gloom upon all branches of the florists' trade in and around this city. S. B.

HARTFORD, CONN.—A Mrs. Webster of London, Eng., is pursuing the study of school gardens in the school of horticulture at this place.

MARQUETTE, MICH.—A. M. York is soon to build a new greenhouse, 14x100 feet, at Ripley. He is now extending his present house 28 feet.

KALAMAZOO, MICH.—Six new greenhouses are being erected for G. Van Bochove & Brother on Portage street. A new boiler house is also being constructed. The work will be completed about the middle of May.

Vaughan's Seeds for Summer Sowing.



Vaughan's International Primula Mixture.

This mixture is composed of the most salable colors of Single Flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors, enough to give a large variety of colors, the most important shades predominating. It contains some of the Giant sorts, some Fern-leaved some blue; also some with dark leaves and stems. We have taken special pains to make this mixture as complete as possible and unreservedly recommend it to everyone.

Price for International Mixture: 1 packet of 350 seeds, \$.50
5 packets, 1,750 seeds..... 2.00
Per 1-16 ounce..... 2.50

VAUGHAN'S SEED STORE,

84 and 86 Randolph St., CHICAGO.
14 Barclay Street, NEW YORK.

Chinese Primulas With Fringed Foliage.

(Primula Sinesis Fimbriata.)

	250 Seeds.	1000 Seeds.
Alba, pure white	\$.35	\$1.20
Chitwick Red, bright red .....	.50	1.75
Kermeston Splendens, crimson .....	.50	1.75
Atrosanguinea, brightest deep red .....	.50	1.75
Alba Magnifica, snow-white, of excellent form and habit .....	.50	1.70
Glowing Coal, the darkest red .....	.50	1.75
Peach-Blossom, beautiful white with pink hue .....	.50	1.70
Mauve, light soft color .....	.50	1.50
Blue, a clear sky-blue .....	.50	1.70
Upright Deep Velvety Red .....	.50	1.70
Rosea, a bright pink .....	.35	1.20
Bridesmaid, brightest pink .....	.50	1.75
Mont Blanc, large, pure milk-white flowers .....	.50	
Strata, white and lilac striped .....	.35	1.20
Mixed, a splendid variety	1/2 oz., \$3.00	1.25
Fern Leaved, white, pink, or all colors mixed .....	.40	1.25

Vaughan's Columbian Cineraria.

Like our International Pansy Mixture, this strain has given unusual satisfaction. It consists of a mixture made up by ourselves of the choicest English, French and German strains, and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. Trade pkt. (1000 seeds), 50c; 3 pkts., \$1.25.

New large flowering Cineraria, "Old Rose" .....	.50c
Cineraria Hybrida, fine large flowering mixed, 500 seeds	25c
Hybrida Grandiflora Nana, best mixed dwarf	25c
Hybrida Plenissima, extra choice mixed, double	50c
Hybrida Grandiflora, Scarlet Queen	25c

Gloxinia Hybrida.

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and includes such choice new sorts as Emperors William and Frederick, Princess Louise, De-fiance, etc., and we know that better seed is not to be had at any price. Pkt. (1000 seeds), 50c; 3 pkts. for \$1.25.

Calceolaria Hybrida.

Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties, and we know will give entire satisfaction. Trade pkt. (1000 seeds), 50c; 3 pkts. for \$1.25.

LEONARD SEED CO. CHICAGO.

Write for Prices.
WE ARE HEADQUARTERS FOR ONION SETS.

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now. Beans, Peas and Garden Seeds. WRITE FOR PRICES.

BENCH GROWN Adiantum Cuneatum

Very strong, ready for 7 and 8-inch pots, 50c each. Also Asperagus Plumosus, 3 1/2-inch, very strong, 12 1/2c each. Also a few hundred Chrysanthemum Plants, White Bonnaillon and Col. D. Appleton, 3c.

LARGEST GROWER OF CUT FLOWERS IN THE SOUTH.

JOHN WOLF, SAVANNAH, GA.

Seasonable Stock. IN EASTER LILIES, HYDRANGEAS, GENISTAS, SPIRAEA GLADSTONE, RHODODENDRONS.

Palms, Ferns and Decorative Stock.

R. DREYER, WOODSIDE, L. I., N. Y.

THE HORTICULTURAL TRADE JOURNAL.

The largest, brightest, and best advertising medium for the Horticultural Trade in Great Britain, published weekly. Also

THE INTERNATIONAL HORTICULTURAL TRADE JOURNAL.

Published quarterly. Both mailed post free for one year for One Dollar.

PUBLISHERS:

THE HORTICULTURAL PRINTING COMPANY, BURNLEY, ENGLAND.

ROEMER'S SUPERB PRIZE PANSIES

The finest strain of Pansies in the World. Introducer and Grower of all the Leading Novelties.

Highest Award Interust. Exhibition, Dusseldorf, 1904. Catalogue free on application. : : :

FRED. ROEMER, Seed Grower. QUEDLINBURG, GERMANY.

Virginian Grown Bulbs For Forcing. NARCISSUS and DAFFODILS.

Send for Catalogue.

POAT BROS., Ettrick, Va. Please mention the American Florist when writing.



"FOLLOW THE FLAG"

WABASH Summer Tours

Write today for a Free copy of WABASH Summer Tour Book—1905, outlining many very attractive summer vacation trips, with rates, etc.

Write us about any tour you may have in contemplation. We shall be glad to assist you.

C. S. CRANE, G. P. & T. Agent, ST. LOUIS.	F. A. PALMER, A. G. P. Agent, CHICAGO.
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Please mention the American Florist when writing.

Seedsman Wanted.

Wanted at once, one or two first-class salesmen to travel for a large western seed firm. Experienced men only need apply, but position is permanent for right men. Apply giving all particulars with references to

SEEDS, care American Florist.

Please Mention The American Florist When Writing Advertisers.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June 14-16, 1905.

CHICAGO.—The Peterson Nursery office has been moved to 1301 Stock Exchange building, where all communications should be addressed.

Milwaukee.

Business is as good as can be expected for this time of the year. Supplies of all kinds are equal to the demand with some lines, such as lilies overstocked. It has been very difficult to realize satisfactory prices for lilies, as several large lots intended for Easter missed the mark and have come in at this time. Carnations are to be had in large quantities, yet the prices realized are fully equal to former years.

Peonies of extra grade are now arriving in good quantity. Some fine Festiva maxima were noted.

FALL FLOWER SHOW.

The Florists' Club decided at its last meeting to have a fall flower show provided that a guarantee fund of \$1,000 be raised, and the prospects are that this can easily be done. It is proposed to have this show at the new hall, corner Third street and Sycamore, this being an exceptionally fine location. Prizes amounting to about \$800 will be on the premium lists. A special meeting of the Florists' Club has been called for May 16, when further particulars will be discussed.

The partnership heretofore existing under the firm name of Reimer & Radmer has been dissolved by mutual consent. Mr. Radmer has retired from the business and Louis A. Reimer will conduct the business as heretofore at 411 State street. The firm has been engaged in the steam and hot water heating business and has installed many heating plants in greenhouse establishments.

John Arnold, who was recently struck by a street car, is now able to be about again.

Holton & Hunkel Company are receiving some very long stemmed Chatenay roses. V. H.

EAST BROOKFIELD, MASS.—Robert Miller, of the Pincroft Rose Houses, has work well started in his new place, the planting being completed.

Silver Ribbon Grass

The new hardy perennial. The finest ornamental grass to be had—perfectly hardy can be used indoors and out, grows rapidly and does not turn green or run to seed. Strong field-grown roots, 15c each by mail, postpaid. \$1.25 per dozen; \$8.00 per 100 by express, charges not prepaid. Can fill orders at any time. Terms cash with orders.

James Vick's Sons,
ROCHESTER, N. Y.

ROSE PLANTS

STRICTLY FIRST-CLASS STOCK. OWN ROOTS.

De Brabant, Ivory, Meteor, The Bride, Philadelphia Rambler,	White Rambler, Clothilde Soupert, Etoile de Lyon, Maman Cochet	Marechal Niel, White Maman, Duchess of Albany, Helen Gould, Mme. Plantier,	Malmaison, Pink Rambler, Yellow Rambler, Hermosa, Kaiserin Aug. Victoria, Sunrise.
Crimson Rambler, La France, Mme. Chas. Wood,	Perle des Jardins, Vick's Caprice, Capt. Christy, From 2½-inch pots, \$3.00 per 100; \$25.00 per 1000.	Gen. Jacqueminot, P. C. de Rohan, Mme. Plantier, From 2½-inch pots, \$3.00 per 100; \$25.00 per 1000.	

VINCA VAR., 2-inch pots, from cold frame.....\$2.00 per 100
SALVIA..... 2.00 per 100

Packed light and free of charge.

C. M. NIUFFER, Springfield, Ohio

700,000 Cal. Privet

	Per 100	1000
3 yrs., 2½ to 3 ft., extra heavy.....	\$3.25	\$28.00
3 yrs., 2 to 2½ ft., well branched.....	2.50	23.00
3 yrs., 18 to 24 in., ".....	2.00	15.00
3 yrs., 12 to 18 in., 4 to 8 branches.....	1.50	10.00
3 yrs., 3¼ to 4 ft., very heavy.....	3.00	25.00
3 yrs., 2½ to 3 ft., well branched.....	2.25	18.00
2 yrs., 2 to 2½ ft., ".....	2.00	15.00
2 yrs., 2 to 2½ ft., 3 to 6 branches.....	1.50	10.00
2 yrs., 18 to 24 in., 5 to 8 ".....	1.50	10.00
1 yr., 14 to 20 in., 2 to 4 ".....	1.25	7.00
1 yr., 10 to 14 in., 1 to 2 ".....	1.00	5.00
Cuttings, strong.....		.75
Tree form, 3 yrs., heads 4 to 5 feet.....		25c each

All the above plants have been transplanted and cut back except one year, which makes them a clean, good stock. Parties wanting 5,000 or over, will write and get better rates.

River View Nurseries

J. H. O'HACAN.

LITTLE SILVER, N. J.

Please mention the American Florist when writing.

EVERGREENS

Large Assortment.

Specialties—White Pine, Hemlock and Large Evergreens. Spring List for details.

Andorra Nurseries,

Wm. Warner Harper, Prop. CHESTNUT HILL, PA.

Please mention the American Florist when writing.



Send to **THE MOON**
Company
For Trees, Shrubs, Vines
Your } and Small Fruits.
Descriptive Illustrated Catalogue Free
THE WM. H. MOON CO.,
Morrisville, Pa.

Please mention the American Florist when writing.

NOTICE.

W. van Kleef & Sons

Wholesale Growers of Nursery Stock
BOSKOOP, HOLLAND,

Beg to announce that their representative, W. van Kleef, Jr., is again in America calling on the trade. All correspondence during April and May, care Maltus & Ware, 136 Water St., New York.

Please mention the American Florist when writing.

FINE DORMANT 2-year Field-Grown Stock.
Hardy Roses—Gen. Jacqueminot, La France, Magna Charta, American Beauty, Crimson Rambler, etc., first size, 12c; second size, 8c. Hardy Phlox, finest named, strong, 8c. Peonies, strong, finest sorts, 12c. Hydrangea P. G., 10c; splendid tree shaped specimens, 30c. Dahlias, fine, named sorts, 8c. Golden Glow, strong roots, 4c. Hardy Shrubs, Trees, etc., many varieties, prices on application. (See my Adv. of Pot Plants.) Packing free for cash.
W. H. SALTER, Rochester, N. Y.

HARDY ROSES, from 4 and 5-inch pots, many in bud. Magna Charta, Gen. Jacqueminot, Crimson Rambler, Dorothy Perkins, Clothilde Soupert, etc. Large flowered Clematis, 2-year dormant or from 5-inch pots at 18c; 1-year dormant or from 3-inch pots 9c; finest purple, white, lavender and red sorts. Clematis Panicalata, 2-year dormant, strong, 10c; extra 3-year, 15c. Ampelopsis Veitchi, dormant 2-year, 10c. (See my Adv. of Dormant Roses, etc.) Packing free for cash.
W. H. SALTER, Rochester, N. Y.

Hardy Ivies

2½-inch pots, \$4.00 per 100.
Begonia Vernon 2½-inch pots, \$4.00 per 100.
Cash with order please.

CHAS. A. KNAPP, Chestnut Hill, Pa.

Please mention the American Florist when writing.

Jacs Smits, Ltd. NAARDEN.

(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy, Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilies a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand. When in Europe please inspect our nurseries.
NAARDEN-BUSSUM, near Amsterdam, is our R. R. Depot. Mailing address during April and May: JACS SMITS, care MALTUS & WARE, 136 Water Street, New York City.

BABY RAMBLER.

Everblooming Dwarf Crimson Rambler. A gem among Roses. An everblooming, dwarf reproduction of Crimson Rambler. Always in bloom. Every florist in the land should have it. 2½-inch pot plants now ready for delivery, \$2.50 per doz.; \$17.50 per 100; \$150.00 per 1000.

The Dingee & Conard Co., WEST GROVE PA.

Please mention the American Florist when writing.

PEONIES.

Wholesale and retail catalogues ready for distribution. Sent free on application. All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.
PETERSON NURSERY,
503 W. Peterson Ave., CHICAGO.

Cottage Gardens Co. Inc.

QUEENS, LONG ISLAND, N. Y.
SPECIALISTS:
PEONIES, CARNATIONS AND SPECIMEN NURSERY STOCK.

ALWAYS MENTION THE....
AMERICAN FLORIST
WHEN WRITING ADVERTISERS.

Roses, Roses and Roses IT PAYS TO BUY GOOD ROSE STOCK.

We have a fine lot of well rooted plants in 2 1/2-inch pots with good strong tops in elegant condition.

Price of Following List, \$20.00 per 1000; \$2.50 per 100 - 100 or More at 1000 Rate.

Marie Guillot	Pink Rambler	Laevigata	White Maman Cochet	Papa Gontier	The Queen
Marechal Niel	Mary Washington	Mme. Jos. Schwartz	Queen's Scarlet	Lamarque	Princess Sagao
The Bride	Gen. De Tartas	Psyche	Ivory	Climbing Bridesmaid	Jersey Beauty
Bridesmaid	Henry M. Stanley	White Bougers	White Marechal Niel	Marie van Houtte	Pink Roamer
Champion of the World	James Sprunt	Etoile de Lyon	Golden Gate	Mme. F. Krueger	Evergreen Gem
Burbank	Tennessee Belle	Muriel Graham	Parquette	Snowflake	Wichoralana
Duchess de Brabant	Empress of China	Archduke Charles	Gloire de Polyantha	Climbing Marie Guillot	Universal Favorite
Yellow Rambler	Greville (Seven Sisters)	Maman Cochet	Mignonette	Climbing Clothilde Souper	Manda's Triumph
White Rambler					

Following Roses at \$25.00 per 1000; \$3.00 per 100 - 100 or More at 1000 Rate.

Blanche Moreau	Ball of Snow	Crimson Rambler	Coquette des Alps	Glory of Lyonnaise	Countess of Rosebery
Moussellne	Capt. Christy	Coquette des Blanches	Vick's Caprice	Mme. Plantier	F. Levat
Henry Martin	Philadelphia Rambler		New climbing rose, Keyatona, from 2 1/2-in. pot, \$8.00 per 100.		

BEDDING AND MISCELLANEOUS STOCK, from 2 1-2-inch pots.

	Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000
Ageratum, Stella Gurney, White Cap and Princess Pauline.....	\$2.50	\$20.00	Abutilons, assorted.....	\$2.50	\$20.00	Heliotrope, purple.....	\$2.50	\$20.00
Alyssum, Little Gem.....	2.50	20.00	Daisy, white and yellow.....	2.50	20.00	Pansies, strong plants.....	1.00	
Salvia Splendens.....	2.50	20.00	Oleander, white and pink.....	4.00		Asparagus Plumosus, 3-inch.....	6.00	
Violets, California, Ludy Hume			Baby Primrose.....	2.50	20.00	Asparagus Sprenger, 3-inch.....	5.00	
Campbell and Princess of Wales.....	2.50	20.00	Verbena, mixed.....	2.50		Chrysanthemums, good standard sorts, including some new Australian sorts.....	2.50	20.00
Pilea Serpyllifolia, Artillery Plant.....	2.50	20.00	Scented Geranium, assorted.....	2.50		Coleus.....	2.00	18.00
Weeping Lantana.....	2.50	20.00	Fuchsias, assorted.....	2.50		Araucaria, 3 tiers, 75c each, \$7.00 per doz.		
Assorted Lantanas, 5 varieties.....	2.50	20.00	Cestrum Parqui.....	2.50				
			Jasmine, Grandiflorum and Gracillum	2.50				

SPRINGFIELD FLORAL CO., Springfield, Ohio.

WE CAN SUPPLY OUR OLD CUSTOMERS WITH

Grandiflora Cape Jessamine Buds

FOR

DECORATION DAY

And Solicit Inquiries From Those Who Have Never Had Our Stock Direct From Us.

Season Opens May 15 and Extends to June 15.

STANDARD PACK, 75c PER 100; \$6.50 PER 1000; 500 AT THOUSAND RATE.

C. W. BENSON, Alvin, Texas.

—THE—

Tottenham Nurseries, LTD.

Established 1872.

A. M. C. VAN DER ELST, Managing Director.

Dedemsvaart, (Holland.)
Headquarters for Hardy Perennials (among which are the latest and choicest) 13 acres devoted to growing this line as Anemone, Aster, Campanula, Delphinium, Funkia, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata, and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres Daffodils, 12 acres Conifers, (specially young choice varieties to be grown on), 3 acres Rhododendrons (also the best American and Alpine varieties), 2 acres Hydrangeas. We make it a point to grow all latest novelties in these lines. Ask for catalogue.

Everblooming Roses

Surplus stock of Standard varieties of Everblooming Bedding Roses, at prices that will close them out. Strong healthy stock from 2 1/2-in. pots, to include

Bridesmaid, Bride, White Maman Cochet, Mary Washington, Queen's Scarlet, Etc.

Strictly our choice of varieties in good assortment, \$2.00 per 100, \$17.00 per 1000.

The STORRS & HARRISON CO.

PAINESVILLE, OHIO.

Please mention the American Florist when writing.

TREES

Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collections in this country.

Gold Medal—Paris—Pan-American—St. Louis. 102 prizes New York State Fair, 1904.

Illustrated Descriptive Catalogue FREE on Request.

ELLWANGER & BARRY

Mt. Hope Nurseries, Rochester, N. Y.

Drawer 1044 Y

Established 65 Years.

NEW EDITION

TRADE DIRECTORY

NOW READY

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

At Chicago.

The second game of the convention tournament series was rolled at Benzinger's alleys on the evening of May 16. The following are the scores:

Player.	1st.	2d.	3d.	4th.
J. Lambros	178	191	185	114
A. Stevens	157	213	209	199
P. J. Hauswirth	160	162	183	139
Bergman	130	126	195	166
E. F. Winterson	132	164	129	145
Henry Klunder	122	121	112	92
J. P. Degnan	138	192	147	124
George Asmus	143	150	170	198
Chas. Balluff	159	133	149	156
George Scott	140	148	158	170
P. Asternik	146	109	101	130
V. Krietling	149	154	167	130

In the ladies' series the following scores were made:

Player.	1st.	2d.	3d.	4th.
Mrs. E. F. Winterson	103	77	90	
Mrs. George Scott	89	101	74	
Mrs. George Asmus	115	79	111	
Mrs. P. J. Hauswirth	99	83	79	
Mrs. V. Krietling	96	108	110	

Philadelphia Gunners.

The members of the Florists' Gun Club of Philadelphia are doing a great deal to keep up the prestige of the florists in this sport in this city. In a league of gun clubs composed of all the crack shots of the city, they are leaders in a

tournament that has been carried on since last winter, having lost but one match in thirteen, and it is thought they will win the championship. This event would entitle them to rank with any amateur team in the United States.

The following scores were made at a club shoot of 50 targets at their own grounds at Wissinoming, April 25:

F. Coleman	47	Park	41
Harley	47	Chadbourne	40
Westcott	47	Ford	40
E. Coleman	46	Bell	39
McCarty	45	Bevan	39
Harrison	44	Sanford	38
Haywood	43	Pratt	38
Frank	42	Thomas	31
Depew	42		

The standing of the clubs in the tournament is shown in the following table:

	Won.	Lost.
Florists	12	1
Meadow Springs	11	2
Clearview	10	3
Media	9	4
S. S. White	6	7
Highland	4	9
Camden	4	9
Narbeth	4	9
Hill Rod and Gun	3	10
Hillside	2	11

The tournament will consist of twenty contests, each club meeting the others in two matches. K.

At Washington.

F. H. Kramer, superintendent of ladies' convention bowling tournament, announces that the Palace alleys, the finest in city, have been secured for the ladies' tournament. Mrs. Eckstein is president of the ladies' club of this city, and Miss Beatrice Smith, 916 F street, N. W., is secretary. Ladies who contemplate visiting this city and taking part in the tournament are requested to

correspond with Secretary Smith and give particulars as to the number that will be in their party. In return, full information will be given as to accommodations, etc. No pains will be spared to make the tournament a success, or the visit of the ladies an enjoyable one.

S. E.

Kansas City, Mo.

The convention hall management is making arrangements for an extensive exhibition to be held here November 13 to 18 inclusive. The premium list is in the hands of the printer and will be ready for distribution when this issue reaches our readers. Preparations are being made to eclipse all previous records in the flower show line and it is hoped that the liberal prizes, aggregating \$5,000, will attract exhibitors from all parts of the country. George E. Kessler, landscape architect, will be the director of the exhibition. Premium lists may be had on application to Secretary Louis W. Shouse, convention hall, this city.

Los Angeles, Cal.

A delegation of San Francisco florists, headed by S. A. F. State Vice President H. Plath of that city, is expected to make us a visit May 17 to 19. It is to be hoped the boys will give them a rousing welcome.

A new bath house has been erected in Eastlake park.

WETHERSFIELD, CONN.—The grounds around the Connecticut state prison at this place are taken care of by a convict florist.

PALMS

For Decorating and Growing
On for Fall Trade : : : :



I have the largest and Best Stock of **Kentias** that I have ever offered, in all sizes. Home-grown and Healthy. They are exceedingly good value at prices quoted.

KENTIA BELMOREANA

3-inch pots	4 to 5 leaves	12 to 15 inches high	Per doz.	Per 100
4 "	5 to 6 "	15 to 18 "	\$2.00	\$15.00
5 "	6 to 7 "	18 to 20 "	4.50	85.00
5 "	6 to 7 "	20 to 22 "	6.00	60.00
5 "	6 to 7 "	20 to 22 "	9.00	70.00
			Each	Per doz.
6 "	6 to 7 "	22 to 26 "	\$1.00	\$12.00
6 "	6 to 7 "	28 to 30 "	1.25	15.00
6 "	6 to 7 "	30 to 36 "	1.50	18.00
8 "	6 to 7 "	34 to 36 "	2.50	30.00
9 "	6 to 7 "	42 to 48 "	5.00	

KENTIA FORSTERIANA

3-inch pots	5 leaves	12 to 15 inches high	Per doz.	Per 100
4 "	5 to 6 leaves <td>12 to 18 "</td> <td>\$2.00</td> <td>\$15.00</td>	12 to 18 "	\$2.00	\$15.00
4 "	5 to 6 leaves <td>12 to 18 "</td> <td>4.00</td> <td>30.00</td>	12 to 18 "	4.00	30.00
			Each	Per doz.
6 "	5 to 6 leaves <td>28 to 30 "</td> <td>1.00</td> <td>12.00</td>	28 to 30 "	1.00	12.00
6 "	6 leaves <td>30 to 32 "</td> <td>1.25</td> <td>15.00</td>	30 to 32 "	1.25	15.00
6 "	6 "	32 to 36 "	1.50	18.00

MADE-UP KENTIA FORSTERIANA

7-inch pots	4 plants in pot	32 inches high	Each,	\$2.00
8 "	4 "	36 "	"	2.50
12-inch tubs	4 plants in tub	6 feet high, very bushy	"	12.50
12 "	4 "	6 to 7 feet high, very bushy	"	15.00

All measurements from top of pot in natural position.

JOSEPH HEACOCK, Wyncote, Pa.

PETER REINBERG

51 Wabash Ave., CHICAGO.

**Largest Grower of Cut
Flowers in the World.**

ROSES, our selection, \$3.00 per 100; \$25.00 per 1000.

BEAUTIES.	Per doz.
36-in. and up.....	\$3.00 to \$4.00
24 to 30-in. stem..	2.50 to 3.00
20-in. stem.....	2.00
12 to 15-in.....	1.00 to 1.50
Short stems.....	.75
Bride.....	\$3.00 to \$6.00 per 100
Maids.....	3.00 to 6.00 per 100
Meteors.....	3.00 to 6.00 per 100
Uncle John.....	3.00 to 6.00 per 100

Decoration Day PRICE LIST.

SUBJECT TO CHANGE
WITHOUT NOTICE.
ALL OTHER GOODS AT
MARKET RATES.

	Per 100
Cape Jasmines.....	\$1.50 to \$ 2.50
Chatenay	8.00 to 10.00
" seconds.....	4.00 to 6.00
Sunrise	4.00 to 7.00
Liberty, long.....	8.00 to 10.00
medium.....	4.00 to 6.00
CARNATIONS	2.50 to 3.00
PEONIES, 75c to \$1.00	per doz.



THIS VIEW SHOWS ONLY A PART OF OUR RANGE OF 1,000,000 FEET OF GLASS.

Louisville.
TRADE RUSHING.

The previous week has been a very rushing one, but the rainy weather made things rather disagreeable for the sale and planting of bedding stock. Peonies of good grade have begun to come in, and sale of them has opened very satisfactorily. Roses of fair quality can be had in good quantities, with the demand up to expectations. Carnations of good quality are coming in, in great supply and meeting with a good demand. Sweet peas have been very heavily demanded, with the quality and supply about satisfactory. Mignonette was heavily demanded, the quality being fair. A good many daisies have been seen lately, but the demand does not seem to materialize. The warm weather has brought on lilies very rapidly, and now they are somewhat scarce. Greens are scarce.

PLANTS HIGHER IN PRICE.

The recent movement started by some of the members of the Kentucky Society of Florists for the advancement of prices for bedding stock seems to have not resulted in failure as a good many might have thought, owing to all the members not agreeing to sign. It has been in more instances than one that \$1, \$1.50 and \$2 has been charged per dozen for geraniums this year, where before this movement we would have never thought of asking over \$1 a dozen. The fact that two or three are afraid to bring up the price should not be a drawback for the other forty, and those that have raised have nothing to regret, only that they did not raise sooner. If we would let the people pay what they choose, we would be selling 6-inch stock at \$1 a dozen.

Mrs. C. B. Thompson and Fred Haupt have had some very good auratum lilies.

Jacob Schulz picked the first out-of-door sweet peas on May 14. F. L. S.

Omaha, Neb.

A severe hailstorm passed over this city at midnight May 10, causing considerable loss to the florists in the way of breaking glass. The following are the heaviest losers:

S. R. Faulkner.....	850 panes
A. Donaghue	1,300 "
P. E. Floth	425 "
The Arnolds	250 "
Hess & Swoboda.....	1,008 "
P. Paulson	750 "
G. Sorenson	100 "
H. Peterson	100 "
G. Ederer	500 "

The south side florists were especially fortunate, many of them losing not a single pane of glass.

The Nebraska Florists' Club held its regular monthly meeting at the city hall May 11. After the meeting the north side florists defeated the south side in a bowling match by 145 pins.

GRIPPE.

JACKSONVILLE, FLA. — Charles F. Schneider, of Ocala, an expert in German gardening, is considering the idea of establishing an acre of greenhouses here to supply the various hotels of the state with fresh vegetables in midwinter. The cost will be about \$12,000.

DETROIT, MICH.—George W. Davis, who disappeared mysteriously from his greenhouses at Lincoln and Warren avenues a little over a year ago, has returned. During his absence his wife continued the business.

FOR DECORATION DAY

We can look after all your wants in Cut Flowers and will have a full supply of

Fancy Ferns, Roses,
Asp. Plumosus, Carnations,
Smilax and Lily of Valley,
Sprengeri, Peonies,

At Moderate Prices. And all other seasonable stock.

YOU SEND THE ORDER, WE DO THE REST.

Vaughan & Sperry,

60 Wabash Ave., CHICAGO.

SPECIAL OFFER.

Having disposed of my greenhouses I offer stock as follows for the next thirty days, viz.:

	Per 100
8,000 Large Clumps, ASPARAGUS PLUMOSUS.....	\$10.00
5,000 2½-inch SPRENGERI, very large stock.....	2.00
500 6-inch SPRENGERI.....	10.00
2,000 SALVIA Bonfire, 4-inch.....	8.00
1,000 3 year old grafted KAISERINS, in 6-inch pots, now in bud, ready to plant out and produce fine flowers for summer cutting having been dormant all winter.....	10.00

CASH MUST ACCOMPANY ALL ORDERS.

SAMUEL J. BUNTING, Elmwood Ave. & 58th St. PHILADELPHIA, PA.

Please mention the American Florist when writing.

DAHLIA KAISERIN AUGUSTA VICTORIA:

The Best White Dahlia in Existence. My own importation. I control the entire stock of it. Flowers double, of the purest white, 4 to 5 inches in diameter. A wonderful bloomer. Stems, 12 to 18 inches long. Plants 3 to 3½ feet high. The finest plants from cuttings. Good strong stock from 2½-inch pots, \$3.00 per doz.; \$20.00 per 100. Delivery May 1st. Orders filled in rotation. Early booking suggested. Highly commended by the American Institute and the New York Florists' Club. Address

A. L. MILLER, Jamaica Ave., Brooklyn, N. Y.

Please mention the American Florist when writing.

New Dahlias of Proved Merit.

Embracing a complete set of 12 New Century Dahlias; 25 New Cactus Dahlias; New Colletette Dahlias; New Giant-Flowered Dahlias; New Fancy Dahlias; New Decorative Dahlias; New Show Dahlias; New Single Dahlias. In all, 38 of the most wonderful Single Dahlias ever produced, and 44 of the grandest Double Dahlias.

All exquisite in form, shape and coloring; free bloomers and Money Makers. Faithfully and truthfully described in our new illustrated descriptive catalogue, mailed free upon request.

L. K. PEACOCK, Inc., Atco, N. J.

Please mention the American Florist when writing.

Bulbs and Plants.

For florists' use, spring or fall delivery. We import to order. Let us appraise your wants.

AUGUST RÜLKER & SONS, 31 Barclay St., NEW YORK, P. O. Box 752

Please mention the American Florist when writing.

Asparagus Seedlings

From flats. Well grown and thrifty.

Plumosus Naus.....	\$10 00 per 1000
Sprengeri	8 00 per 1000
Large 3-inch Plumosus Naus.....	25 00 per 1000

Cash with order, prepaid. Get our prices on large lots.

Yalaha Conservatories, YALAHA, Lake Co., Fla.

ASPARAGUS PLUMOSUS

Nice stock from 2-in. pots, \$2.25 per 100; \$20.00 per 1000; not less than 500 at 1000 rates.

Cannas. We have 5,000 from 3-in. pots, ready May 1, at \$5.00 per 100, in 20 best varieties.

W. W. COLES, Kokomo, Ind.

A Daily Cut From 40 to 60 Growers

We carry the Most Complete Line of Florists' Supplies in the West. Illustrated catalogue free.

MEMORIAL DAY

Is one of the "HARVEST DAYS" for the Florist. Prepare to "reap your share" by arranging now for a good supply of Cut Flowers, Potted Plants and all requisites. We will have a complete line of the following and you can depend on getting your orders filled in good time:

ROSES, CARNATIONS, PEONIES, CAPE JASMINES, SWEET PEAS, SMILAX, ADIANTUM, ASPARAGUS AND ALL GREENS

Remember you have all to gain and nothing to lose in placing your Memorial Day Order Now

Surplus Stock If you anticipate having any surplus stock in the future, write us and we will advise you as to the possibilities of this market.

MEMORIAL DAY PRICES Taking Effect May 22, 1905

CUT FLOWERS

ROSES—American Beauties—		Per doz.
Select	.....	\$3.00 to \$4.00
Medium	.....	1.50 to 2.50
Short	.....	.75 to 1.00

		Per 100
Meteors, Liberty	.....	\$4.00 to \$10.00
Brides, Bridesmaids, Kaisersins.	.....	4.00 to 7.00
Golden Gates	.....	4.00 to 10.00
Perles	.....	3.00 to 7.00
Good Seconds	.....	4.00
Our Selection, assorted	.....	3.00 to 4.00

CARNATIONS—Extra Select	.....	3.00 to 4.00
Average Quality	.....	2.00

Our supply of Carnations consists of all the new and standard varieties, also novelties

MISCELLANEOUS

CAPE JASMINES, in large quantities	.....	1.00 to 1.50
PEONIES, Red, Pink, per doz., 75c.	.....	5.00 to 6.00
White, per doz., \$1.00.	.....
VALLEY, Extra Select, Indoor	.....	4.00
Outdoor	.....	2.00 to 3.00
MIGNONETTE	.....	.35 to .75
MARGUERITES	.....	.75 to 1.00
FORGET-ME-NOTS	.....	.75 to 1.00
PANSIES	.....	.50 to .75
CALLAS	.....	8.00 to 12.00
HARRISH AND LONGIFLORUM	.....	10.00 to 12.00
SWEET PEAS	.....	.75 to 1.00
White	.....	1.00
GLADIOLI, mixed colors, per doz., \$1.50.	.....	10.00

DECORATIVE STOCK

FERNS—Adiantum	.....	.50 to 1.00
Common Fancy, subject to advance, per 1000, \$2.50 to \$3.00	.....	.30
IVY LEAVES, per 1,000, \$5.00	.....	.60
GALAX LEAVES, Green, per 1000, \$1.25	.....	.20
Bronze, per 1000, \$1.25	.....	.20
ASPARAGUS PLUMOSUS—		
Select Strings, each, 25c to 50c, Sprays, bunch, 50c, Sprengeri, doz., 25c to 50c.	.....
SMILAX, Select, per doz., \$1.50 to \$2.00	.....
SABAL PALM LEAVES, Artificial	.....	\$3.00 to \$5.00 per 100

Any flowers, in or out of season, if obtainable anywhere, can be had from us, whether quoted or not.

Careful packing, prompt shipment and fair treatment to all. No order too large, none too small. Extra Select and inferior grades billed according to value. Prices quoted are subject to change without notice.

Special Assortment FOR CEMETERY DECORATION

At this season of the year we have liberal supplies of miscellaneous flowers quite suitable for above named purpose and solicit orders for assortments of \$5.00 worth upward. We will give you good value. These lots will include standard stock, such as Roses, Carnations, Greens, etc.

		Per 100
Geraniums, Double white, 4-in	.....	\$8.00
Single Red, 4-in	.....	8.00
S. A. Nutt, 4-in	.....	\$7.00 to 8.00
E. G. Hill, 4-in	.....	8.00
Mme. Sallerol, 2½-in	.....	3.50
Cannas, Egandale, 3½-in	.....	8.00
F. Vaughan, 3½-in	.....	8.00
Bouvier	.....	8.00
Salvia Splendens, 3½-4-in	.....	8.00
Bonfire, 3½-4-in	.....	8.00
Lord Fauntleroy (new the best of the dwarfs) 3½-4-in	.....	10.00
Cobaea Scandens, 5-in, extra fine	.....	15.00
Coleus, Verschaffeltii, 2½-in	.....	3.00
Golden Bedder, 2½-in	.....	3.00
Lobelia, dark blue, 3½-in	.....	6.00
Thunbergii, 2½-in	.....	3.50
Vinca, extra strong, 4½-in	.....	15.00
Nasturtium, Double Red, fine for window boxes, 3½-in	.....	10.00
Maurandia, 2½-in	.....	4.00
Heliotrope, 4-in	.....	10.00
Ageratum, blue, 4-in	.....	10.00
Verbenas, assorted, 2½-in	.....	3.50
Marguerites, 3½-in, fine	.....	6.00
4-in, fine	.....	12.00

E. F. WINTERSON CO.

45-47-49 Wabash Avenue

CHICAGO

Indianapolis.

The storm which swept over this city May 11, did no damage to speak of to any of the florists in this vicinity. It was mainly rain, some wind and just enough hail to break about 400 lights, single strength, in the green-houses of Bertermann Brothers Company on East Washington street. It rained every day last week and outside work, including building, was practically suspended.

The season is well advanced and the chances are that there will be plenty of outdoor flowers for Decoration day.

John Bertermann is enjoying his European trip very much. He was in Weimar on the one hundredth anniversary of Schiller's death and placed a wreath on the tomb of the great poet in behalf of the German citizens of Indianapolis.

E. A. Nelson's health, we are glad to say, has improved. H. J.

DES MOINES, IA.—W. L. Morris filed a petition in voluntary bankruptcy May 5. It is not thought that this will in any way affect the Blair-Morris Floral Company.

CHRYSANTHEMUMS.

Wm. Duckham, Dr. Enguehard, Helen Frick, John Burton, Robinson, Mrs. Jones, white and yellow, Balfour, Mrs. Combes, Convention Hall, etc., etc., 2 1/4-in. pots, \$2.00 per 100, \$20.00 per 1000.

GERANIUMS.

Novelties, in full bloom, 4-in. pots, \$8.00 per 100; 2-in. pots, \$3.00 per 100.

No Better Stock in the Country.

HENRY EICHOLZ, FLORIST,
WAYNESBORO, PA.
Please mention the American Florist when writing.

Orchids

INDIAN ORCHIDS. Just arrived in fine condition an extra fine lot of the following varieties: Dendrobium Wardianum, Dendrobium crassinode, D. thyrsiflorum, D. Devonianum, Cypripedium Boxallii, Cymbidium Lowianum. Also Cattleya Warneri, Laelia crispa and Oncidium varicosum Rogersii.

FRED. VARDEN,
26 Summerfield St., Fall River, Mass.

Please mention the American Florist when writing.



Pansies

Giant flowering, extra large wintered over plants in full bloom, per 100, \$2.50

- | | |
|---|---------|
| | Per 100 |
| Asp. Plumusus, strong, 2 1/4-in. | 5.00 |
| Chrysanthemums, in variety, | 3.00 |
| Coleus, mixed, | 2.50 |
| Daisies, Marguerite, white and yellow, 4-in. | 10.00 |
| 2 1/4-in. | 4.00 |
| Fuchsias, E. G. Hill, Phenomenal, | 4.00 |
| Mixed, | 3.00 |
| Sunray, per doz., \$1.00, | |
| Geraniums, standard varieties, 4-in. | 10.00 |
| Mme. Sallerol, 2 in. | 4.00 |
| Hollyhocks, double, separate colors, | 12.00 |
| Allegheny mixed, | 12.00 |
| Selvias, St. Louis and Clara Bedman, 2 in. | 4.00 |
| Mrs. C. N. Page, 2-in. | 6.00 |

CASH WITH ORDER.

I. N. KRAMER & SON, Cedar Rapids, Ia.
Please mention the American Florist when writing.

ANOTHER BIG TIME COMING

\$5,000.00 IN PREMIUMS

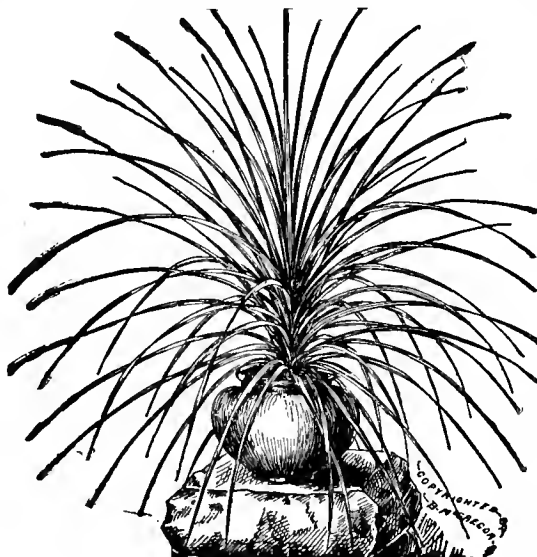
KANSAS CITY FLOWER SHOW

Convention Hall, November 13th to 18th inclusive

Kansas City holds the greatest of all Flower Shows. Kansas City offers the largest premiums and pays them in full. Kansas City secures the best judges in America.

George E. Kessler, Landscape Architect, will be the director of the show. Premium list now ready. Address

LOUIS W. SHOUSE, Secretary,
Convention Hall, KANSAS CITY, MO.



DRACAENA INDIVISA.

DRACAENA INDIVISA

An Elegant Lot of Plants

Suitable for Furnishing Vases, Etc.

	Per doz.	Per 100
4-inch Pots,	\$2.00	\$15.00
5-inch Pots,	2.50	20.00
7-inch Pots, heavy,	6.00	50.00
8-inch Pots, heavy,	9.00	75.00

11-inch Pails, 3 feet high, fine Plants \$2.00 each.

Henry A. Dreer,
714 Chestnut St., PHILADELPHIA

AUCTION SALE

THURSDAY, JUNE 1st, 1905

19 Greenhouses, Boilers, Pipe, Ventilators, 4 Plant and Delivery Wagons Tools, Implements, Horses, Harness, and a variety of auxiliaries used in the Florist's Business; the whole being the up-to-date plant of Dietzenberger Bros., of 75th St. and 5th Ave., Bay Ridge, BROOKLYN, N. Y., who are retiring from business.

SALE ON PREMISES.

Further particulars may be obtained from the retiring firm or

JOHN P. CLEARY, Auctioneer.

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OF FLORISTS SEEDSMEN NURSERYMEN

PRICE, \$2.00.

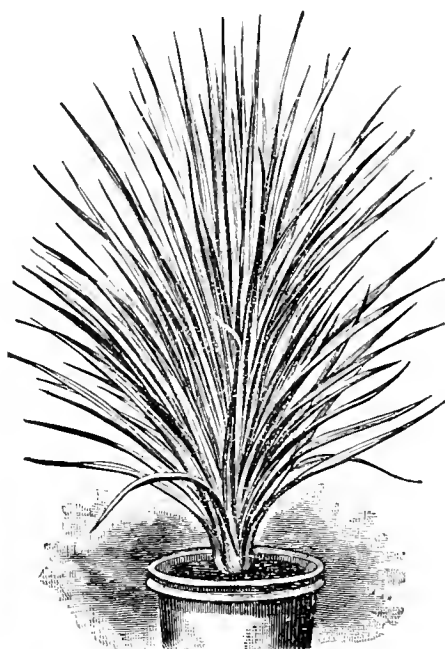
We Want to Move

THE FOLLOWING STOCK WHICH IS IN FINE CONDITION.

Variety.	Size	Height	Leaves	Each	Dozen	100
Kentia Belmoreana.....	3 1/2	12-14	5-6		\$ 2.00	\$15.00
" ".....	4	15-17	5-6		3 00	25.00
" ".....	7	34 36	6	2.50	30.00	.....
" ".....	10	46-50	7-8	7.00	.....	.....
Kentia Forsteriana.....	6	24-30	5	1.25	15 00	.....
" ".....	7	32-36		2.00	24.00	.....
" " single.....	8	34-38	5 6	2.50	30.00	.....
" ".....	10	48-56	6-7	7.00	.....	.....
Latania Borbonica.....	3				1 00	7 00
" ".....	3 1/2	11-13	4-5	.....	1.50	12.00
" ".....	8	30-34	7-8	1.25	15.00	.....
Phoenix Canariensis.....	8	38-42	10-12	3 00	.....	.....
Ficus Elastica.....	4	10-12		.25	3 00	.....
" ".....	5	16-20		.35	4 50	.....
Araucaria Excelsa.....	4	trs.	2-3	.50	6.00	.....
" ".....	5	trs.	3-5	.75	9 00	.....
" ".....	6	trs.	3-5	1 25	15 00	.....
" " Compacta.....	6	trs.	3	2.00	.....	.....
Cocos Weddelliana.....	3				2 50	.....
Pandanus Utilis.....	3				2 40	.....
" ".....	5				5 00	.....
" ".....	6				9 00	.....

Variety	Size	Each	Dozen	100
Poa Triv. Var., for ferneries.....	3	.....	\$ 6 00	.....
Crotons.....	3	.....	\$1.50	.....
" ".....	4	.....	3.00	.....
Cibotium Scheidii.....	6	1.50	18.00	.....
" ".....	7	2 00	24.00	.....
Adiantum Cuneatum.....	4	1.50	12.00	.....
" ".....	5	2 00	15.00	.....
Dracæna Fragrans.....	4	3.00	.....	.....
" ".....	5	5 00	.....	.....
" ".....	7	9 00	.....	.....
Maranta Massangeana.....	2	.....	5.00	.....
Pine for ferneries.....				

Variety	Size	Each	Dozen	100
Dracæna Massangeana.....	5	\$1.00	\$12.00	.....
Asparagus Plumosus.....	2	.....	\$ 3.00	.....
" ".....	3	.....	1.00	8.00
" ".....	4	.....	1.50	12.00
" " Sprengeri.....	3	.....	.75	6.00
" ".....	4	.....	1.50	10.00
" ".....	5	.....	2 00	15.00
" ".....	6	.....	3.00	20.00
Dracæna Ter., height, 22-24.....	6	.75	9.00	.....
Fittonia Verschaffeltii.....	2	.....	.....	\$5.00
Pine for ferneries.....				



DRACAENA INDIVISA.

Variety	Size	Each	Dozen	100
DRACAENA INDIVISA.....	4	.....	\$1.50	\$10.00
" ".....	5	.....	3.00	.....
" ".....	6	.....	5.00	.....
Cobæa Scandens.....	4	.....	1.00	8.00
English Ivy, fine long vines.....	4	.....	1.50	12.00

We have a fine lot of Dracaena Indivisa as quoted in List.

The GEORGE WITTBOLD COMPANY, 1657-1659 Buckingham Place, CHICAGO.

For Decoration Day

WE WILL HAVE

Beauties, Roses, Carnations
 Peonies, Jasmine, Harrisii
 Callas, Valley ——— In Fact
 A Full Line of Everything

DO NOT FORGET THE OLD RELIABLE

E. H. HUNT, Chicago

Menlo Park, Cal.

The spring exhibition of the Menlo Park Horticultural Society, held on May 6, proved to be an unqualified success. This energetic society has in a few years built up for itself an enviable position with the flower loving public of this state and all its shows have been most liberally patronized.

One of the most admired and complete exhibits in the hall was the show of annuals and herbaceous plants by William Kettlewell, head gardener to George A. Pope of Burlingame. All the old-fashioned and new and rare plants were included in this collection, which was awarded the first premium.

In the annex were shown table decorations. The table decoration executed by Andrew McDonald, gardener to J. B. Coryell, was a magnificent affair and probably was the most admired feature of the show.

The management of the exhibit was ably executed by President Sidney Clack. Mr. Clack has no equal as a director of exhibits and the society is to be congratulated upon having the benefit of his wide experience.

The judges were M. Lynch, of Menlo Park, Henry Goertzheim, of Redwood City, and James Mitchell, of Menlo Park, and their decisions gave every one satisfaction.

COTONEASTER PANNOSA.—The leaves of this species are evergreen, leathery, one-half inch to one inch long, and felted with a yellowish tomentum beneath.

A FEW GOOD THINGS YOU WANT.

- DRACAENA INDIVISA, 3, 4, 5-inch, \$5.00, \$10.00 and \$25.00 per 100.
ASPARAGUS PLUMOSUS, 2 and 3-in., \$4.00 and \$8.00 per 100.
ASPARAGUS SPRENGERI, 2 and 3-in., \$3.00 and \$5.00 per 100.

CASH WITH ORDER.

GEO. M. EMMANS, NEWTON, N. J. Please mention the American Florist when writing.

CARNATIONS From Soil.

We have a quantity of the following Novelties and Best Standard Varieties in Strong, Healthy Growth and Hardened in Cold Frames.

- G. H. Crane, Mrs. T. W. Lawson, Per 100
Prosperity.....\$2.50
Enchantress, Harlowarden..... 3.00
Indianapolis..... 5.00
White Lawson..... 7.00
Richmond Gem.....10.00
Chicago White.....12.00

NATHAN SMITH & SON, Adrian, Mich.

Please mention the American Florist when writing.

- ASPARAGUS Sprengeri 4-in., \$8.00; 3-in. \$5.00 per 100.
Alyssum, (Sweet), double and the dwarf, from 2 1/2-inch, \$3.00; 3-inch, \$4.00 per 100.

The stock offered here is all A No. 1. Send in a trial order and be convinced. Please do not send personal checks. Remit by P. O. M. O., Express M. O. or drafts.

Cation Greenhouse Co., 1101 Fifth Ave., PEORIA, ILL

BEDDING PLANTS.

- Alyssum Little Gem, Verbenas, Pots. Per 100
Lobelias, Speciosa and Compacta...2 1/2 \$ 1.50
Petunia, Howard's Star and Giant... 3 3.00

J. S. BLOOM, Riegelsville, Pa.

100,000 Alternantheras.

STRONG ROOTED CUTTINGS.

- A. Nana, yellow, 50c per 100; \$4.00 per 1000. P. Major, red, 50c per 100; \$4.00 per 1000. Red and yellow from 2-inch pots, \$1.50 per 100. Special prices on 5,000 or more.

DAVIS BROS., Morrison, Ill.

Please mention the American Florist when writing.

- Cyclamen Plants, once transplanted, \$2.00 per 100; \$18.00 per 1000. Twice transplanted, \$3.00 per 100; \$25.00 per 1000. Seed of only selected flowers and well built stock; none better.

C. WINTERICH, Defiance, O.

BEDDING PLANTS.

Per 100 2 1/4-in.

- Ageratum, dwarf, blue and white.....\$2.00
Alternanthera, red, yellow, 100 R. C. 50c..... 1.50
Alyssum, Sweet, Giant dbl..... 2.00
Asparagus Plumosus and Sprengeri, 3-in., \$5.00; 4-in., \$8.00..... 2.50

LUDVIC MOSBAEK, Onarga, Ill.

Please mention the American Florist when writing.

Wholesale Trade List.

- Asparagus Plumosus, Sprengeri and Decumbens, 3-inch pots, 75c. per doz., \$5.00 per 100.
Alternantheras, red and yellow, 2 1/2-inch pots, 50c per doz.; \$3.00 per 100.
Ampelopsis Veitohi, 3-inch pots, 75c. doz.; \$5.00 per 100.

- Stock from 2 1/2-in. pots, \$3.00 per 100:
Asparagus Plumosus, Comorensis, Sprengeri and Decumbens, Alyssum, Little Gem, Ageratum, blue and white; Coleus, Verschoffleitii, Golden Bedder, Cobaea scandens, Clematis paniculata, Dracena indivisa; Feverfew, Little Gem, Geranium Mme. Sallerol (strong); Lobelia, dwarf blue; Nasturtium, dwarf; Phlox Drummondii, dwarf; Verbenas, mammoth varieties, Impatiens Sultanii.
Chrysanthemums, best standard varieties, rooted cuttings, from soil, \$2.00 per 100.
Clematis paniculata, 4-in., \$1.50 per doz.; \$10.00 per 100.

C. EISELE, 111th and Jefferson Sts., PHILADELPHIA, PA.

Please mention the American Florist when writing.

Orchids!

Arrived in superb condition direct from the woods the following ORCHIDS: Cattleya labiata, C. Warnerii, C. Dowiana, Laelia flavia, Miltonia candida, Dendrobium chrysoctenium and Burlingtonia fragrans. Write for special list, also catalogue of established orchids.

Lager & Hurrell, SUMMIT, N. J. Orchid Growers and Importers.

WIETOR BROS.

51 Wabash Ave., CHICAGO.

LARGE SUPPLIES OF
LONG BEAUTIES, ROSES and CARNATIONS

FOR DECORATION DAY!!

STOCK OF GOOD QUALITY AND PROMPT AND CAREFUL ATTENTION GUARANTEED.
SEND US YOUR ORDER.

PRICE LIST SUBJECT TO CHANGE
WITHOUT NOTICE

ROSES.

BEAUTIES—		LIBERTY.....\$6.00 to \$10.00 per 100
36-inch and upward.....	\$3.00 to \$4.00 per doz.	KAISERIN..... 4.00 to 8.00 "
24 to 30-inch.....	2.50 to 3.00 "	IVORY..... 3.00 to 6.00 "
20-inch.....	2.00 "	BRIDE..... 3.00 to 6.00 "
15-inch.....	1.50 "	BRIDESMAID..... 3.00 to 6.00 "
12-inch.....	1.00 "	METEOR..... 3.00 to 7.00 "
Short stems.....	.50 to .75 "	GOLDEN GATE..... 3.00 to 6.00 "
CHATENAY.....	3.00 to 8.00 per 100	

CARNATIONS.

STANDARD SORTS.....	\$2.00 per 100	SPECIAL FANCY SORTS.....	\$3.00 to \$4.00 per 100
PEONIES.....	.75c to \$1.00 per doz.	CAPE JASMINES.....	\$2.00 to \$3.00 per 100

J. A. BUDLONG,

37-39 Randolph St., CHICAGO.

WE HAVE TO OFFER FOR

DECORATION DAY

A FINE LOT OF

BRIDES, BRIDESMAIDS, BEAUTIES and CHATENAY

All Clean Stock of Good Color and Free From Mildew.

Also CARNATIONS in LEADING VARIETIES.

PRICES:

BEAUTIES—		Chatenay.....	\$3.00 to \$6.00 per 100
36-inch and up.....	\$3.00 to \$4.00 per doz.	Cate.....	3.00 to 6.00 "
24 to 30-inch.....	2.50 to 3.00 "	Liberty.....	6.00 to 10.00 "
20-inch.....	2.00 "	Carnations—Common.....	1.50 to 2.00 "
15-inch.....	1.50 "	Our selection.....	2.00 "
12-inch.....	1.00 "	Fancy.....	2.00 to 3.00 "
Short stems.....	.50 to .75 "	Peonies.....	.50 to .75 per doz.
Bride.....	3.00 to 6.00 per 100	Callas and Harrisii.....	1.00 to 1.50 "
Bridesmaid.....	3.00 to 6.00 "	Cape Jasmynes.....	1.00 to 3.00 per 100

Place Orders Early to Secure Best Selection. **LOWEST MARKET QUOTATIONS** on all
Stock not Listed Here.

No Charges for P. and D. on all Orders of \$4.00 or Over.

C. R. HILLS, Grand Rapids, Mich.

Table listing various plants and their prices, including American Beauties, LA Detroit, Chataney, Perle, Sunrise, Cobaea Scandens, Alyssum, Little Gem, Cuphea, German Ivy, Shasta Daisy, and Christmas Peppers.

ASTERS Benthley's Famous Asters, extra fine stock, from bench, \$1.00 per 100, \$8.00 per 1000; from 2 1/4-in. pots, \$2.00 per 100, \$17.50 per 1000. American Branching, Hohenzollern, Queen of the Market and Carlson's, from bench, 60c per 100, \$5.00 per 1000; from 2 1/4-in. pots, \$1.50 per 100, \$12.50 per 1000. PRIMULAS for July delivery.

Palms and Asparagus Cheap.

Table listing prices for various plants: Latania Bor., Kenia Bel., Asparagus Sprengeri, Asparagus Plumosus Nanus.

SHERMAN NURSERY CO., CHARLES CITY, IA.

Pansies 200,000 Pansies. Fine large transplanted plants, prize strain of the famous large flowering Bugnots, Cassiers, Odier and Trimardeau. Stocky plants from cold frame, 50c per 100; \$3.00 per 1000. Extra large plants coming in bud, \$1.00 per 100. Mammoth Verbenas, 60c per 100; \$5 per 1000; 2 1/4-in. pots, in bud and bloom, \$1.50 per 100; \$12 per 1000. Daisies, dbl. white, 75c per 100; \$5.00 per 1000. Lobelia, dwarf blue, \$1.00 per 100; in bud and bloom, 3-inch, \$4.00 per 100. Coleus, mixed colors, 2 1/4-inch, \$1.50 per 100. Ageratum, dwarf blue, 60c per 100. Pansies, in bud and bloom, \$1.00 per 100. Pansies, extra large plants, in bud and bloom, \$1.00 per 100, \$8.00 per 1000. Heliotropes, bud and bloom, 4-inch, \$6.00 per 100. HILL TOP GREENHOUSES, 15 Gray Ave., Utica, N. Y.

Pierson Ferns

Bench grown, ready for 4, 5, and 6-in. pots, \$12.50, \$15.00 and \$20.00 per 100; strong, healthy stock. Cash.

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CARNATIONS Fine, strong, healthy, well rooted cuttings. Per 100 Prosperity, Joost, Lawson, \$2.00. All guaranteed strong, healthy stock. Per 100 Salvia, new dwarf variety, \$.75. Coleus, \$.75. Verbenas, \$.75. Plumosus and Sprengeri, 3-in., only, \$ 4.00. Above prices cash with order.

JOHN BROD, Niles Center, Ill.

JOHN BURTON, Assignee for ROBERT CRAIG & SON, ROSES, PALMS, and Novelties in Decorative Plants. Market and 49th Sts., Philadelphia, Pa.

SHASTA DAISY.

Selected stock, no chance seedlings. Fine for cutting during summer and fall. Extra strong divisions, \$4.00 per 100; \$30.00 per 1000. Second size, \$2.00 per 100; \$15.00 per 1000. Satisfactory reference or cash with order.

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There Are Buyers For all kinds of good stock advertised in..... THE AMERICAN FLORIST

SCOTTII The Most Graceful Nephrolepis Known

Retailers who have handled this fern are unanimous in proclaiming it the best Fern ever introduced.

Consult any grower who has bought Scottii and he will tell you that it is as far ahead of the Boston as that variety is ahead of all other introductions.

See my adv. on second cover page in American Florist of Feb. 25th.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

BRANCH: E. 45th St. and Rutland Road, Flatbush. TELEPHONE, 1207 WILLIAMBURG.

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Arrived in A1 Condition Direct From the Woods the Following Importations:.....

CATTLEYA TRIANÆ, CATTLEYA SCHRÖDERÆ, DENDROBIUM NOBILE.

Write for prices at once.

JULIUS ROEHRS CO., Orchid Growers and Importers, RUTHERFORD, N. J.

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ORCHIDS

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SANDER, St. Albans, England. Agent, A. DIMMOCK, 31 Barclay St., NEW YORK CITY

Stanley & Co. Orchid Importers and Growers, SOUTHGATE, ENGLAND.

Orchids. Cattleya Aclandiae, Oncidium Sarcoodes: perfect, plump, leafy importations just arrived. Order samples.

CYCLAMEN

Splendens Giganteum Hybrids.

Finest strain in the world, in five true colors, extra well grown plants, from 2 1/4 inch pots, \$5.00 per 100, \$45.00 per 1000. Satisfaction guaranteed.

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Grand Rapids Violet Stock

Clumps from the bench of M. Louise, Imperial and Princess of Wales, \$5.00 per 100; \$10.00 per 1000; Rooted Cuttings, \$10.00 per 1000; Pots, \$2.50 per 100; \$20.00 per 1000. Rooted Cuttings of Campbell, \$5.00 per 1000.

CRABB & HUNTER, GRAND RAPIDS, MICH.

Transplanted Violet Layers,

Princess of Wales, \$1.50 per 100; \$10.00 per 1000. Clematis, large flowered, red, white and purple, good two-year, home-grown, 25c; \$2.00 per doz.; \$15.00 per 100. Pansies, strong, \$1.00 per doz.; \$8.00 per 100; 2 1/4-in. pots, 75c per doz.; \$4.00 per 100. F. A. BALLER, Bloomington, Ill.

CARNATIONS Rooted Cuttings WHITE LAWSON. The king of white sorts. A strong grower and a free bloomer. We have 5000 ready to be shipped. All orders will be filled in rotation. \$7.00 per 100; \$60.00 per 1000. Lady Bountiful, \$7.00 \$60.00. Mrs. M. A. Patten, 6.00 60.00. Nelson Fisher, 7.00 60.00. Dabaim, 6.00 60.00. Enchantress, 2.50 30.00. Boston Market, 2.50 20.00. The Queco, 2.50 20.00. Mrs. T. W. Lawson, 2.00 18.00. Geo. Maceo, 2.00 15.00. Morning Glory, 2.00 15.00. Mrs. G. M. Bradt, 2.00 25.00. Melba, 1.50 12.00. Queen Louise, 1.50 12.00. White Cloud, 1.50 12.00. CRAFTED ROSES. We are now booking orders for future delivery. Write for prices. WOOD BROS, Fishkill, N. Y.

Scottii Ferns.

Much more valuable than the Boston Fern, because with the most ordinary culture it will grow into beautiful compact specimen plants.

Table with columns: Per Doz., Per 100. Rows: 2 1/4-inch, 3-inch, 4-inch.

Pierson Ferns 2 1/4-inch 60c per dozen, \$4.00 per 100.

THE CONARD & JONES CO. WEST GROVE, PA.

\$1.50 per 100 All strong 2-inch pot stock, lots of it in bloom.

Table listing various plants and their prices: Rooted Cuttings, prepald. Cuttings plants Per 100 Per 1000. Ageratum, Pauline, Gurney, \$0.50 \$1.50. Petunias, dbl. fine variety and stock, .75 1.50. Salvia, Boote, Splendens, Silverspot, .90 1.50. Fuchsia, 5 kinds: Paris Daisy, white, .75 1.50. Hardy Pinka, 6 sorts, .75. Feverfew Gem; Dbl. Alysaum; Giant, white, .75 1.50. Alternanthera, red and yellow, .50 1.50. Heliotrope, Stevia Serrata, .75 1.50. Coleus, 12 best bedders, \$1.00, \$5.00, .60 1.50. Abutilon, Eclipse, Golden Bells, 1.50. Smilax Seedlings, 30c per 100; Centaurea Dusty Miller and Golden Feverfew, 2-in., \$1.50 per 100. Dbl. Daisy, Snowball, Longfellow, wintered over, in bud and bloom, 1000 for \$1.50.

Cash. Direct all orders plainly to

BYER BROS., Chambersburg, Pa.

HINODE FLORIST CO.

JAPANESE NOVELTIES,

TINY PLANTS, in 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100. RHAPIS, 5 to 15 shoots, 50 cents each. CASH WITH ORDER.

LARGEST GROWERS OF EASTER LILIES, WOODSIDE, N. Y. and WHITSTONE, L. I., N. Y.

American Florist Always do business Week days and every day Sundays and holidays All over the country At home and abroad.

Carnations

ROOTED CUTTINGS.

WHITE.	Per 100	Per 1000
Chicago White.....	\$12.00	\$100.00
Boston Market.....	2.50	20.00
Flora Hill.....	1.00	9.00
Queen Louise, Perla.....	1.00	9.00
RED.		
Estelle.....	2.50	20.00

SCARLET.	Per 100	Per 1000
Richmond Gem.....	\$10.00	\$75.00
Crusader.....	5.00	45.00
Adonis.....	2.50	20.00
PINK.		
Phyllis.....	\$12.00	\$100.00
Indianapolis.....	5.00	45.00

PINK.	Per 100	Per 1000
Nelson.....	\$ 1.50	\$12.50
Lawson.....	2.00	15.00
Morning Glory.....	1.50	12.50
Higinbotham.....	1.00	8.00
Guardian Angel.....	1.00	9.00

ROSES. 2½-inch pot plants.

	Per 100	Per 1000
Richmond.....	\$30.00	\$250.00
Rosalind Orr English.....	25.00	200.00
Perle von Godesberg.....	5.00	40.00

	Per 100	Per 1000
Liberty.....	\$ 5.00	\$45.00
American Beauty.....	5.00	40.00
La Detroit.....	6.00	50.00

	Per 100	Per 1000
Bridesmaid.....	\$ 3.00	\$ 25.00
Bride.....	3.00	25.00
Ivory, Perle.....	3.00	25.00

AM. BEAUTY BENCH PLANTS, per 100.....\$5.00; per 1000.....\$40.00

CHATENAY, UNCLE JOHN and KAISERIN reduced to \$3.00 per hundred; \$25.00 per thousand.

All plants and rooted cuttings sold under the express condition that if not satisfactory they are to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave., CHICAGO.

Please mention the American Florist when writing.

CRASSULA HYBRIDA

Will make a Standard Easter Plant. Its keeping qualities are above any other kind of flowering plant at present grown. Sample plants in bloom, \$1.50 each; \$15.00 per doz. Young stock, 2½-inch pots, able to make good plants for next season, \$3.00 per doz.; \$15.00 per 100. CASH WITH ORDER.

LOUIS DUPUY, Whitestone, L. I., N. Y.

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Seasonable Stock. SPEAK QUICK.

- 5,000 Heliotrope, dark and light blue, 2½-inch, \$2.50 per 100.
- 2,000 Scarlet Sage, 2½-inch, \$2.25 per 100.
- 1,000 Vinca Maj. Var., 4-inch, 8c; 2½-inch, 3c.
- 500 Euonymus, variegated, 4-inch, 8c.
- 1,000 Boston Ferns; 2½-inch, fine, 4c.
- 500 " 4-inch, 12c.
- 500 Pteris, 3-inch, 10c.
- 25 Scottii Ferns, 6-inch, 75c.
- 100 " 4 inch, 40c.
- 1,000 Ageratum, Stella Gurney and White Cap, 2c.
- 1,000 Shasta Daisy, 2½-inch, \$3.50 per 100.
- 1,000 Clematis Paniculata, 3-year vines, 10c.
- 500 " Jackmani, 2-year, 20c.
- 1,000 Ampelopsis Veitchi, 2 year, field-grown 8c.
- 2,000 " " Pot-grown, long tops 4c.
- 1,000 English Ivy, long tops, 6c.
- 2,000 Verbenas, Seedlings, separate colors, \$1.00 per 100.
- 1,000 Geranium, Red Grant Geraniums, 3½-inch, 5c; 2½-inch, \$3.50 per 100.
- 1,000 Geraniums, Rose and Balm, 3c.
- 5,000 Chrysanthemums, Duckham and Enguehard, 2½-inch, 5c. Send for list.
- 10,000 Potted Cannas, \$6.00 per 100. Send for list.
- 5,000 California Privet, 2-year-old transplanted 3 to 3½-inch, \$3.00 per 100.
- 20,000 Carnations from flats, hardened off and ready to plant. Queen Louise, \$2.00 per 100; \$20.00 per 1000. Inost, \$1.50 per 100; \$15.00 per 1000. Prosperity, \$2.50 per 100 only.
- 5,000 Mixed Cannas for massing, \$1.50 per 100.
- 5,000 Shrubs and Vines. Send for list. Cash.

READY NOW Gen. MacArthur.

THE most prolific flowering Red Rose in the market to-day. Grows finely in same temperature as Brides or Maids, and will produce fully as many first-class flowers as either. 2½-inch Pot Plants, own roots.....\$10.00 per 100, \$80.00 per 1000 Strong Grafted Stock from 3-inch pots.....\$12.00 per 100

The STORRS & HARRISON CO. PAINESVILLE, OHIO.

Please mention the American Florist when writing.

Geraniums COLEUS....

My selection, 3-in. pots.....	Per 100	Per 1000
Alternanthera, red and yellow.....	\$5.00	\$2.00
Asp. Plumosus Nana, 2½ in. pots.....	2.00	2.00
" " Seedlings.....	1.50	1.50
Asp. Sprengeri, ready July 1.....	1.25	1.25
Smilax, ready in June.....	1.25	1.25
12 varieties, 2½-inch pots.....	Per 100	Per 1000
Petunias, seedling, 2½-in. pots.....	3.00	\$2.00
Centaurea Cymocarpa.....	2.00	2.00
Primrose, Chinese, Obconica and Forbesi July 1.....	2.00	2.00
Pansy Seed, ready in July	\$4.00 per oz.	

CASH or C. O. D. **JOS. H. CUNNINGHAM, Delaware, Ohio.**

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European Horticulture.

(FROM THE BRITISH TRADE PAPERS.)

Bad Mushroom Spawn.—I was glad to read the notes about the disease which has apparently been much in evidence in mushroom beds this winter, says a recent writer in the Garden. I have found it most troublesome, and it has entailed a great loss in produce. At first I thought it was a fungus that might be in the soil, but I have since used soil got from two different places, and I am quite convinced that the fungus, or disease as you term it, must be in the cakes of spawn. I have had it more or less on all my beds. It is a serious loss to the grower, and if this fungus cannot be checked many will give up growing mushrooms, as they entail heavy expenditure in manure and labor. I feel fully convinced that the mischief is in manufacturers not being careful enough in selecting the virgin spawn with which they inoculate the cakes. It is no easy matter to detect false mycelium, and in the height of the season of making oftentimes there is great difficulty in obtaining the real virgin spawn. Then, again, during the past two seasons of spawn-making the season has been very wet, spawn or mycelium has been difficult to obtain, and no doubt that is one reason why mushrooms generally have been much lighter in growth. As you say, it is an old complaint, but I must say that this season, so far as I am concerned, has been the worst I have experienced. At one time this winter I began to think that my hand had lost its cunning so far as growing mushrooms is concerned, but I have quite made up my mind that poorness of spawn is the reason, for since then two or three beds have done fairly well.

The Chrysanthemum League.—Apropos of the note in our last issue, referring to the suggestion of a child to form a chrysanthemum league, and thus enable British children to show their sympathy with their little friends in Japan by growing that country's national flower, the London Evening News, which has vigorously taken up the idea, has addressed a communication to Viscount Hayashi, the Japanese minister, asking him how best this token of the sympathy of London children could be made known to the children of Japan. Viscount Hayashi, after expressing his cordial appreciation with the scheme, suggests that particulars of it should be sent to some of the principal vernacular newspapers of Japan, several of which he mentions. The Evening News is distributing thousands of chrysanthemum slips, and in October, when the plants are in bloom, a great chrysanthemum show will be held, when valuable prizes will be awarded for the best flowers.

Chrysanthemum Smoking.—The smoking of dried chrysanthemum petals was recommended some time ago by Gorton's medical officer of health as "a pleasant and harmless substitute" for tobacco. Now, according to a medical contemporary, chrysanthemum smoking has been responsible for a wonderful improvement in a victim of fifteen years' standing to frequent and violent epileptic fits, the result of chronic dyspepsia. Since his first smoke of chrysanthemum petals in January last the patient has exhibited remarkable signs of improvement; he not only walks now without the aid of a stick, but enjoys immeasurably better sleep, and, as the report states, "can even attend church." A run on chrysanthemum blooms for purposes of smoking may be anticipated.

A Common Melon and Cucumber Disease.—It has been observed with reference to a common melon disease that the spores of Dendryphium cosmum, apparently the same as cercospora, enter by the top lights when open much more than from the lower ones. Experience has shown that the fungus is found also in the straw manure used, thus conveying the spores to the leaves of the melons or cucumbers, when covered by or touching the straw. High temperature and deficient ventilation are provocative of the disease.

A Remarkable New Sugar Plant.—The discovery in South America of a new plant containing a very large proportion of non-fermentable sugar matter is, Berton, the chemist, thinks, an important event for the industrial world. This remarkable plant, whose scientific name is Eupatorium rehandium, is herbaceous, attains a height of some nine inches, and, according to experiments carried out at the Agricultural Institute, contains twenty or thirty times as much sugar matter as the beet or the sugar cane.

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"	5.	4x 8x22	3.00	28.50
"	6.	4x 8x28	3.75	36.00
"	7.	6x16x20	5.50	54.00
"	8.	3x 7x21	3.00	28.50
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1000 3 "	5.00	48 9-in., in crate,	\$8.60
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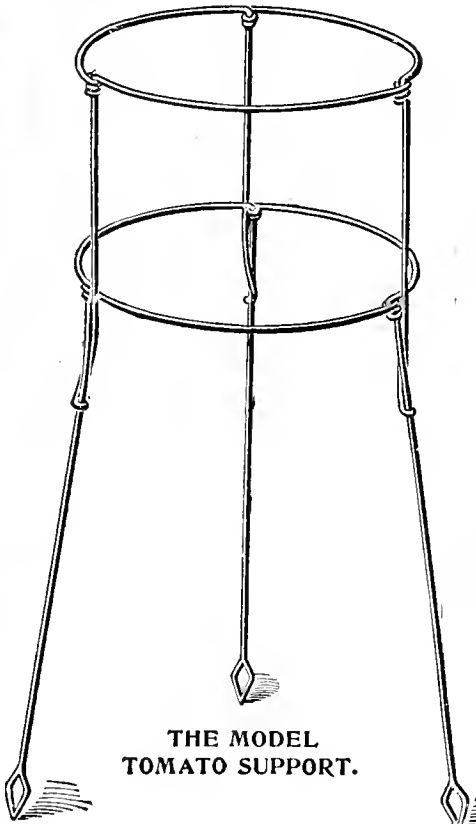
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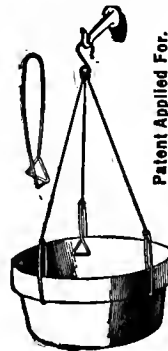
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Who KNOWS that ALL tobacco powder is the same cigar and tobacco store trash he gets at his cigar store or from his seedsmen and JUST WON'T ask for our booklet, that is full of the sayings of his fellows, that read:

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The Morris County Gardeners' and Florists' Society held its regular meeting May 10. On call of President Heeremans several members came up with exhibits in both plants and flowers. President Heeremans staged a dozen magnificent specimens of calceolaria grown in 6 and 8-inch pots. The committee on exhibits gave certificates of merit. By request of members present Mr. Heeremans promised to read a paper on their culture at our next meeting. A vase of carnations in variety from R. Vince was remarkably good for this time of the year and received cultural commendation. Well done specimens of begonia and variegated hydrangea shown by Mr. Mulmichall, gardener to C. A. Work, received cultural commendation. A vase of mixed chrysanthemum blooms, something odd for this time of the year, was put up by C. H. Totty. Baby Rambler in bloom from John Fraser, gardener for Gustav E. Kissell, were shown in fine form. Clucas & Boddington Company sent by special messenger sixteen varieties of hardy herbaceous perennials in bloom. They were interesting and instructive, just the thing that the florists on private estates need at this season of the year. Robert M. Schultze and Andrew McKendry were elected members and Harry Green, David Pierson and William McCoy were proposed for membership. The tenth annual flower show will be held in the assembly rooms, Madison, N. J., October 26 and 27 next. Prospects look bright. The schedule is now in press and can be secured later on from E. Reagan, secretary, Morristown, N. J.

E. R.

WINNIPEG, MANITOBA.—H. E. Philpott has sold his greenhouse property, the price being \$88,000, or \$1,000 per foot. Mr. Philpott intends to retire from business temporarily and make a trip around the world.

LOS ANGELES, CAL.—The basket brigade of cut flower sellers are out in force. The shopping blocks average one or more each. Field grown carnations are the feature. Visitors last week were: Thomas Hobday, A. H. Snow, John S. Bransford and August H. Vogeler, of Salt Lake City, Utah.

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Producer, Jobber and
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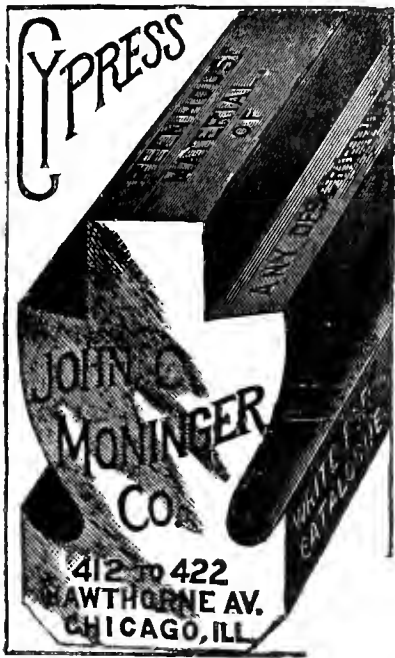
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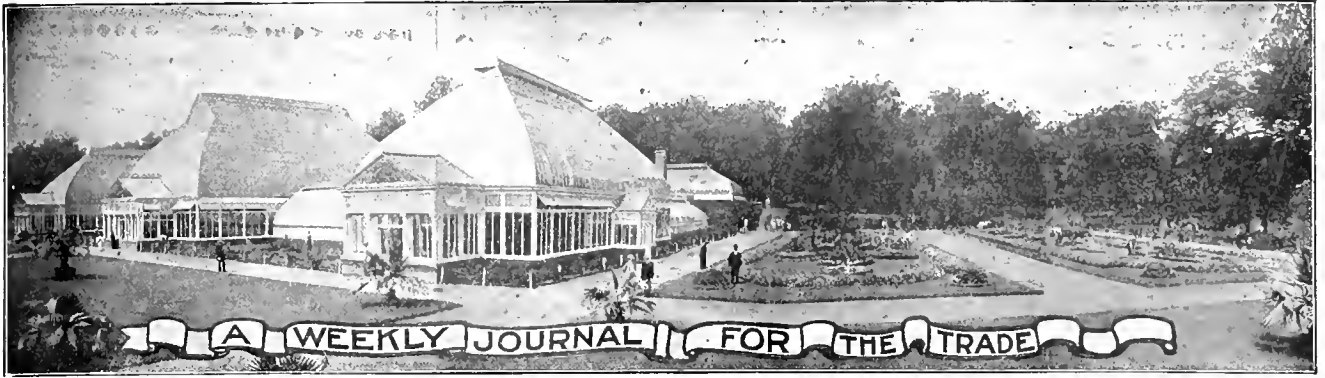
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868.

PALMS AND FERNS.

Palm Notes.

A few years ago some two or three species of dictyospermas seemed to be more common in palm collections than they are at the present time, the palms in question being known among growers of that period as arecas, and the species referred to being termed respectively *Areca rubra*, *A. aurea* and *A. alba*. These palms were never grown in such quantities as that known as *Areca lutescens*, but still there were some nice blocks of *Areca rubra* in the hands of some growers, this species germinating very freely from fresh seeds and being capable of growing quite rapidly under proper conditions. The dictyospermas flourish under the same treatment as *Areca lutescens*; a rich loamy soil, plenty of moisture, shading throughout the summer and a night temperature of not less than 60° in winter.

Of the three species mentioned, *D. rubra* is perhaps the finest, its large pinnate leaves being gracefully arched, with the midribs and leaf-stems of a chocolate-red color, while the leaflets themselves are of good heavy texture and dark green in color. At the time this palm was more frequently seen the custom of making up compound plants was not often practiced, but it is quite probable that if one had some nice healthy young stock of this species to bunch together in 8 or 10-inch pots, the trade of the present day would be likely to look upon them with favor as a novelty at least.

Dictyosperma aurea is inclined to be more upright in habit than the above and has narrower leaflets, the footstalks of which are yellowish, while *D. alba* is also narrow leaved, but has the stems clothed with a whitish tomentum. The seedlings of the two latter species vary somewhat in coloring, some showing the characteristic for which they were named much more distinctly than others, and in the case of *D. rubra* this variation is also apparent, some specimens having much brighter coloring than the rest, and as a rule the color is less noticeable in large plants than in the young stock. These palms are free rooting species, and when allowed to become starved are liable to lose their lower leaves, but they soon respond to liberal treatment, and if potbound, may be improved by watering with liquid

manure at intervals of a week or so during the growing season.

Chamædoreas are a group of dwarf-growing and shade-loving palms that are found chiefly in Central and South America, and though in cultivation in numerous species for many years, yet are not found in many commercial collections. The stems of these palms are quite slender, much like a rattan, and show very distinctly the old leaf-scars or joints, and in most instances are light green, though occasionally are dotted with white. The leaves of the majority of the chamædoreas are pinnate, the pinnae narrow and drooping, but this rule does not hold good in all cases, for those of *C. Ernesti-Augusti* are simply bifid, and are about two feet long by one foot broad, dark green in color and arching in habit.

As an example of the opposite character, *C. graminifolia* may be noted, the leaves of this species reaching a length of four feet, the pinnae being about one foot long and not more than half an inch wide. The stem of this species is very slender and the entire plant very graceful. Another chamædorea that may be described as intermediate between these two extremes is *C. Sartorii*, the leaves of which are also pinnate, but the leaflets much wider than those of the preceding species, being about nine or ten inches long by two inches broad in the center.

The chamædoreas begin to flower while quite small, comparatively, the branching spikes of flowers usually appearing below the leaves, and as the individual flowers are brightly colored, they form an additional attraction, those of *C. Ernesti-Augusti* being bright orange, while those of some of the others are yellow.

It has been already noted that these are shade-loving palms, this being impressed upon us by the fact that in their native countries the chamædoreas, like the geonomas, are found in the form of undergrowth in the tropical forests, and so far as I can read are never found growing out in the open, where they could be exposed to full sun. From this fact, and also from the comparatively thin texture of their foliage, it is found most satisfactory to give these plants a moderate shade nearly the whole year through.

A rather coarse and open soil seems best adapted to these plants, giving good drainage and an abundant supply of water both at the root and overhead,

for without a moist atmosphere and forcible syringing they are quite likely to harbor red spiders.

In regard to temperature, much the same as that noted for dictyospermas will answer for the chamædoreas, but in either case, if one is compelled by force of circumstances to give any lower temperature than 60° at night, it will be best to water a little more carefully, for generally speaking, a tender plant endures low temperature somewhat better when not too wet.

Some of the chamædoreas are also said to endure well as decorative plants in the dwelling, but of this I am unable to speak from experience.

The geonomas are of somewhat similar characteristics to the chamædoreas, also enjoying shade and moisture, and are likewise dwarf in growth. Generally speaking, the geonomas carry a greater number of leaves than the chamædoreas, thus forming more effective specimens than the latter, a good example of this being seen in a well grown plant of *G. Schottiana* or *G. gracilis*, either of which may carry a well proportioned head of graceful pinnate leaves, the foliage of the latter reminding one of *Cocos Weddelliana*, and, indeed, it is used in much the same manner as a table plant by many European growers.

G. Schottiana is a larger growing species than *G. gracilis*, and has a slender stem crowned with a considerable number of pinnate leaves, in a good specimen possibly twenty-five to thirty leaves being found, the leaflets being narrow and tapering and drooping gracefully. Most of the geonomas, and there are many species, have the habit of suckering or branching from the base, this being very marked in *G. Seemanni* (said to be a form of *G. Martiana*), and also in *G. pumila*, and in a few years these plants will form quite a clump of growth clothed with short dark foliage.

An open soil of rather peaty character gives good results with the geonomas, and abundant watering is very essential during the season of active growth.

W. H. TAPLIN.

Edgar Sanders.

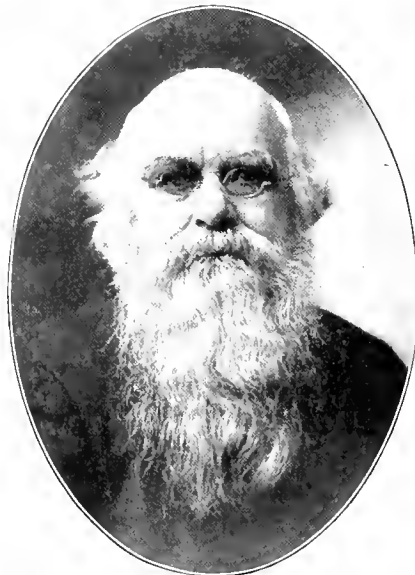
DEAN OF CHICAGO HORTICULTURE.

Edgar Sanders was born October 10, 1827, in Sussex, Eng., near East Grinstead. His father at that time was gardener to the Rakes family, who then lived at Felbridge Park, better known to the common people as the "Great House." From there his father moved as gardener to Tilgate House, near Crawley, Sussex, about seven miles from his birthplace, where he remained until his death in 1881. The mother died in 1886.

Edgar's schoolboy days were spent in the town of Crawley during the time noted for stage coaches. He started to school in his eighth year and remained there until he was twelve years old, when, owing to the size of his father's family (fourteen in all), he had to begin work at anything that came along, receiving about 12 cents a day for his services. This went on until about 1839 or 1840, when he was posted off to William West's nursery, where he began the life of a horticulturist in earnest. His wages were 75 cents per week, with lodging with the family, and the privilege of going home once a week for his food. He left this position in 1841 to take that of second or undergardener

at Lower Tilgate. He left there in his eighteenth year, in 1845, and went to London with a pack on his back. He remained four years in one establishment there and after some journeyman gardening work, he succeeded in obtaining a gardener's position and held two such positions before coming to America in 1853. In that year he cleared for the land of the free.

After five weeks' tossing on the ocean, he landed in New York safe and sound, April 29, 1853. His first trip was to Albany, N. Y., for certain reasons, expecting to go back to New York for his future work, but he had no sooner arrived in Albany than he easily found



Edgar Sanders

(Dean of Chicago horticulture.)

work enough and within a week after his arrival he obtained work in laying out a garden and other work, and then engaged himself to Gen. John F. Rathbone as gardener. He remained with the latter for four years, saving several hundred dollars, with what he had done on the outside laying out places, and started for Chicago in the spring of 1857.

The year was a disastrous one on account of the panic. He bought some land in the town of Lake View in the same year, when there were but a few hundred inhabitants in the town and something like 100,000 in the whole of Chicago. There were no sidewalks north of North avenue and one had to walk through the sand to get there, and the houses were few and far between. Everything at the time he purchased was very high and land was worth about \$700 an acre, the best he could do anywhere around Chicago. He managed to put up a small shanty with a 50-foot greenhouse at the south side of the house. This was his beginning, in October of the year 1857.

There were then three other so-called florists in the city, each having about the same amount of glass that he was then putting up, but all growing vegetables as well as flowers. It was a struggle for the first few years, but

after the war ended brighter times came; things began to pick up a little. He opened the first flower store that was ever opened in Chicago, on March 5, 1867, at 56 Clark street, under the Sherman House. He had by that time managed to get up several greenhouses and had a very good shipping business in plants, the store being mainly for cut flowers and bouquets. Everything was successful until the year 1871, when he, like all the rest, was burned out at 52 Dearborn street and lost all he had in the store at the time. Thinking there would be no use for flowers for a time, at least in the city, he decided not to try to sell them in the city for a time; but, to his surprise, some florists opened up places on Wabash avenue and did an extremely good business even in the first winter after the fire. By that time the business had gone away from him in the way of cut flowers, so much so that he never afterward rose to the position in that line that he had occupied before the fire. He remained in the flower business, however, until nearly the eighties. Since then he has not been directly connected with the growing or selling of flowers.

In his time he held several public offices. His first was commissioner of highways of the town of Lake View, from 1869 to 1873, there being no compensation or emolument to the office. In 1879 he was elected supervisor and ex-officio treasurer of the same board and for three years was its supervisor, handling considerable money belonging to the town. For this he received compensation. For four years he was deputy sheriff under Sheriff Hanchett and was for a time the late Judge Altgeld's bailiff. During the time of his shrievalty, he, with four other deputy sheriffs, had charge of the jury during the anarchists' trial. He also served as deputy assessor to the town of Lake View. In 1887 he was appointed commissioner of public works of the city of Lake View when it became a city with William Baldenweck as mayor, and held that position until nearly the time when Lake View became a part of greater Chicago.

He has always dabbled some as a scribbler. Within a year or two after going to London he sent a few items to the *Gardeners' Chronicle* and still remembers how proud he was to see his name in print. He was correspondent in London to the *American Gardeners' Chronicle* before he came to New York. On arriving in Albany, within a week he became a writer in the first volume of the *Country Gentleman*, which started in 1853, and has always considered Luther Tucker, the publisher and editor, one of his best friends. He was connected with that paper all the time he remained in Albany and for two or three years after coming to Chicago. Shortly after his arrival in Chicago he became a correspondent of the *Prairie Farmer* and had more or less to do with it until about 1890. He was also connected with the *Orange Judd Farmer*, for several years having charge of the department of Garden and Lawn. He was at one time connected with the *Chicago Daily News* for a few months, and a contributor to a magazine which finally ended in his connection with the *Florists' Exchange*. He became its representative in the west and continued so until the time of his illness, in July, 1902.

Three of his brothers served in the war of the rebellion, one being killed in the Battle of the Wilderness, the other two living until a year or two ago.

He is a corresponding member of the Massachusetts Horticultural Society and at one time surprised that body with a great quantity of old catalogues that he had saved from about 1845 up to the time he began to find such things somewhat irksome to keep. These the secretary considered of quite considerable value to the society.

In his early history in Chicago he was active in landscape work, furnishing the plans from which Calvary cemetery was laid out. He also furnished plans for several gentlemen's places and one for the old Chicago University grounds that was never carried out on account of troubles that occurred to the old organization.

Mr. Sanders became a member of the Stoke, Newington and Clapton Gardeners' Society as early as 1846. He belonged to the mechanics' institutes where he could not find gardeners' clubs. In 1850 he delivered a lecture on botany at the Egham Mechanics' Institute, to which he could not find gardeners' clubs. In the country, he helped to organize the Albany and Rensselaer County Horticultural Society and took part in its proceedings. He also aided in organizing a horticultural club in Albany for the familiar discussion of subjects connected with horticulture and fruit growing. In Chicago in 1857 he helped to organize the Cook County Agricultural and Horticultural Society, and aided in getting up the first fall exhibition on land then all open between North avenue and Division street, and Clark and Wells streets.

In 1858 he helped to organize the Chicago Gardeners' Club and was at one time its president. This society was afterward merged in the Chicago Horticultural Society, which lived until the time of the fire. He also helped to organize a grange of Patrons of Husbandry in this city. The organizer here at that time was H. Kelly, well known in that body. Very shortly after the organization he became a member of the Chicago Florists' Club, still in existence, and is its treasurer. He was for many years a member of the Northern Illinois Horticultural Society and contributed some papers before that body. He has been attendant to many of the Wisconsin and Indiana horticultural societies' meetings and has been made honorary member of same.

The American Association of Nurserymen was organized in Chicago in 1876, and Mr. Sanders was its first president. He became president again in 1884, the convention being held in Chicago for the fifth time. He attended the first annual meeting at Cincinnati, O., of the Society of American Florists and rendered some aid in its organization and has been the Illinois vice-president for several years since.

[Mr. Sanders kindly supplied the data embodied in the foregoing sketch of his career.—Ed.]

NEW BEDFORD, MASS.—The regular monthly meeting of the New Bedford Horticultural Society was held in the Y. M. C. A. building May 8. The following topics were discussed: "Preservation of Dahlia Tubers in Winter," and "Insects Injurious to the Home Garden."



A SUCCESSFUL LAWN VASE.

A Successful Lawn Vase.

The conventional urn or lawn vase is rarely a success. What ought to be an attractive feature is often a defect upon well-kept grounds. The reasons for this are fourfold: Plants in a metallic receptacle are apt to suffer from overheating of the roots and improper drainage. The former difficulty might be avoided by selecting a shady location and plants which thrive best therein.

Overcrowding is another cause of failure, and a fourth mistake is in the selection of inharmonious colors. Granted that "tastes differ" there can be no excuse for filling an urn with salmon or rose pink geraniums and flaming nasturtiums. Another instance of "harmony not understood" was a combination of crimson petunias and scarlet geraniums. Equally hideous color schemes constantly greet the critical eye.

Rustic work is rarely out of place—

not the fussy shallow baskets peeled and varnished, which savor of the grotesque—but something simple and serviceable, like the structure which holds the magnificent growth shown in the illustration. A forked branch of a tree is the more artistic standard, but in the present instance it was convenient to utilize the stub of a maple tree. This supports a section of a lard barrel. Such barrels can be bought of any grocer for 75 cents. They are heavily stayed with bark-covered hoops. With the head replaced and the barrel sawed a couple of inches above the hoops we have two fine tubs. Holes bored in the bottom, near the edge, insure good drainage.

The entire structure is covered with *Ampelopsis quinquefolia* growing around the base of the stump, which is trained and pruned to its present outline, and allowed to re-drape itself with its own rich foliage. An inch or two of refuse

from coal siftings in the bottom prevents the earth from clogging the vents for superfluous water. Given a rich soil and plenty of water with careful selection and arrangement of plants and nature does the rest.

A dark-leaved canna stretches itself in the air, flanked on either side by a free-blooming, dwarf, yellow variety. A fine caladium solemnly waves its massive leaves between delicate pompon dahlias, which are highly effective among the red canna leaves. A footnote of yellow and red coleus completes a luxuriant picture.

W.

Hardening Off of Plants.

In attempting to touch briefly on this most necessary and important adjunct toward successful gardening, I am fully cognizant of the many difficulties which beset gardeners at this season of the year, says a correspondent of the *Gardening World*, and as a sequence of which they are prevented from giving that careful attention to the hardening off of plants in general which is most essential to insure their future success either in the flower beds or when they are again required for the embellishment of the plant houses.

There are few establishments where the accommodation for those plants which are ultimately to be relegated to the flower beds and borders is unlimited. Thus it is from the fact of having the houses crowded up with bedding plants during the early spring months that the average gardener is at his wit's end to know what to do whereby he may provide additional space for other batches of plants which are required for furnishing the houses at later periods of the year. The only and last resort is to unceremoniously rush the things to the open, more often than not heedless of the late conditions under which they have been growing. This sudden change of exposing plants to the full effects of the outside elements proves most harmful and should at all times be avoided. Whether they be of the commonest kind, they undoubtedly receive a check, the evil effects of which are often seen throughout the summer months.

The transference of plants under glass into the open air needs much forethought, and the cultivator should be guided by his knowledge in relation to shade and moisture of those particular plants which he has under his charge. The safest mode of procedure, and which will entail no after ill effects, is to gradually render the atmospheric conditions of the houses so far as is practicable similar to the conditions of the open air. With this end in view, the ventilators of the houses should be thrown wide open day and night for at least a week before the plants are moved wholly to the open. In respect to those plants receiving the protection of frames, the lights may be subsequently entirely removed. By following this method of gradually inuring plants to full exposure, many of the complaints relating to stunted growth and sickly appearance may be obviated.

Another point to bear in mind when removing certain plants to the open air is that care should be exercised that they are not placed in the full blaze of the sun and the teeth of the wind, as over-exposure at the outset, when the growths are somewhat tender, causes untold injury to the plants, and in many

cases they are killed outright. For at least a fortnight after being placed outside they should be located in a somewhat sheltered place, partially shaded from the sun for about two hours on either side of noon. When this slight protection is accorded them the plants will become gradually hardened and will be able to stand almost anywhere.

As a general rule, it may be said of all plants that their roots need protection even more so than the tops. With such plants as ericas, callistemons, rhododendrons, etc., it is always a good practice to plunge the pots up to the rims in coal ashes or other suitable material, thus keeping the roots cool and active, which is a most vital point to their after success.

BURNETT, CAL.—H. H. Hart grows sweet peas and carnations for the market.



The Late Henry G. Flammer.

(See obituary, page 837.)

Dutch Horticultural Society.

At the April meeting of the Dutch Horticultural and Botanical Society, the floral committee made awards as follows:

First-class certificates: W. C. Baron van Boetselaer, Maartensdyk, for *Odontoglossum Harryanum* x *crispum*; H. C. Hacke, Baarn, for *Cypripedium* x *Filia Puthes*; C. J. Kikhert, Haarlem, for *Lycaste Skinneri* Johanna Smit.

Certificates of merit: A. M. C. v. d. Elst, Dedemsvaart, for *Primula* (*Polyanthus*) *Velvet Queen*; H. H. Hacke, Baarn, for *Cypripedium* Charles Canham aurea, and *Brasseo-Laëlia* Mrs. Gratrix; A. C. Dihler, de Sterg, for *Pteris Wimsetti* x *tremula*; P. C. van Tunboven, Haarlem, for *Ada aurantiaca* Royal Prince; B. Ruys, Dedemsvaart, for *Primula acaulis* Pompadour.

Botanical certificate to C. de Langen, Amsterdam, for *Odontoglossum pulchellum*.

Honorable mention: A. M. C. v. d. Elst, Dedemsvaart, for *Primula* (*Polyanthus*) Bruno; B. Ruys, Dedemsvaart, for *Bellis perennis* Alice; E. de Langen, Amsterdam, for *Oncidium leucochilum*.

Cultural commendation to C. W. R.

Scholten, Amsterdam, for *Cypripedium punctatum*.

Silver medal to G. F. Hemerik, Leiden, for a collection of twelve astilbes in four varieties; bronze medal to W. van Veen, Leiden, for collection of same.

MARKET GARDENS.

Rhubarb from Seed.

It is not unusual to grow rhubarb from seed, but it could often be done to advantage in gardens where quantities are required for forcing. A few years ago I was showing a breadth of seedlings to a well known grower of vegetables, and I dwelt upon the advantages of this method. From the appearance of the plants my friend thought the seedlings three times their age, and I find others think the raising of rhubarb from seed a slow process, according to a recent writer in the *Garden*, of London, Eng. It certainly is not if the plants are well grown; and there are other false ideas, one being that it is out of the question to get plants from seed true to name. This is an error of course. Much depends upon how the seed is saved, but this being true the plant rarely fails to be equal if not superior to the parent, as it has splendid vitality, and for some seasons is most vigorous. Seed sown this month (May) in well prepared soil will give splendid forcing roots the second winter, but much depends on the seed at the start. It must not be crowded, and transplant early. For forcing I much prefer it to larger roots, or pieces of old plants. The seedlings should be given an open, sunny quarter, and I should advise seed from other sources. I do not care for home-grown, unless it is a distinct variety one wishes to grow on, and then the seed should be grown away from other plants.

Unproductive Grape Vines.

ED. AMERICAN FLORIST:—

I would like to know what ails the vines in my cold grapery. They grow luxuriantly during the summer and when the leaves fall in the autumn they have large plump buds. In the spring they break very weak and have few clusters of bloom. In the same house I winter pansies and other tender plants in frames and smoke the house thoroughly with tobacco stems about three times during the winter. In the spring the vines bleed where they have been pruned in the fall.

H. T.

I should imagine, from the meagre description given by "H. T." of his cold grapery, that the vines are imperfectly ripened when pruned, and probably the roots have penetrated cold unsuitable soil. I would advise "H. T." to ripen his crop as early as practicable and so give as long a ripening season as possible for the canes, and topdress the border with ½-inch bones and a good quantity of old lime mortar taken from some old torn down building, carefully forking it in, in order to attract the roots to the surface of the border, where they will receive warmth and air. If the border is an outside one, cover in winter with a good depth of well rotted stable manure, adding shutters or boards to cast off the winter's rains and snow.

JOHN ASH.

WITH THE GROWERS

Poehlmann Brothers, Chicago.

At their Morton Grove ranges Poehlmann Brothers have been busy with their rose, carnation and chrysanthemum stock. The new rose stock is doing nicely. There are seven benches of chrysanthemum propagating stock, and cuttings planted within the last two or three weeks are doing well. As is always the custom, they will have an abundance of cut flowers to supply the Decoration day and June wedding trade. Seventeen 600-foot houses are filled with roses. Bride, Bridesmaid, Chatenay, Uncle John, Golden Gate, American Beauty and Sunrise are here in abundance. Liberty is now in excellent bloom; American Beauty, as it nears the end of its season, is making smaller buds, and choice flowers are rather scarce. The old stock is being thrown out.

Two whole ranges are filled with Lawson carnations. White Lawson is here, too, but Gov. Wolcott has been found a close rival. White Cloud is grown extensively and Prosperity is producing flowers of first quality. Some of the other varieties are Enchantress, Higbotham, Flamingo, Patten, Whitney, Estelle, Harlowarden, Red Lawson and Crusader. The daily cut of carnations is large. A round wire support is used, which gives the plant plenty of air and facilitates work.

A number of very fine marguerites are grown, white and yellow, which are large and prolific, affording daily about 800 blooms. Smilax and Asparagus plumosus are doing well. Altogether a large business for Memorial day is expected. During the strike this firm has been hauling all stock to market, which has been inconvenient and expensive. The work, however, has been carried out in such a way that customers are scarcely aware of the existence of labor difficulties.

Miss Bell Miller, Springfield, Ill.

The honor of having the largest greenhouse plant in Illinois' capital city belongs to a woman, Miss Bell Miller. Although she has been in business twelve years and from raising lettuce in a dry goods box covered with glass has come to be the owner and manager of a plant of 60,000 square feet of glass, she has not yet reached the age at which men are thought capable of independence and success in business.



CARNATION HOUSE AT MISS BELL MILLER'S, SPRINGFIELD, ILL.
(Miss Miller is the lady without headdress.)

She began when a school girl to raise plants under glass. She helped build her first greenhouse with her own hands, and is now superintending in detail the construction of a new shed, engine room and three new houses, putting in much of the glass on the latter herself.

Back of her home on Second street, near the state capitol building, Miss Miller has her greenhouses, all modern, remodeled within the last few years, of iron frame, even span construction with iron gutters. In a brick office building there is a store room, provided with a capacious refrigerator, where she conducts a retail trade which is deemed one of the best in Springfield. Her surplus flowers, which are many, she sends to the wholesale market in St. Louis.

Her plant as it stands now covers 50,000 feet of glass, but in process of construction and nearly finished are three houses, 30 x 160, 15 x 160 and 9 x 160 respectively. A new shed, 18 x 94, will be provided with a cellar, and a novel arrangement in the shape of two rooms and a bath for the employes of the plant. Three thirty horse power steam boilers will be put in for a heating plant, and a three horse power engine will provide additional water pressure for use in the houses. These additions are being built on a corner lot 104 x 330 feet, adjoining

Miss Miller's original property, which she purchased for \$10,000. She has five acres in all now devoted to her greenhouse plant and home.

The carnation is her favorite flower, and the one with which she made her first success. The staple roses are grown as she finds novelties do not take well on the St. Louis market. One house is filled with American Beauty. Chrysanthemums in the fall, and roses in the summer, are grown in two houses kept for that purpose, and an illustration shows one of her summer houses in bloom. Carnation novelties are tried out each year. Nelson Fisher, Flamingo and Mrs. Patten are some of the newer varieties now being grown. Miss Miller finds that with her Nelson Fisher is not a good keeper, Mrs. Patten is very good and Flamingo is excellent for fancy stock but does not produce many blooms. It must be put in very early to produce good results.

The story of her remarkable success in business is best told by Miss Miller herself: "I was a school girl in short dresses," she said, "when I first began greenhouse growing. My house was a dry goods box sunk into the earth and covered with glass. Lettuce was my principal crop. I made my house with my own hands, as my father kept a hardware store and gave me carpenters' tools which I learned to use. My lettuce proved a success and with money I earned selling it, I bought material for my first real greenhouse. With the aid of my father's hired man I put it up. Ever since I have done much of the work on my houses. I can beat any man I ever saw putting in glass.

"In my tiny greenhouse I grew carnations and bedding plants and sold them to my neighbors. The money I used to build a larger house where I grew violets. As long as I looked after violets myself I succeeded with them, but when I began to leave the care to hired men they wouldn't grow. But my first violet houses paid so well—violets in the winter being a novelty then in Springfield—that when I quit school my brother persuaded mother to give me \$1,000 and let me enlarge my plant and go into the flower raising business. This was the only money ever given me. The plant has been extended since with



A SUMMER ROSE HOUSE AT MISS BELL MILLER'S, SPRINGFIELD, ILL.



MIXED PILLOW OF ROSES, LILY OF THE VALLEY AND CARNATIONS.

money earned by it. The \$1,000 was used to build a house for carnations. That was twelve years ago and ever since the business has grown. My retail trade is among my own neighbors and I keep it by never being too late on an order and always sending the very best stock. One poor rose in a dozen will spoil the appearance of the dozen and it never gets in here.

"The only time we were ever late on an order was at a wedding in a small town a considerable distance from Springfield. The man sent to the train with the flowers went to the wrong depot and when he got to the right one he was too late for the train. We were getting ready to send him in a horse and buggy when a boy volunteered to carry the flowers out on his bicycle. As he could go faster than the horse we let him take them. He was an hour late getting there but we have never been late since." B.

THE RETAIL TRADE

The Pillow.

Probably there is no design so popular, next to the wreath, as the pillow. These can be made in a great variety, for, although the form is conventional and all frames are much the same in shape, there can be great difference in their appearance when finished. We prefer the single folding frame, under which the supports can be doubled up so that the box, to hold it in transit, is more convenient to handle. The single frame is the one without a top, having only the bottom or dish portion, on which moss can be placed to any height desired. This is tied with a wire bobbin and shaped up according to the style ordered. As a rule it is best to moss quite high in the center, as this makes the most showy piece without taking much more material. Do not fill the bottom of the frame with bright tin foil. If you must use foil, cover with the light or dark violet pattern, the color showing outside. It is better to line the frame with hardy ferns, or, after it is mossed and clipped, pin them all over the surface on top or bottom.

This holds in any loose fragments, prevents the moss from showing through, should there be any scanty places, and furnishes a green foundation that requires less of the more expensive kind when finishing up the design. Too many box frames are seen in such patterns as wreaths, crosses, anchors and other set designs, in which the bright tin foil is very conspicuous, showing on the side as well as on the bottom or back if it is a standing piece. The box form we do not find necessary, as it only makes more surface to be covered up. If mossed carefully the single frame is the neatest and also the cheapest, as they cost considerably less.

Returning to the pillow, the first thing needed is a piece of paper, on which put down the cost of the frame and something for moss and ferns. Then make a list of flowers necessary for the job, with the cost price. If, when these have been used up, it is thought best to add something additional, be careful

to see that the danger limit has not been reached. Work of this character made up without a careful accounting of the stock used is very apt to overrun the mark, and when flowers are scarce and dear it is hard to keep within the limit which will admit of the necessary profit. The fact that we are in business for profit is too often lost sight of in the desire to please this or that customer, or to turn out a nice piece of work without counting the cost. An order for a good-sized design is taken, and when completed the design is much admired by all, who feel that they have turned out something fine and realized a snug sum for the house. Now if an account of the flowers used, frame, cost of delivery, etc., is made, it will frequently be found that there is but little margin, as this feature had been overlooked, or the seemingly good price kept constantly in mind led to an extravagant use of material.

The accompanying illustrations show some of the variations in pillows to which there is really no limit. These samples were not made up to be photographed, but were orders and snap shots were taken of them. They are plain enough to scarcely need description, except that in one the small gypsy basket of single violets is not very plain and in another the center flowers are *Cypripedium Lawrenceanum*.

ROBERT KIFT.

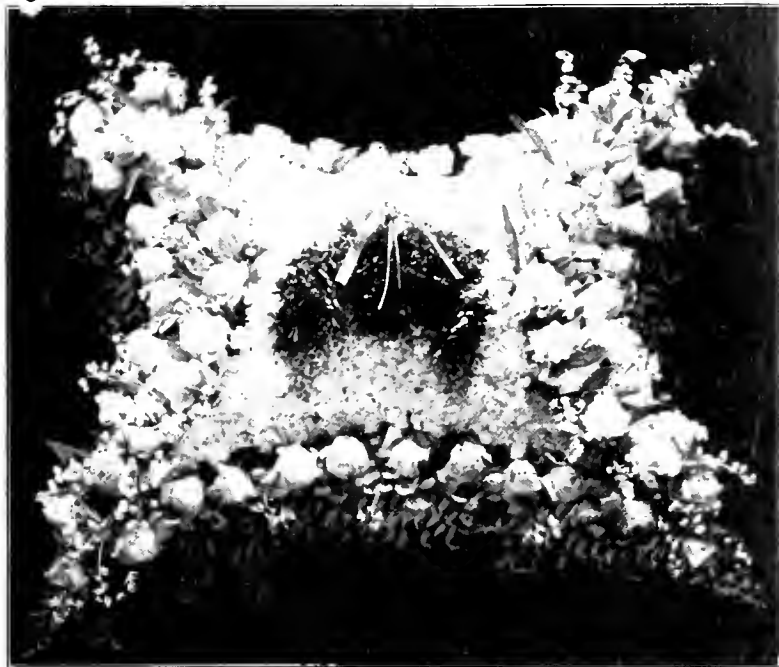
Custom Rapidly Extending.

If you have a friend who is going on a journey you can pay her the nicest kind of an attention by having a bunch of fragrant blossoms to meet her at her journey's end. This is easily managed by telegram or cable to florists in the city of her destination. Many florists have cable connections with foreign cities and ports just for this purpose. The charge of the cablegram is the only extra cost to the sender. The fancy is a pretty one, sure to be appreciated.—Philadelphia Bulletin.

CANONSBURG, PA.—Three new greenhouses are to be erected on the Murdoch farm. This will increase the glass area on this estate to 54,000 square feet.



PILLOW MADE OF ROSES, LILY OF THE VALLEY AND CARNATIONS.



PILLOW WITH BASKET OF VIOLETS.

New York.**MARKET IMPROVED.**

The market is improved to the extent that consignments in such staples as roses and carnations have shortened up a bit. The general demand, however, is still sluggish and the buying in the main limited to actual requirements. Retailers evince little desire to force business in cut flowers, and street merchants are changing fields. Lilac, a bugbear at this season, is passing, and the demand for other commodities strengthened somewhat in consequence. Southern and western peonies have dropped out, leaving the held clear for local products, which are coming in freely. Roses, though plentiful, seem to have passed the glut and clean up on a better basis, but values have not increased to any extent. Carnations move better, although prices are unimproved. Outdoor lily of the valley is quite plentiful, but does not sell briskly. Quantities of iris are arriving from Virginia and go off well in the finer sorts. Orchids are abundant, cattleyas in particular, but fair prices are obtainable. Lilies are shortening up and it is not expected that the supply for Decoration day will be large. Arrivals this week are fine in quality and command good prices. The weather has been cool for many days, and has tended to curtail the cut of inside stock very materially.

HERE AND THERE.

Charles H. Totty, of Madison, N. J., whose specialties are roses and chrysanthemums, is planting one of his 200-foot houses with the Richmond rose. He has about 5,000 plants of this variety, in the pink of condition, and thinks it will be superior to other varieties he has been growing. Mr. Totty is an up-to-date grower in every sense of the word, and a thing of promise never appeals to him in vain. He is planting part of another large house with chrysanthemums for exhibition purposes. He has several new varieties which he expects to stage at the different exhibitions the coming fall, including importations from Aus-

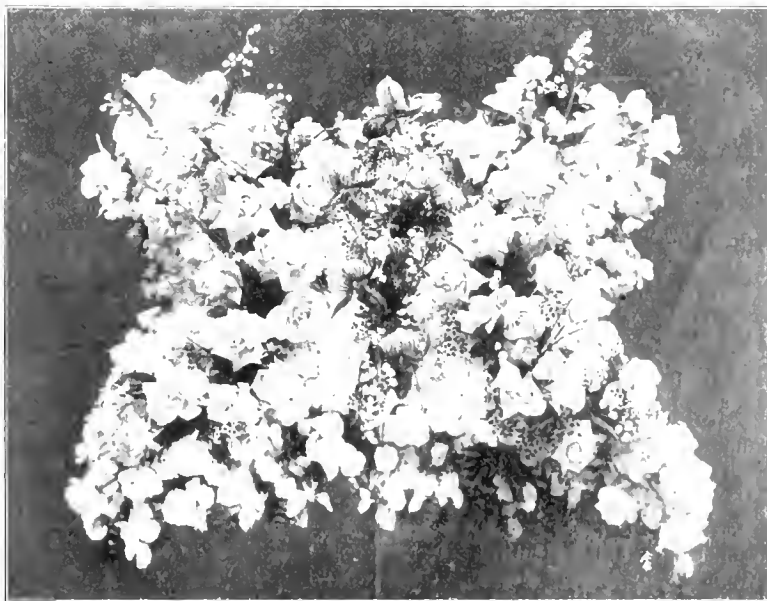
tralia, Japan and France. Speaking of some of his recent introductions he was especially enthusiastic concerning the Mrs. Duckham variety, which he considers a grand one for the florist. He has a 200-foot house filled completely with young stock of different varieties ready to plant of which he is justly proud. In the houses of chrysanthemums planted for cut blooms the varieties most prominent are: Mrs. Duckham, Colonel Appleton, William Duckham, Emily Mileham, and Jeannie Monine. E. G. Hill's new seedling, Among the early varieties he has Merstham Yellow for September, and White Coombs for the second week in October.

The arrangements for the outing of the New York Florists' Club are approaching completion and nothing

seems wanting for the complete success of the undertaking. Athletic sports will as usual form the major part of the entertainment to be provided, and the prize list is growing daily. The events will cover a great range of possibilities, and it would seem that every man, woman and child in attendance should get something. H. A. Bunyard will offer a prize for the handsomest baby on the boat, the term "baby" being limited to such as cannot talk. John B. Nugent, Jr., donates a liberal prize to the man who can the farthest throw a 50-pound weight, and John I. Raynor will give a prize for the bowlers. Twenty-five dollars in five prizes is donated for the lady bowlers. President Treadly, Chas. Schenck and Phil Kessler have also added liberally to the prize list. The place, Glenwood-on-the-Sound, selected for the outing this year is said to be the finest yet visited by the club.

William Enggren, of Aqueduct, has just completed three new Dietsch houses, a construction which he finds well suited for carnation growing. In the new houses he has built concrete and tile benches, believing these to be the most economical. As the wooden benches in his other houses give out he proposes to introduce the concrete form. The new houses are already planted with carnations of the newer varieties, including Lieutenant Peary, White Lawson and Variegated Lawson. He has still a grand cut of carnations in the older houses. Harry Fenn is one of his favorites, and its appearance warrants the favor. Scott has done well here all winter, and shows a sturdy woody growth. Enchantress is another favorite. "I like Enchantress," said Mr. Enggren, "Properly grown, it keeps well enough, and as far as its growing is concerned, I think it is easier to grow it than almost any other carnation."

G. F. Neipp, of Aqueduct, L. I., N. Y., is preparing to build a 200-foot house which he will use for chrysanthemums. He will also make an addition to one house, and build a new one for propagating. He is cutting fine blooms from his carnation houses, his varieties covering Miss Lord, Enchantress, Flora Hill, White Lawson, Joost, and Fla-



PILLOW WITH EFFECTIVE USE OF CYPRIPEDIUMS.

mingo. The latter has done particularly well with him this season.

J. M. Keller, of Bay Ridge, is arranging to retire from business June 1, and expects to make a prolonged trip through Europe after that date. The business will pass to his son-in-law, Max Jordan, and Mr. Appel, the latter having been foreman of the establishment for a number of years, and will be conducted under the style of J. M. Keller & Company.

J. Friedlander, the Broadway florist, last week celebrated his eightieth birthday. "Pop," as he is familiarly called, with all his years is as active as most men a quarter century younger, walks at a good four-mile-an-hour gait and never was known to wait for a car to stop. It is unnecessary to say that he is not a believer in the Osler theory.

Harry Hoffmeir, of Eighty-third street and Broadway, had charge of the floral arrangements at the funeral of Kirke La Shelle, the playwright, last week. It was the wish of the deceased that apple blossoms predominate, and the lawn and house were profusely decorated with them.

Julius H. Zschorna, the florist of De Kalb avenue, Brooklyn, lost his seventeen-year-old daughter, Louise, through pneumonia, May 11. She had recently graduated from a prominent business college and her death was a severe blow to her parents and friends.

The quality of the soil supplied for the restoration of the lawns in Central park has been challenged, but James T. Scott, of Tarrytown, appears to have settled the controversy in his declaration that, in his opinion, it was of the very best quality.

Robert Schultz, Madison, N. J., is still cutting from some fine houses of Bride and Bridesmaid roses, and is getting a grand crop in special grades, which finds a ready market with George Saltford, the New York commission man.

Fred Schweizer, of New Durham, N. J., who makes a specialty of small ferns has three sports very promising in appearance, and of which he is starting propagation with a view to dissemination in the near future.

Bedding plants comprise most of the stock offered in the auction rooms here these days. Tuesday's sales were well attended, and the prices brought fairly satisfactory.

Chicago.

BUSINESS IMPROVED.

Compared with the preceding two weeks, this week's market was much improved. Business started out fair and continued to improve, especially after the middle of the week. Friday was a good shipping day and Saturday was busy. There was not so much left-over stock after the day's business as has been the case for several weeks. Receipts were heavier, as the express companies have been receiving all goods tendered, and there is plenty of outdoor goods, such as spirea, lilac and viburnums. *Dielytra spectabilis* has made its first appearance this season. The receipts of tulips are gradually lessening. Some extra fine lots of Liberty roses have been received and Bride and Bridesmaid are still plentiful. Good American Beauty stock is scarce. Prices have ranged from \$2 to \$8 on different varieties.

Peonies are now being received from

local sources and bringing fair prices, but the demand for them does not seem to have taken hold as strongly as it should, although the stock has been first class. Carnations have been plentiful, good commercial grades bringing from \$1 to \$2, some fancy stock bringing \$3, while for the poorer grades there has practically been no stipulated price, extremely low figures taking stock to clean up. First lots of cape jasmine have been received and are moving fairly well at from \$1 to \$1.50. Pansies have had a good sale at 5 cents a bunch.

There seems to be a shortage of sweet peas in this market, a number of dealers having sold entirely out of them early Saturday. Longiflorum lilies are selling moderately. Some brake ferns have been received, but storage stock is depended upon. If the strike does not interfere, dealers are expecting a good business for the coming week and for Decoration day.

Last week there was a scarcity of good American Beauty stock on the market, but the receipts on Monday and Tuesday of this week were so large that there were plenty of first-class flowers to be had. The latest indications are that there will be a full supply of peonies on hand for Memorial day trade.

NOTES.

The express companies have advised dealers that the present system of transportation in use by the florists will be continued for a time, assuring them that "pick-ups" will be made on Friday, Saturday and Monday.

The several stores of the Washington Shirt Company are profusely decorated with American Beauty roses, peonies and apple blossoms in honor of their fourteenth anniversary. Carnations are given away to customers.

Robert Groves, the fern man, of Adams, Mass., is in the city calling on the trade, this being his first trip to this market. He says the new crop of ferns will be on hand about June 15.

Eugene Brennan, a jobbing gardener, was arrested last week on the charge of passing an alleged forged check on Vaughan's Seed Store and held over to the grand jury.

George Baldwin has secured the contract for the grading and seeding of the entire new subdivision of Oak Park, which will contain about 400 houses.

Bassett & Washburn are now doing some shipping through their city store. Their first shipment of peonies of their own growing has been received.

There seems to be some apprehension that because of the weather there will be a shortage in the supply of carnations for Decoration day.

The John C. Moninger Company reports having shipped thirty-two straight earloads of greenhouse material since January 1.

J. A. Budlong reports that a full crop of Boston Market is now on, and they are cutting a large quantity of extra fine Lawsons.

Vaughan's Seed Store received this week one carload of new mushroom spawn, the first importation of the season.

Alex. Newett, of Deamud's, attended the funeral of Mrs. Lerette, the mother of Mrs. Newett, on May 20 at Joliet.

The Fleischman Floral Company has let the contract for a conservatory at their new north side store.

The Benthley-Coatsworth Company received their first lot of brake ferns last Saturday.

Kennicott Brothers have handled some extra fine double narcissi this week.

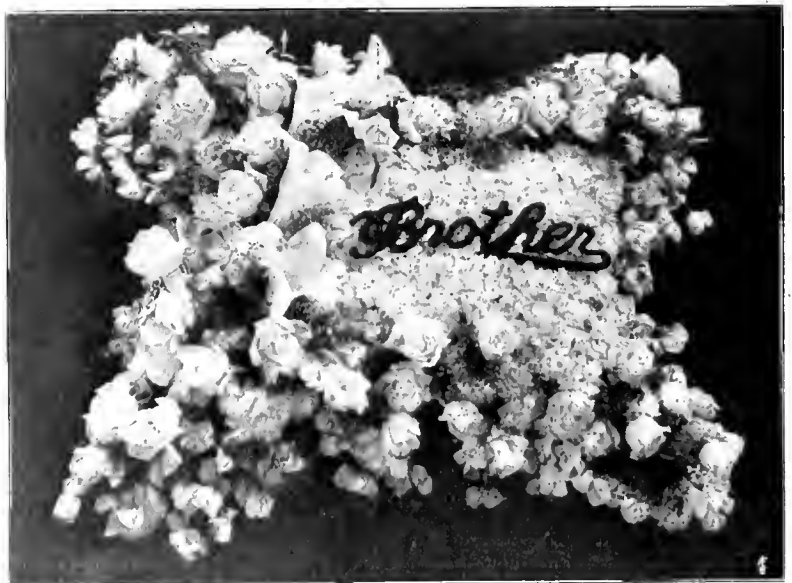
Weiland & Reisch have a stock of good longiflorum on hand.

Visitors: J. W. Lyon, of Belvidere; Gustav Frederickson, Glen Lord, Mich.; H. V. Hunkel, Milwaukee, Wis.

Philadelphia.

FAIR MARKET.

School commencements and private theatricals are leading causes of flower sales at this time and this demand will continue for the next week or two. Decoration day promises about the usual demand, which judging from the accounts of the business in other cities, is not to be compared with them in the volume of business transacted. In this city it means a little hurry in the morning but is all over by noon. The plantmen near the cemeteries have a busy



PLAIN PILLOW WITH INSCRIPTION.

week of it as all the lots must be in apple order on that day. This includes the filling of what beds there are and the placing of the vases and baskets. Peonies are now in and sell well at \$3 to \$5. Carnations are holding out well and are in very good shape for the season. Lawson, Enchantress, Joost, Hill and Queen Louise are the favorites.

NOTES.

William Leonard, of Lansdowne, who last season erected a range of houses something on the Dietsch plan, says that these ranges of glass are admirably suited for the forcing of cut flowers. Bride and Bridesmaid were his specialties the past winter and S. S. Pennock who handles roses from many consignors, diplomatically said that his were equal at least to those of any other consignor. This only bears out Mr. Leonard's reputation as a grower who leaves nothing undone to produce the best. He has a seedling rose with which he is well pleased. It is the result of a cross between Liberty and American Beauty, which seedling was again crossed with Kaiserin. The result is a very pretty deep rose colored flower of good size, shaped something like a Kaiserin. It is produced on fine long stems and is especially free during the summer months.

At Westcott's they have a novelty in the shape of a green hydrangea. It is a plant of the variety Otaksa, the petals of which have all come green. The pistils and stamens appear normal but the petals are of a rather fleshy texture and a rich green in color, about the same shade as the leaves. While not pretty, yet the plant is curious and interesting. Mr. Westcott says he will propagate a few plants and see if it will continue the same color next season.

H. H. Battles' exhibition case at Twelfth and Chestnut contains a deep gilt frame in which are arranged color effects of flowers and foliage in odd vases and other ways such as an artist would depict on his canvas.

Pennock Brothers' window the past week was made attractive with Azalea mollis and cybotium and other ferns, together with Japanese maples. These made a unique and pretty effect.

Charles Hartley the expert grower of snapdragons is cutting quantities of his specialty these days at prices ranging from 50 cents to \$1 per dozen spikes.

The city squares are being planted this week by Herman Schoenfeld who secured the contract. Geraniums appear to be the most prominent plants used.

Mrs. Mary Alburger and Westcott Brothers at South Laurel Hill have a splendid lot of baskets and vases filled ready to be put out on May 27. K.

St. Louis.

MARKET DEMORALIZED.

The market the past week has been demoralized. Everything has been plentiful and demand has been slow. Carnations have been sold in large quantities as low as \$2 per 1,000, and carnations at 5 cents per dozen at retail are sold downtown. The poor despised fakir was never known to be guilty of selling carnations at these figures. Surely something should be done to prevent this. The public naturally enough cannot understand such conditions. It hurts the trade and makes people believe that the florists in general are robbers when carnations and other flowers will reach 50 cents and \$1 per dozen next week. Roses

as well have been very plentiful, and as carnations are sold so cheap the general public prefer them to roses on account of their keeping qualities. Peonies have also felt the slump and 1 and 1½ cents have been the prices; and they are not cleaned out by any means. Sweet peas have also been very plentiful; 30 cents and 40 cents per 100 for the best, while clean-up sales were made at \$1 per 1,000. A few outdoor peas of very poor quality have appeared in the market, as most of the growers predict very poor crops owing to the excessive rains. Fancy ferns are selling at \$2 per 1,000, while daggers are hard to move at \$1 per 1,000. Wild adiantum has been selling at 25 cents per 100. It is to be hoped that the coming week will show brighter conditions and the market return to its normal condition.

TRADE NOTES.

F. J. Foster took the first prize, class 1, for harness horses, with his horse Right of Way, at the horse show given in the National Stock Yards at East St. Louis for the benefit of the hospital fund. The event was the most important social event of the season on the east side.

W. L. Hucke, of Belleville, Ill., makes a specialty of growing asparagus plumosus, planted on benches for sprays and has found it an advantageous practice. He is now sending in some sweet peas of extra fine quality to H. G. Berning, who finds ready sale for them.

The laying out of the different city parks with flower beds of special designs this year, exceeds anything heretofore known. Andrew Meyer and George Ostertag deserve great credit for their work at Forest park especially.

The Growers' Association had its monthly meeting at the hall on Vandeventer avenue May 18. A very interesting meeting was held.

John Koenig, president of the Koenig Floral Company, had a new arrival, a little daughter. Congratulations are now in order.

Alex. Siegel sold over 100,000 carnations at Sixth and Washington streets last week.

F. J. Foster will have a flower stand at Delmar Garden during the summer season. W. F.

New Orleans.

BUSINESS FAIR.

Although the population is suffering under a temperature of from 88° to 95°, business is still going on. Weddings and funerals consume all the flowers grown here, besides large shipments from Chicago. The landscape gardeners all did a very satisfactory business this spring and many large new gardens were laid out or are yet in construction. The sudden cold spell in February surprised many and they had to buy the greater part of new stock from the north. On account of the big chrysanthemum show coming in November, many florists have started already to plant new varieties in addition to the standard sorts. New life is coming to many of our local tradesmen, demonstrated by the erection of new, modern houses or the entire remodeling of the old ones.

NOTES.

The Metairie Ridge Nursery Company, H. Papworth, president, is erecting a new range of six modern cypress

greenhouses 27x225, in addition to those built a few years ago. Roses, carnations and general greenhouse and nursery stock will be grown in a new plant to include 200 acres.

J. A. Newsham did a large shipping business during the season. His fresh sown kentias and seedling arecas are very promising.

The much advertised Nicotiana Sanderae has proved to be a regular weed here. CRESCENT.

Louisville.

The past week, while not very rushing from the cut flower standpoint, was very good in the way of bedding stock. The weather is again very satisfactory for this work, and it has been pushed heavily. Roses are being received in satisfactory quantities, with the quality and demand good. Carnations have been coming in heavily and meeting with fair sales. Sweet peas are still heavily demanded and with few exceptions this stock is able to meet all calls. Mignonette is about out. Peonies have sold unusually well, and some very fine ones are obtainable locally. Green goods are a little scarce.

At the recent meeting of the Kentucky Society of Florists, ex-President Jacob Schulz again brought up the subject regarding the actions of the city in planting beds, trees, wintering plants, etc., at the taxpayers' expense. By this it is not meant the city work, but the work for individuals. There have been quite a few orders lost in this way, and no matter how few they number, the local florists are fully capable of taking care of them. It is hoped the society will meet with success in its opposition to this practice.

Nanz & Neuner have had on exhibition some very fine oriental poppies, also some red peonies. F. L. S.

Detroit.

Trade as a whole the past week has been very good, notwithstanding the unfavorable weather conditions, not a day passing during the week without heavy rains. The sale and planting of bedding stock has suffered considerably. There is an abundance of all seasonable stock, although not to such an extent as to make any difference to the wholesalers, who receive fair prices for all stock. Roses and carnations are plentiful, especially the latter, which bring \$1, \$1.50 and \$2 per 100.

An informal party, given by the Florists' Club, May 10, in the Michigan Cut Flower Exchange building hall, was largely attended by the florists and their friends. The evening was spent very pleasantly with dancing and cards. Several pleasing solos were rendered. Ice cream was served in 4-inch pots with a Lawson carnation in the center.

J. F. Sullivan was called suddenly to the deathbed of his father at Avondale, Pa., on May 13, and has not yet returned.

Visitors: M. Renkauf, Philadelphia, Pa.; Ed. Jansen, New York.

HARRISBURG, PA.—Governor Pennypacker has called a conference of noted scientists, nurserymen and fruit growers to meet at his office for the purpose of discussing the extermination of the San Jose scale. The sum of \$30,000 is available for the state's investigation.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from those in the trade.

Advertisements, on all except cover pages, 10 Cents a Line, Agate; \$1.00 per inch. Cash with Order.

No Special Position Guaranteed.

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Space on front pages and back cover page sold only on yearly contract at \$1.00 per inch, net.

The advertising Department of the AMERICAN FLORIST is for florists, seedsmen and nurserymen and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Monday to secure insertion in the issue of the same week. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send the old address at the same time.

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Society of American Florists.

The annual convention of the Society of American Florists will be held at Washington, D. C., August 15, 16, 17 and 18.

THE Lewis and Clark Exposition is scheduled to open June 1.

AN English grower says that *Adiantum elegans* is much superior to *A. cuneatum* for cutting.

GROWERS should always advise dealers well in advance regarding the stock they will have to offer for holiday or other special occasions.

THE Juvenile Floral Club of Memphis, Tenn., according to the Scimitar of that city, was inaugurated some weeks ago and has resulted in 1,500 additional flower gardens for the city. This is a long step in the right direction.

Correction.

In the AMERICAN FLORIST of May 13 it was stated that the Fairmont Nursery Company, Fairmont, Minn., had been incorporated by B. E., Nina and Victor St. John. We are now advised that this is an error and that no incorporation has taken place.

Society of American Florists.

The New England Passenger Association has authorized a rate of one and one-third fare on certificate plan, in co-operation with rate announced by Trunk Line Association, for persons attending the S. A. F. convention at Washington, D. C., August 15-18, 1905. WM. J. STEWART, Sec'y.

Meetings Next Week.

Lake Geneva, Wis.—The Lake Geneva Gardeners' and Foremen's Association, rooms of the Lake Geneva News, June 3, at 8 p. m.

Manchester, Mass.—North Shore Horticultural Society, June 2.

Minneapolis, Minn.—Minneapolis Florists' Club, Latham's Conservatory, 83 South Tenth street, June 2, at 8 p. m.

Oceanic, N. J.—Monmouth County Horticultural Society, June 2.

San Francisco, Cal.—Pacific Coast Horticultural Society, June 3.

Utica, N. Y.—Utica Florists' Club, 183 Genesee street, June 1, at 8 p. m.

Kansas City, Mo.

FALL FLOWER SHOW.

Plans for the flower show, which is to be held in Convention hall, November 13 to 18 inclusive, are progressing rapidly. The directors of the Convention Hall Building Company have taken hold of the project with enthusiasm, and they have already voted to offer \$5,000 in premiums. It is believed that this is a larger premium list than will be offered at any other show, and it is expected that these liberal prizes will result in attracting to Kansas City exhibitors from all parts of the country. At both the former shows held in Convention hall there were exhibitors not only from all the middle states, but from Maryland, Rhode Island and Canada. Kansas City has not only established a precedent in the flower show world by offering larger premiums than those given at other shows, but the directors of Convention hall adopted the policy of paying the premiums in full on the last day of the exhibition, and it has been a welcome innovation to exhibitors. The same rule will be followed this year, and as the Convention Hall Building Company, with resources of half a million dollars and no liabilities, is behind the project, the payment of premiums does not depend in any way upon the gate receipts. In the past, however, the paid admissions during the week have never fallen below fifty thousand, and indications are that this record will even be increased at the coming show.

The promoters of the show have secured the co-operation of George E. Kessler, landscape architect of the Kansas City park board, who has laid out parks and boulevards, not only in this city, but in many parts of the country, and Mr. Kessler has consented to become director of the show. This means that the exhibition will be carefully and intelligently conducted from

the florists' standpoint, while the Convention hall directors may be counted upon to manage the business end of the enterprise in a satisfactory manner. The florists of Kansas City have selected W. L. Rock, Samuel Murray and W. J. Barnes to act with the directors of Convention hall as an advisory committee.

The premium list, which has just been issued, is the result of the efforts of this joint committee, and it is believed to cover the field very fully. Not only will there be found many handsome premiums for chrysanthemums, carnations and miscellaneous plants, but the rose section has received careful attention, and once more there will be an offering of \$400 in one class for one hundred American Beauty. A similar premium in this class was offered at the last Kansas City flower show, and it brought out remarkable exhibits from all the American Beauty growers. Louis W. Shouse, secretary, Convention hall, Kansas City, Mo., is furnishing copies of the premium list, and all information desired, to those who wish to become exhibitors.

W.

Montreal.

The Montreal city council has voted the sum of \$100 for the destruction of the tussock moth, which has made its appearance in certain squares on the shade trees. The money is to be spent in prizes, chiefly among the school boys, at the rate of 25 cents for 100 moths.

Hall & Robinson are adding considerably to their plant this year: one house 21x168 feet and a lean-to 11x75 feet. Material for both will be furnished by the King Construction Company. They are also adding a 40-horsepower steam boiler.

At the last monthly meeting of the Montreal Gardeners' and Florists' Club, John Walsh gave an enjoyable half-hour lecture on native ferns, taken from Gillett's catalogue, Southwick, Mass.

A letter was read by the secretary from President Vaughan, of the S. A. F., inviting the Montreal members to their next convention.

Last week, the annual horse show being held in the arena, caused a brisk call for cut flowers, especially purple and white, and florists were kept quite busy.

S. S. Bain sprung a surprise among the florists, having a beautifully decorated life-size horse in his window in purple and white flowers and ribbon.

A. Martin, of the firm of A. Martin & Sons, has sold his interest and is going into farming at St. Albans, Vt.

Gabrielle Vreugde's friends will be glad to learn that he is back in town again. Luck.

OBITUARY.

Henry G. Flammer.

Henry G. Flammer, a prominent retailer of Detroit, Mich., died at his residence Monday evening, May 22. He had suffered from rheumatism for many years past, the malady taking a severe hold of him three weeks ago, which necessitated confinement to his bed. With Mr. Flammer's death a well known and highly respected merchant passes away. By his affability, courtesy and obliging manners, he made all those who

came in contact with him at once feel at home. He was born in Germany forty-three years ago. At a very early age he came with his parents to this country, settling at Houghton, Mich. At the age of twelve he moved with his parents to Detroit, his father engaging in the gardening business on the River road. After his school days Henry joined his father in the same business. He was married to Miss Mamie Waltz in 1889. Two years later he severed business connections with his father and succeeded his father-in-law, Fred Waltz, one of the pioneer nurserymen and florists of this city, with greenhouses on Elmwood avenue, who retired. In 1898 Mr. Flammer opened a store on Woodward avenue, which enterprise has been most successful. He leaves a widow and four small children. He was a member of Zion Lodge, F. and A. M., Society of American Florists, American Carnation Society, Maccabees, Woodmen of America and Detroit Florists' Club, which club held a special meeting May 23, and resolutions were adopted lamenting his demise, and arrangements made for the attendance at the funeral May 25.

Thomas M. Bruce.

Thomas Mitchell Bruce, of the firm of John A. Bruce & Company, Hamilton, Ont., died at his home May 12 of heart disease, aged thirty-four years. He was the second son of Frank C. Bruce, ex-member of parliament, and was born in Hamilton. He was a very popular young man and had a wide circle of friends and acquaintances. Three brothers survive, Major Walter H., Stuart and W. Ernest. The deceased was a member of Barton lodge A. F. and A. M. and the Hamilton lodge of Elks. He was a nephew of W. Bruce, manager of the wholesale department of Vaughan's Seed Store, Chicago. It will be recalled that Mr. Bruce figured prominently in a drowning tragedy in 1901, when a storm struck the old war canoe *Wah Weep*, aiding in the rescue of several of the boating party.

Alfred Hudder.

Alfred Hudder committed suicide May 14, in his room at Dehnhard's hotel, by inhaling illuminating gas. He was fifty-five years old and was for two years a resident of Philadelphia. It is believed he was employed by a Germantown, Pa., florist.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1905 is entitled to a five-line WANT ADV. (situations only) free to be used at any time during the year.

Situation Wanted—As for man rose, carnation and general cut flower grower; prefer near Chicago; will furnish the best recommendations. Address Box 327, care American Florist.

Situation Wanted—By a young man single, with 4½ years' experience on retail place. Best of references. New York or Massachusetts preferred. Please state wages with or without board. F. A. FEHLEN, Medford, Mass.

Situation Wanted—As working foreman or manager for cut flowers and general stock. Native of Germany; age 42; life experience; A1 references. For particulars address Box 323, care American Florist.

Situation Wanted—As working foreman on commercial place, by a first-class grower of cut flowers, roses, carnations, chrysanthemums, violets and all kinds of bulbs and plants. Address Box 325 care American Florist.

Situation Wanted—By gardener, single, sober and competent; under glass and outside; good references; private place preferred. State full particulars with salary. Address CHAS. HALDIMANN, Elberon, N. J.

Situation Wanted—By Hollander (engaged) representing European firms in bulbs, seeds, nursery stock, etc.; wants position with American firm. References given. Letters stating full particulars. Box 307, care American Florist.

Situation Wanted—In vicinity of Kentucky, Indiana or Illinois as grower; life experience in roses, carnations, 'mums, violets, bulbs and all kinds of bedding plants; also a good propagator and potter; age 26; able to take charge. Address Box 311, care American Florist.

Situation Wanted—As working foreman thoroughly practical, 34 years of age, single, German, strictly sober, reliable, good education; 20 years' experience, roses, all kinds of cut flowers, bedding plants, palms, ferns, design work, decorations, landscape. First-class reference; state wages and particulars in first letter; disengaged July 1 or later. Box 322 care American Florist.

Help Wanted—An all around man, German preferred. State wages wanted without board. O. R. DEMMLER, Eau Claire, Wis.

Help Wanted—Two men experienced in greenhouse work and gardening. Apply at once to MUR, 3530 Michigan Ave., Chicago.

Help Wanted—A competent florist capable of taking charge of 7,000 feet of glass, retail place; wages \$50 00. F. B. TINKER, Peru, Ind.

Help Wanted—At once, a sober, energetic, up-to-date man as foreman, to grow roses, carnations, chrysanthemums, Easter lilies and spring bedding plants. Pennsylvania. Address Box 324, care American Florist.

Help Wanted—An experienced and competent florist and landscape gardener; only one thoroughly competent need apply. Salary, \$540 per annum and living. Address T. C. BIDDLE, Supt. Topeka (Kansas) State Hospital.

Help Wanted—A first-class grower of general stock for position of working foreman with a Chicago retail establishment of 10,000 square feet of glass, where pot plants are grown almost exclusively. Must be able to produce choice stock and assist in store when necessary. An American with some knowledge along mechanical lines preferred, as some rebuilding is anticipated. Good place and steady position to right party. Address, giving references as to character and ability, Box 326, care American Florist.

An Opening—For greenhouse and nurseryman combined at Alexandria, Minn. Address W. K. BARNES, Alexandria, Minn.

For Sale—Coil boiler, 25 pipes, 4 ft. long, 1½ inch, at \$75.00. Address C. WINTERICH, Defiance, O.

For Sale—Retail flower store; reasonable. Reason for selling, party going west. Address Box 314, care American Florist.

For Sale—A good business, in a fine town. Doesn't require a fortune. Investigate. Address Box 221, care American Florist.

For Rent—Small greenhouses, about 4,000 sq. ft. of glass. Address A. AKERS & Co., Johnstown, Pa.

For Sale—Nine greenhouses, dwelling house and barn, 3½ acres of land, for sale cheap at Newtown, Pa. H. W. WIELAND, P. O. 109, Newtown, Pa.

For Sale—4-inch cast iron pipe at 6c per foot. One Kroeschell boiler, extra large size, cost over \$500 for \$150. Address HELLER Bros., New Castle, Ind.

For Sale—Owing to the death of the proprietor, the greenhouses and stock of the Lake Geneva Floral Co., established in 1890 are offered for sale. A good opening for a practical man. W. H. HAMMERSLEY, Lake Geneva, Wis.

For Sale—1 good Kroeschell Bros., hot-water boiler, capable of heating 15,000 square feet of glass in good shape, price \$210.00; 1 good Kroeschell Bros., steam boiler 54x16, just taken out, price \$250.00. Reason for selling installing larger boilers. 4-inch greenhouse cast iron pipe and fittings, \$8.00 per 100. f. o. b. cars Morton Grove. Boilers in service 7 and 8 years. Bargain. POEHLMANN BROS. CO., Morton Grove, Ill.

For Sale—In Providence; an opportunity to buy a wholesale and retail flower establishment. Business well established. Beautiful display window; located on the principal street. For further information address H. W. HILZBUSCH, 21 Custom House St., Providence, R. I.

For Sale—A good florist business in a western city of 60,000 can be purchased at a great sacrifice. Well established trade and prospects for future bright. Is worth \$1,700, but will dispose of business for \$700 cash. Ill health cause of disposition of business. Box 217, care American Florist.

For Sale—In a city of 50,000 inhabitants, an old established greenhouse plant of about 30,000 feet of glass devoted to cut flowers and bedding plants, mostly wholesale; also ten acres of land, six room dwelling and barn; all built six years ago. First-class market for roses; there are none grown here to speak of. Reason for selling, want to retire from business. For particulars, address E. J. BOLANZ, Akron, O.

For Sale—Old age compels me to quit business. I offer my two greenhouses, well stocked, No. 17 Hitchings boiler, pipes, house of seven rooms, lot, hotbed, sash, etc., for sale cheap. City of 3,000 inhabitants, sixty-five miles from Chicago. Shipping facilities in all directions. Splendid location for a hustler, with no greenhouse inside of twenty-eight miles. Will sell greenhouses alone if desired. Correspondence solicited. CHARLES FAUER, Harvard, Ill.

For Rent—At Frederick, Md., greenhouses 18x63, 12x102, 20x162, boiler room 18x60, equipped with No. 8 Furman boiler, and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure, labor cheap, city water; no stock on hand. Rent \$300 per annum, half payable in advance every six months. Ill health of owner compelled retirement from successful business; principally vegetables under glass and mushroom for Washington and New York. HENRY TRAIL, Frederick, Md.

For Sale—Our entire plant, 10 greenhouses, about 25,000 ft. glass, nearly all 16x24 inches in size, and double thick. Iron and cedar posts, cypress bars; business established over 30 years, but entirely rebuilt in last 10 years; heating, hot water under pressure. A large percentage of income is from cut flowers and floral work; entire products sold retail. Receipts all right, books open. Terms easy. We are only 20 miles from Massachusetts state line, with some of N. H. fine summer resorts near us. Address ELLIS BROS., Keene, N. H.

For Sale or Rent.

10,000 feet of glass, three acres of ground at Narberth Station, main line Pennsylvania railroad. Houses well stocked with spring plants, carnations and chrysanthemums. Terms easy. CHARLES F. KRUEGER,

Reading Terminal Flower Stand, Philadelphia, Pa.

For Sale

The florist plant and business of the late Edward H. Howland, Holyoke, Mass. This plant consists of 31,860 square feet of land in the center of the city, with a complete and modern greenhouse equipment. The business is a wholesale and retail business and is the leading establishment in a city of 50,000 people. For particulars apply to

N. B. AVERY, Administrator,
24 Dwight Street, HOLYOKE, MASS.

ELECTROS...

For Catalogue Purposes.

WE have a large assortment of strictly high-class halftones of which we can supply electros suitable for catalogue illustration. If you need anything in this way, state your requirements and we will submit proofs of the illustrations in stock.

Price for cash only 15 cents per square inch.

THE AMERICAN FLORIST CO.,
.....324 Dearborn St., CHICAGO.

SOMETHING NEW.

NOW that the season for Wild Smilax is over and no more stock can be supplied, I wish to call your attention to the Branches of the **Huckleberry Tree** as a most elegant Decorative Green.

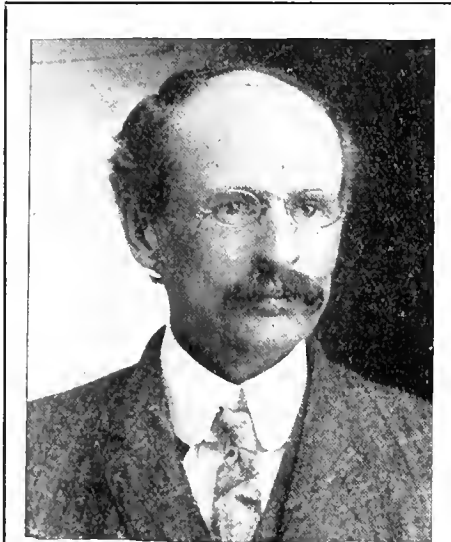
It is largely used by the Florists of the Pacific Coast, Washington and Oregon, in Decorations. The Branches are **FLAT**, very thickly furnished with exceedingly lustrous, green leaves and it seems to adapt itself to almost any position in decoration that the Wild Smilax can be used in.

As the introducer of Southern Wild Smilax, I think you can give me credit for knowing a good thing when I see it, and I am convinced that in Huckleberry Branches you will have a very beautiful substitute for the Wild Smilax, of great value to you through the months of May and June.

I am anxious to get the Verdict of the Floral Trade on this introduction and offer to send you a Case on Suspicion, price \$2.50 per Case if it suits you, nothing if it does not. Will you try a case on these terms?

Yours very truly

Caldwell The Woodsman,
EVERGREEN, ALABAMA.



CALDWELL THE WOODSMAN.
The Man Who Gave You the Wild Smilax.

New Crop Hardy Ferns Now Ready FANCY...\$1.25 per 1000
DAGGER 1.00 per 1000

Please mention the American Florist when writing.

H. M. ROBINSON & CO.

Hardy DAGGER FERNS, \$1.50 and \$2.00 per 1000.

BRONZE and GREEN GALAX, \$1.00 per 1000.

BOUQUET GREEN, \$7.00 per 100 pounds.

Sphagnum Moss, Laurel Festooning and Leucothoe Sprays.



MEMORIAL DAY



FLORISTS' SUPPLIES OF ALL KINDS

Such as Milkweeds, Cape Flowers, Immortelles, Cycas Leaves, Ribbons, Cut Wire and Wire Designs, and all kinds of Letters.

ORDER EARLY. Owing to the late Spring the supply of FERNS will be Limited.

8 and 11 Province St., BOSTON, MASS.

Surplus Bedding Stock **ADVERTISE IT NOW.**

Don't Take Chances.

Decoration Day business is too valuable to you to take chances on. Anybody can make good claims about filling orders; we make the claims and we will make good on them, **sure.**

We Work All Day Sunday, May 28th.

Where necessary or desired we will ship flowers for Decoration Day use, on Sunday preceding. Telegraph us your orders, early or late.

Weiland & Risch,

59 Wabash Ave., CHICAGO.

Telephone Long Distance Central 879.

American Beauty Per doz.

Long.....	\$4.00
24-inch stem.....	3.00
20-inch stem.....	2.00
15-inch stem.....	1.50
12-inch stem.....	1.00
Short stem, per 100, \$4.00 to \$6.00	
Per 100	
Brides, Bridesmaids.....	\$3.00 to \$ 6.00
Kaiserin, Golden Gate.....	4.00 to 8.00
Liberty, Chatenay.....	4.00 to 10.00
Carnations, good.....	2.00 to 3.00
" large and fancy.....	3.00 to 4.00
Peonies.....per doz., 75c	
Valley.....	3.00 to 4.00
Callas.....per doz., \$1.00 to \$1.25	
Tulips.....	3.00 to 4.00
Easter Lilies, per doz., \$1.50 to \$1.75	
Sweet Peas.....	.75 to 1.25
Mignonette.....	.35 to .75
Marguerites.....	1.00
Shasta Daisies.....	1.50
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri.....	3.00 to 4.00
Ferns.....per 1000, \$3.00	.30
Galax.....per 1000, \$1.25	.15
Leucothoe.....	1.00
Adiantum.....	1.00
Smilax.....per doz., \$1.50 to \$1.75	

SUBJECT TO CHANGE WITHOUT NOTICE.

Cyclamen Plants.

Seed taken of only selected flowers and well built stock; none better. Once transplanted, \$2.00 per 100, \$18.00 per 1000; twice transplanted, \$3.00 per 100, \$25.00 per 1000.

Cannas, from 4-in. pots, \$7.00 per 100; Pennsylvania, Andrew Lang, Duke of Marlborough, Allemania, Austria, Berat and McKinley.

Echeveria, \$3.00 per 100. **Alternanthera**, brilliant, the best red and yellow; **Gnaphalium**, **Santolina**, **Mme. Sailer**, **Ceranium**, and **Colo**, from 2-inch pots, at \$2.00 per 100, \$18.00 per 1000.

Asters, Olmstead, white, and Semple's branching in pink, white and lavender, once transplanted from selected flowers, \$1.00 per 100, \$8.00 per 1000.

C. WINTERICH, Defiance, Ohio.

NOW READY

California Grown Freesias.

Write for samples and prices.

VAUGHAN'S SEED STORE
CHICAGO. NEW YORK.

GRANDIFLORA

JASMINE BUDS.

Our buds are **EXTRA GOOD**, but the supply will be limited. We have an experienced packer. Your buds will reach you in good condition.

PRICES: \$6.50 per 1000; 75c per 100.

TERMS: Cash with order. Address

Capt. J. M. WEEMS, Alvin, Texas

CARNATION BLOOMS.

FINE STOCK.

Asparagus Plumosus

Long, heavy strings. Low price.

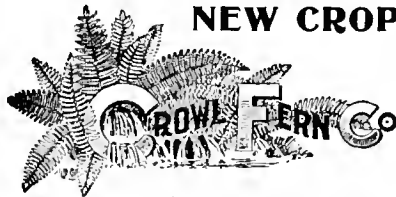
W. H. WATSON, Lapeer, Mich.

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This is the British Trade Paper, being read weekly by all the Horticultural traders; it is also taken by over 1000 of the best continental houses. Annual subscription to cover cost of postage 75c; Money orders payable at Lowdham, Notts.

Address EDITORS OF THE "H. A."
Chilwell Nurseries, LOWDHAM, Notts, England.



Dagger Ferns

\$1.50 per 1000. They are the finest and largest ferns ever sold.

FANCY FERNS, \$1.50 per 1000.

Bouquet Green, \$7.00 per 100 lbs. **Bouquet Green Wreaths and Laurel Wreaths**, all sizes and prices.

Laurel Festooning, extra fine and full, 4c, 5c and 6c per yard, and made fresh daily from the woods. Send for sample of our Laurel Wreaths for Memorial Day use.

Bronze and Green Galax, 75c per 1000. Discount on large orders.

Send us your orders for **Memorial Day NOW** and you will get the best to be had and at rock-bottom prices.

Satisfaction guaranteed. No matter how large or small the order it will be filled promptly and with the best and freshest stock right from the woods. Telephone and telegraph orders will receive immediate attention.

Telegraph Office, New Salem, Mass. Long Distance Telephone Connection. TELL US YOUR WANTS; WE WILL DO THE REST.

CROWL FERN CO., - - MILLINGTON, MASS.

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Floral.... Arrangement.

The first special newspaper in the world for floral arrangement.

250 ILLUSTRATIONS ANNUALLY.

Specimen number free. Subscription, \$2.40 yearly.

BINDEKUNST-VERLAG,
J. Olbertz, ERFURT, GERMANY.

CORK BARK

For Window Boxes. Flat or Cylindrical.

BIRCH BARK in large sheets.

CLARE & SCHARRATH 170 E. Madison St. CHICAGO.

Mrs. Prepared Palms and Artificial Flowers.

N. Lecakes & Co.

53 W. 28th St., New York.

Tel. No. 1214
Madison Square



Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower



Market. Specialties: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

Green and Bronze Galax Leaves, \$1.00 per 1000.

Please mention the American Florist when writing.

National Florists' Board of Trade,

Office: 56 Pine Street, New York.

Credit Reference Book. A subscription to our Credit List will cost you \$10 a year, and it may save you \$100 the first month. Special Reports. We make a specialty of this part of our work. Collections. We collect slow and doubtful accounts. Why not go through your books at once and send us all the claims that are in arrears?

Always mention the American Florist when you order stock.

New Crop Cut Fancy and Dagger Ferns READY MAY 1. Prices: Fancy, \$1.25 per 1000; Dagger, \$1.00 per 1000. Special quantity quotations on application.

BOOK NOW AND BE SURE OF A SUPPLY.
CROP SHORT THIS SEASON.

E. A. BEAVEN, - - Evergreen, Ala.

E. H. Hunt,
WHOLESALE
Cut Flowers

"THE OLD RELIABLE."

76 Wabash Ave., ...CHICAGO.

Please mention the American Florist when writing.

Wholesale Flower Markets

MILWAUKEE, May 24.

Roses, Beauty, long, per doz.	3.00@1.00
" " med.	2.00
" " short	.75@1.00
" Liberty	3.00@ 8.00
" Chatenay	3.00@ 6.00
" Bride, Bridesmaid	3.00@ 6.00
" Meteor, Golden Gate	3.00@ 6.00
" Perle	2.00@ 5.00
Carnations	1.00@ 4.00
Smilax	15.00
Asparagus sprays	3.00
Valley	3.00
Adiantum	1.50
Callas	8.00@10.00
Harrisli	8.00@10.10
Tulips, Daffodils	2.00@ 3.00
Peonies	5.00@ 6.00
Sweet Peas	.75@ 1.00

PITTSBURG, May 24.

Roses, Beauty, specials	20.00@25.00
" " extras	15.00@20.00
" " No. 1	10.00@12.00
" " ordinary	2.00@ 4.00
" Bride, Bridesmaid	3.00@ 6.00
" Meteor	6.00@ 8.00
" Liberties	8.00@ 12.00
" Perle, Chatenay	3.00@ 8.00
Carnations	1.00@ 3.00
Lily of the valley	4.00
Smilax	12.50@15.00
Asparagus, strings	25.00@50.00
Asparagus Sprengeri	25.00@50.00
Lilies	10.00@12.50
Adiantum	1.25@ 1.50
Mignonette	2.00@ 3.00
Sweet Peas	.20@ 1.00

CINCINNATI, May 24.

Rosea, Beauty, per doz.	1.00@ 4.00
" Bride, Bridesmaid	3.00@ 6.00
" Liberty	4.00@ 8.00
" Meteor, Golden Gate	4.00@ 8.00
Carnations	1.00@ 3.00
Lily of the valley	3.00@ 4.00
Smilax	50.00
Adiantum	12.50@15.00
Callas	1.00@ 1.50
Asparagus Plumosus and Sprengeri in bunches	.35c per bunch
Harrisli	12.50@15.00
Margarites	.35

St. LOUIS, May 24.

Roses, Beauty, long stem	2.00@ 2.50
" " medium stem	1.00@ 1.50
" " short stem	.35@ .75
" Bride, Bridesmaid	2.00@ 5.00
" Liberty	2.00@ 5.00
Carnations	1.00@ 3.00
Smilax	15.00
Asparagus Sprengeri	1.50@ 3.00
" Plumosus	25.00@50.00
Ferns, fancy	per 1000, 2.50
Adiantum	1.00

CLEVELAND, May 24.

Roses, Beauty, per doz.	.50@ 3.00
" Bride, Bridesmaid	3.00@ 8.00
" Meteor	3.00@10.00
Carnations	1.50@ 3.00
Smilax	20.00
Asparagus, strings	25.00@50.00
" Sprengeri	1.00@ 2.00
Common ferns	2.00
Sweet peas	.50@ 1.00
Peonies	.50@ .75

DEAMUD Has
WILD SMILAX,
FANCY FERNS,
ROSES, CARNATIONS, VALLEY, and everything seasonable in quantity.
Send your orders to me.
J. B. DEAMUD, 51 Wabash Avenue,
CHICAGO.

HOLTON & HUNKEL CO.,
Wholesale Cut Flowers
462 Milwaukee Street, MILWAUKEE, WIS.

CHAS. CHADWICK,
COR. FULTON & LAGRAVE,
Grand Rapids, Mich.
WHOLESALE and RETAIL FLORIST.
High-Grade Cut Blooms.
Carnations, Roses, 'Mums, Violets, Etc.
Choice American Beauties a Specialty.
Artistic Designs on Short Notice.
Good Shipping Facilities to all Michigan Points.
—A TRIAL ORDER SOLICITED.—
Please mention the American Florist when writing.

AMERICAN BEAUTIES.
Cut Roses—American Beauties and all kinds of Tea Roses at lowest prices. Trial orders solicited.
HELLER BROS., New Castle, Ind.
South Park Floral Company
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FANCY
CARNATIONS and ROSES
Pittsburg's Largest and Oldest Wholesalers.
PITTSBURG CUT FLOWER CO., Ltd.
504 Liberty Ave., PITTSBURG, PA.

Vaughan & Sperry,
Wholesale Florists,
58 and 60 Wabash Ave., CHICAGO.
WRITE FOR SPECIAL PRICES.

—BUY YOUR—
Cut Flowers, Florists' Supplies,
WIRE DESIGNS at
THE FLOWER GROWERS' MARKET,
60 Wabash Ave., CHICAGO

Don't Run any Risk in having your orders delayed on account of the Chicago Teamsters' Strike.
No Strike at Cincinnati, O. and plenty of Stock.
Send in your orders and they shall be filled promptly. All flowers sold at prevailing market prices.

Peter Weiland,
128 East Third Street,
CINCINNATI, O.
Or NEW CASTLE, IND.
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GEO. H. ANGERMUELLER
Wholesale Florist
Cut Flowers and Florists' Supplies.
CONSIGNMENTS SOLICITED.
1324 Pine Street, **St Louis, Mo.**
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Peonies, Cut Flowers
In splendid assortment for Decoration Day, in crimson, white, rose, pink, etc., etc. Write for prices.
F. A. BALLER, Bloomington, Ill.

There Are Buyers
For all kinds of good stock advertised in.....
THE AMERICAN FLORIST



A Daily Shipment From 40 to 60 Growers

Your Memorial Day Order

Will Be in Good Hands if Placed
in Our Care.

WE believe it will be to your advantage to **DO IT NOW** as present indications are for heavy demands and a none too plentiful supply. Telegraph or telephone at the last moment if necessary. We can and will take care of your wants if stock is in this market.

E. F. WINTERSON COMPANY,
45-47-49 Wabash Ave., CHICAGO.

CURRENT PRICES.

For Week of May 25th to June 1st.

Roses—American Beauties	Per doz.
Select.....	\$3.00 to \$4.00
Medium.....	1.50 to 2.50
Short.....	.75 to 1.00
	Per 100
Meteors, Liberty, Gates.....	\$4.00 to \$10.00
Brides, Maids, Kaiserins.....	4.00 to 7.00
Perles.....	3.00 to 7.00
Good seconds.....	4.00
Our selection, assorted.....	3.00 to 4.00
Carnations—Extra select.....	3.00 to 4.00
Average quality.....	2.00
Cape Jasmine, to large quantities	1.00 to 1.50
Peonies, red, pink, per doz., 75c.	5.00 to 8.00
White, per doz., \$1.00.	
Valley, extra select, indoor.....	4.00
Extra select, outdoor.....	2.00 to 3.00
Marguerites.....	.75 to 1.00
Callas.....	8.00 to 12.00
Harrisii and Longiflorum.....	10.00 to 12.00
Sweet Peas.....	.75 to 1.00
White.....	1.00
Ferns—Adiantum.....	.50 to 1.00
Common Fancy, subject to advance, per 1000, \$2.50 to \$3	.30
Galax Leaves, Green and Bronze, per 1000, \$1.25.....	.20
Asparagus Plumosus, select strings, each, 25c, to 50c, Sprays, bunch, 50c.	
Asparagus Sprengeri, doz., 25c to 50c.	
Smilax, select, per doz., \$1.50 to \$2.00.	

Any flowers, in or out of season, if obtainable anywhere, can be had from us, whether quoted or not.

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

32, 34, 36 RANDOLPH ST.,
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L. D. 'Phones Central 1978 and 1977.

Please mention the American Florist when writing.

PLANT NOW

Lily of the Valley

FOR JUNE WEDDINGS.

Selected Valley Pips from cold storage, thoroughly frozen, \$13 per 1000; \$1.50 per 100.

H. N. BRUNS,

1409 W. Madison Street, CHICAGO.
Please mention the American Florist when writing.

Michigan Cut Flower Exchange,
WM. DILGER, Mgr.

Fancy and Dagger Ferns.
All Cut Flowers in Season.

38-40 Miami Ave. DETROIT, MICH.

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and
Growers of **Cut Flowers**
GREENHOUSES: HINSDALE, ILL.

WIETOR BROS.

Wholesale
Growers of **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

51 Wabash Ave., CHICAGO.

Wholesale Flower Markets

Chicago, May 21.

Roses, Beauty, 30 to 36-in. stems	4.00@ 5.00
" " 20 to 24 " "	3.00@ 4.00
" " 15 to 18 " "	2.00@ 2.50
" " 12 " "	1.50
" Liberty.....	10.00@12.00
" Chatenay.....	6.00@10.00
" Bride, Bridesmaid.....	6.00@10.00
" Golden Gate.....	6.00@10.00
" Gen'l MacArthur.....	6.00@10.00
Carnations.....	3.00@ 4.00
Valley.....	3.00@ 4.00
Asparagus Plumosus, per string 25 to 50s	
" sprays 2.00@5.00	
" Sprengeri.....	2.00@ 5.00
Leucothoe sprays.....	1.00@ 1.25
Galax Leaves, Bronze, per 1000 \$1.50	.20
Adiantum.....	.75@ 1.00
Fancy ferns.....per 1000	3.00
Smilax.....	15.00@20.00
Narcissus, Double Poet's.....	2.00
".....	1.00

D. WOOD BRANT,

SUCCESSOR TO BRANT & NOE FLORAL CO.
—Grower of—

CUT FLOWERS AT WHOLESALE.
Choice Carnations. Any quantity. Prices
very reasonable. Wire or write.

Careful attention given shipping orders.
58-60 Wabash Ave., CHICAGO.

PETER REINBERG

51 Wabash Ave., CHICAGO.

Wholesale Cut Flowers

LARGEST GROWER
IN THE WORLD

Price List.

AMERICAN BEAUTIES—	Per doz.
Extra Select.....	\$ 4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00
15-inch stems.....	1.50
12-inch stems.....	1.25
Short stems.....	\$.75 to 1.00
	Per 100
LIBERTY.....	\$5.00 to 10.00
CHATENAY.....	5.00 to 8.00
MAIDS AND BRIDES.....	4.00 to 6.00
PERLE.....	4.00 to 6.00
UNCLE JOHN.....	4.00 to 8.00
CARNATIONS.....	2.00 to 2.50

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over \$5.00.

Please mention the American Florist when writing.

Poehlmann Bros. Co.

Wholesale Growers of

and
Dealers in **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

Greenhouses: 35-37 Randolph Street,
Morton Grove, Ill. CHICAGO.

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THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

AGENTS FOR THE EVERLASTING GREENHOUSE TILE BENCH.

52 and 54 High Street,

CLEVELAND, OHIO.

Please mention the American Florist when writing.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.
FLORISTS' SUPPLIES all kinds.
Long Distance Telephone, 6266-6267 Main.

Grafted Rose Stock.

BRIDE, BRIDESMAID, KAISERIN, CARNOT and LIBERTY, extra large plants, \$15.00 per 100; \$120.00 per 1000.

OWN ROOT STOCK.

BRIDE, MAID, KAISERIN, CARNOT and LIBERTY, extra large plants, \$4.00 per 100; \$35.00 per 1000.

AMERICAN BEAUTY, \$6.00 per 100; \$50.00 per 1000.

W. H. ELLIOTT, Brighton, Mass.

—THE—
J. M. McCullough's Sons Co.

WHOLESALE FLORISTS

ALSO SUCCESSORS TO

THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

316 WALNUT ST.

CINCINNATI, O.

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H. G. BERNING

Wholesale Florist

1402 Pine St., ST. LOUIS, MO.

C. A. KUEHN,
Wholesale Florist,

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

Wholesale Flower Markets

BOSTON, May 23.

Roses, Beauty, best	20.00@25.00
" " medium	12.00@20.00
" " culls	6.00@ 8.00
" " Bride, Bridesmaid	4.00@ 6.00
" " Extra	8.00@12.00
" " Liberty	1.00@ 8.00
Carnations	1.00@ 1.50
" " Fancy	1.00@ 2.00
Lily of the valley	2.00@ 3.00
Smilax	12.00@16.00
Adiantum	1.00
Asparagus	35.00@50.00
Violets	.85@ .50

PHILADELPHIA, May 23.

Roses, Tea	3.00@ 4.00
" " extra	6.00@ 8.00
" " Liberty	4.00@15.00
" " Queen of Edgely, extra	15.00@25.00
" " Beauty, extra	10.00@12.00
" " firsts	15.00@25.00
" " firsts	10.00@12.00
Carnations	1.50@ 4.00
Lily of the valley	3.00@ 4.00
Asparagus	25.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Gardenias	.12@ .15
Mignonette	2.00@ 3.00
Easter lilies	6.00@ 8.00
Callas	6.00@ 8.00
Sweet Peas	.75@ 1.50

BUFFALO, May 23.

Roses, Beauty	4.00@25.00
" " Bride, Bridesmaid, Meteor.	2.00@ 8.00
Carnations	1.00@ 3.00
Herrliii	8.00@10.00
Lily of the valley	.50@ 4.00
Asparagus, strings	40.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Lilium Longiflorum	6.00@10.00
Sweet peas	.30@ .60
Tulips	1.00@ 2.00

Pittsburg Florists' Exchange,

WHOLESALE FLORISTS

and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.

Send for weekly price list and prices on large orders.

Please mention the American Florist when writing.

J. B. MURDOCH & CO.

WHOLESALE FLORISTS,

FLORISTS' SUPPLIES.

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Please mention the American Florist when writing.

RICE BROTHERS,

128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers Billed at Market Prices.

Shippers of choice Cut Flowers and Greens of all kinds. Try us.

Zech & Mann

Wholesale Florists

Room 218, 51 Wabash Ave., CHICAGO.

Telephone, Central 3284.

Beauties and Valley } THE LEO NIESSEN CO.

1217 Arch St., PHILADELPHIA, PA.

Please mention the American Florist when writing.

KENNICOTT BROS. COMPANY

40-42-44 Randolph St., CHICAGO.

Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.

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CARNATIONS
ROSES, Etc.

The Philadelphia Cut Flower Co.

1516 and 1518 Sansom Street,

PHILADELPHIA,

PA.

THE RELIABLE Commission House,
Jos. S. Fenrich

Bell Telephone, 324
 325 Madison Square.

48 W. 30th Street, **NEW YORK.**

YOUNG & NUGENT

42 West 28th Street,
 Telephone 2085, Madison Sq. **Wholesale Florists.**

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their order with us that they will not be disappointed.

J. K. ALLEN,

Wholesale Commission Florist,

108 West 28th Street, **NEW YORK.**

American Beauties, Orchids, Roses,
 and Every Variety of
Carnations, Violets, CUT FLOWERS.

Tel. 187 Madison Square.

Open every day at 6 a. m.

Telephone No. 756 Madison Square.



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Wholesale Commission Florists,

55 and 57 West 26th St., **NEW YORK CITY.**

Advice of sale note daily. Statement and check weekly. All consignments large or small receive the same attention. **CORRESPONDENCE INVITED.**

WHOLESALE WILLIAM GHORMLEY, COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

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Original Pioneer House—Established 1871.

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117 W. 30th St., **NEW YORK.**

Wholesale and Commission

Consignments solicited. Shipping orders promptly attended to. Phone 626 Madison.

—FLOWERS SHIPPED BY—

John I. Raynor,

Are the best product of the best growers for the New York Market.

ADIANTUM CROWEANUM sold here exclusively.

49 W. 28th St., **NEW YORK.**

Tel. 1998 Madison Square.

Walter F. Sheridan,

WHOLESALE FLORIST,

Telephone 902 Madison Square.

39 West 28th St., **NEW YORK.**

20 years' experience. Tel. 4878 Madison.

JOHN SELIGMAN,

WHOLESALE FLORIST

56 W. 26th Street, **NEW YORK.**
 OPPOSITE N. Y. CUT FLOWER CO.

Everything in Cut Flowers. Consignments from growers solicited. Prompt returns. Best prices. Satisfaction guaranteed.

George Cotsonas & Co.

Wholesale and Retail Dealers in all kinds of

Evergreens.

Fancy and Dagger Ferns, Bronze and Green Galax.
 Phone 1202 Mad. Sq.



Main Store, 45 W. 29th St., **NEW YORK.**

Choice Carnations. Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, **Cut Flower Exchange.**
 New Telephone No. 798 & 799 Madison Sq.

Please mention the American Florist when writing.

Wholesale Flower Markets

NEW YORK, May 24.

Roses, Beauty, best.....	10.00@20.00
" " medium.....	3.00@10.00
" " culls.....	1.00@ 2.00
" Liberty, best.....	10.00@15.00
" " medium.....	3.00@10.00
" " culls.....	1.00@ 2.00
" Bride, Bridesmaid, G. Gate.....	.50@ 5.00
" Kaiserin, Carnot.....	1.50@ 8.00
Carnations.....	1.00@ 2.00
" fancy and novelties.....	1.00@ 3.00
Lily of the valley.....	1.00@ 2.00
Lilies.....	3.00@ 6.00
Smilax.....	10.00@25.00
Adiantum.....	.50@ .75
Asparagus.....	20.00@50.00
Tulips.....	.50@ 1.00

THE KERVAN COMPANY,

WHOLESALE DEALERS,

All Decorating Evergreens, Galax, Leucothoe, Mosses, Etc.

20 W. 27th Street, **NEW YORK.**

TELEPHONE 1519 MADISON SQ.

Receivers and Shippers of Cut Flowers. Consignments Solicited.

A. L. YOUNG & CO., Wholesale

Florists,
 54 West 28th Street,
 Telephone 3559 Madison Sq. **NEW YORK.**

Please mention the American Florist when writing.

FORD BROS.

Receivers and Shippers of

Fresh Flowers

48 West 28th St. **NEW YORK.**

Telephone 3870-3871 Madison Sq.

The Only House Handling the **Victory**

NEW RED CARNATION
 To be Disseminated 1906. Also a Complete Line of **Choicest Flowers.**

ALEX. J. GUTTMAN, WHOLESALE FLORIST,

62 West 29th Street, **NEW YORK.**

Telephones: 1664-1665 Madison Square.

N. Y. CUT FLOWER EXCHANGE

Coogan Bldg., 6th Ave. & W. 26th St., New York.

Open for Cut Flower Sales at 6 o'clock Every Morning.

DESIRABLE WALL SPACE TO RENT FOR ADVERTISING.

JOHN DONALDSON, Secretary.

CARNATIONS My Specialty.

CONSIGNMENTS SOLICITED.

Prompt Payments. Established 1891.

Alfred H. Langjahr, 55 W. 28th St., New York.

Telephone 3924 Madison Sq.

The American Florist Company's

DIRECTORY

Contains the names and addresses of all the Florists, Seedsmen and Nurserymen in the United States and Canada. Price \$2.00.

AMERICAN FLORIST CO.,
 324 Dearborn Street. Chicago, U. S. A.

EDW. C. HORAN,

55 WEST 28TH STREET,

Telephone 421
 Madison Square.

.....**NEW YORK.**

CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

33 Post Street, SAN FRANCISCO, CAL.
Please mention the American Florist when writing.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873. Bell, Lindell 676.
Please mention the American Florist when writing.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, DENVER, COLO.
Pres.

MILWAUKEE.

C. C. Pollworth Co.
MILWAUKEE, WIS.
Will take proper care of your orders in
WISCONSIN.



A. Gude & Bro.
FLORISTS

1214 F St., WASHINGTON, D. C.

KANSAS CITY.

WILLIAM L. ROCK
FLOWER CO.

Kansas City, Mo.

Palmer's
BUFFALO,
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DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

Artistic Designs. * * * * *
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Wholesale Flower Markets

ST. PAUL, May 23.

Roses, Beauty, long, per doz.	5.00
" " med. " .200@	3.00
" " short " .75@	1.50
" Liberty	3.00@ 8.00
" Chateaux	4.00@10.00
" Bride, Bridesmaid	3.00@ 6.10
" Gates and Ivory	3.00@ 6.00
" Perle	3.00@ 5.00
Carnations	1.50@ 3.00
Valley	3.00@ 4.00
Sweet Peas .....	.75
Callas	10.00
Harrisii	5.00@10.00
Smilax	15.00
Sprengel	2.10
Adiantum	1.00
Peonies	4.00@ 6.00
Marguerites .....	.75

MINNEAPOLIS, May 23.

Roses, Beauty, long, per doz.	4.50
" " med. " .200@	2.50
" " short " .50@	.75
" Liberty	3.00@ 8.00
" Chateaux	3.00@ 8.00
" Bride, Bridesmaid	3.00@ 8.00
" Meteor, Golden Gate	3.00@ 8.00
" Perle	3.00@ 8.00
Carnations	2.10@ 3.00
Smilax	15.00 @18.00
Asparagus sprays	2.00@ 3.00
Valley	3.00@ 4.00
Callas	1.50
Adiantum	3.00
Common ferns per 1000	12.50
Romans, Paper Whites	3.00
Harrisii	12.50@15.00
Tulips, Daffodils	3.00

CHICAGO.

P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

Please mention the American Florist when writing.

Shaffer FLORIST,

14th and Eye Streets,

PHONE, WASHINGTON, D. C.
2416 Main.
Please mention the American Florist when writing.

Blackstone
Florist
14th and H Sts. N.W.
Washington, D. C.
Please mention the American Florist when writing.

NEW YORK.

LEIKENS

7 East 33rd St., Near Waldorf-Astoria.

Telegraph orders from any part of the country for Boxes, Flowers or Designs for deliveries at residences or steamers faithfully filled.

Please mention the American Florist when writing.

GEO. H. COOKE,
FLORIST

Connecticut Avenue and L Street,
WASHINGTON, D. C.

Please mention the American Florist when writing.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.

GALVESTON.

Mrs. Chas. Eickholt,
2319 AVENUE M,
GALVESTON, TEXAS.

Cut Flowers, Floral Designs, Decorations.
Telephone 1087. All mail, telegraph or telephone orders promptly and artistically filled.

Please mention the American Florist when writing.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.
Phone 1601 and L. 1682.

Please mention the American Florist when writing.

SPRINGFIELD.

Mark Aitken
FLORIST.

378 Main St., Springfield, Mass.

Please mention the American Florist when writing.

ALEX. B. GARDEN,
441 Center Market, WASHINGTON, D. C.

Carnations, Roses, etc.
Wholesale and retail. Telegraph or phone.
Please mention the American Florist when writing.

MILLS THE FLORIST,
36 W. Forsyth Street,
JACKSONVILLE, FLA.

Please mention the American Florist when writing.

ATLANTA FLORAL CO.
41 Peachtree Street, ATLANTA, GEORGIA

A. L. RANDALL CO.,

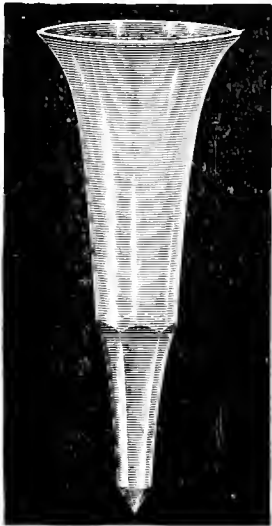
19-21 Randolph St., CHICAGO.

We will have a nice lot of Medium Beauties for decoration. These Beauties were cut back in the winter, and are like new Beauties.

DECORATION DAY PRICE LIST.

	Per 100.		Per 100.		Per 100.
American Beauties, long.....	\$40.00	Maids and Brides, medium.....	\$1.00	Smilax.....	\$20.00
" " 24-30 in.....	25.00	" " short.....	\$2.00 to 3.00	Plumosis strings.....	.50
" " 15-20 in.....	15.00	Roses, our selection, short, per		" sprays.....	3.00
" " 12-15 in.....	\$ 8.00 to 10.00	100, \$20.00.		Sprenger.....	3.00
" " short.....	4.00 to 6.00	Carnations, fancy.....	4.00	Ferns, per 1000, \$3.00.	
Liberties, long.....	8.00 to 10.00	" good.....	3.00	Sweet Peas.....	1.00
" medium.....	6.00	" common.....	2.00	Peonies.....	6.00
" short.....	3.00 to 4.00	Callas.....	8.00	Galax.....	1.00
Maids and Brides, extra select..	6.00	Valley, out door.....	1.50	Jessamine.....	2.00
" " selected.....	5.00	" in-door.....	3.00 to 4.00	Tulips.....	\$2.00 to 4.00

For Decoration Day



Clara Cemetery Vases.

PER DOZEN \$3.50 BOXED.

VAUGHAN'S SEED STORE,
CHICAGO. NEW YORK.

Please mention the American Florist when writing.

Roses, Carnations,
Lilies, Peonies,

Sweet Peas, Marguerites, Daisies,
Smilax and Ferns.

For Decoration Day

Place your orders early, to insure the choicest stock. Write, wire or phone.

WM. MURPHY,
Wholesale Florist,

128 E. 3d St., CINCINNATI, O.

Phone—Day, Main 980.
—Night, West 1191-R

Please mention the American Florist when writing



June Weddings AND Decoration Day SPECIALTIES.

SEND FOR PRICE LIST IF YOU DID NOT RECEIVE ONE.

ORCHIDS, Fancy Valley, Beauties, Tea Roses, Carnations, Callas, Easter Lilies, Peonies, Gardenias and all Miscellaneous Stock. A Large Stock of Asparagus, Adiantum, Common Ferns and all Decorative Material Always on Hand.

Also a fine line of Novelties in Florists' Supplies.

ALL CUT FLOWERS AT LOWEST CHICAGO QUOTATIONS. If you want the BEST at any Time, or all the Time, send to

CHAS. W. McKELLAR,

Long Distance Phone, Central 3598.
Automatic, 3623.

51 Wabash Ave., CHICAGO

Please mention the American Florist when writing.

SPECIAL OFFER.

Having disposed of my greenhouses I offer stock as follows for the next thirty days, viz.:

	Per 100
8,000 Large Clumps, ASPARAGUS PLUMOSUS.....	\$10.00
5,000 2½-inch SPRENGERI, very large stock.....	2.00
500 6-inch SPRENGERI.....	10.00
2,000 SALVIA Bonfire, 4-inch.....	3.00
1,000 3 year old grafted KAISERINS, in 6-inch pots, now in bud, ready to plant out and produce fine flowers for summer cutting having been dormant all winter.....	10.00

CASH MUST ACCOMPANY ALL ORDERS.

SAMUEL J. BUNTING, Elmwood Ave. & 58th St.
PHILADELPHIA, PA.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty....

WHOLESALE
GROWER of

CUT FLOWERS

PLACE YOUR NAME.....

and your specialties before the purchasing florists of the entire country by advertising in

SEND ADVT. NOW.

THE AMERICAN FLORIST.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention at Alexandria Bay, N. Y., June 20-22, 1905.

THE annual meeting of the Wholesale Seedsmen's League will be held in New York, June 8.

THE first shipment of cantaloupes arrived in Chicago May 22 from the Coachella valley, Cal.

ALBERT McCULLOUGH, of Cincinnati, O., is at Hot Springs, Va., trying to get rid of a severe attack of rheumatism.

PERSONAL.—John, please do not sail until I hear from you in New York. I am coming east as fast as I can.—G. C. E.

THE annual convention of the Canadian Seed Growers' Association will be held at Ottawa, Ont., June 27 to 29 inclusive.

FIELD CORN trade has been disappointing. Potatoes have cleaned up better than expected and surpluses are being planted by the dealers.

THE great attraction of Vaughan's Seed Store window, Chicago, just now is a lot of live ducklings swimming in a tank, the ducklings having been hatched in an incubator.

ERNEST PETERSON, for sixteen years employed by the Albert Dickinson Seed Company, Chicago, committed suicide May 23 in the warehouse of the firm by hanging himself. He was sixty years old.

CHICAGO.—L. L. Olds, of Clinton, Wis., H. W. Buckbee and John Buckbee, of Rockford, and Henry Field, of Shenandoah, Ia., attended the annual round-up of the White Class Advertising Company, in this city.

AROSTOOK, ME.—Last season we produced here 11,000,000 bushels of potatoes and 3,000,000 are left with the starch factories, which are running at full blast, says a correspondent. Fifteen cents is what the factories are paying. The farmers are planting heavier than before and expect 15,000,000 bushels this fall.

DR. M. C. COOK, the well known European mycologist, in a recent issue of the Gardeners' Chronicle, states that there is grave reason for the belief that rust propagation is possible through the germinating seed of the host plant. This is a matter of especial importance to our seedsmen and seed growers and should have the earnest attention of our seed experts.

California Seed Crops.

The California seed growers held a called meeting May 20 to consider crop prospects and conditions. The outlook for onion seed is said to be even poorer

3,700 ACRES OF GARDEN SEEDS
IN CULTIVATION.

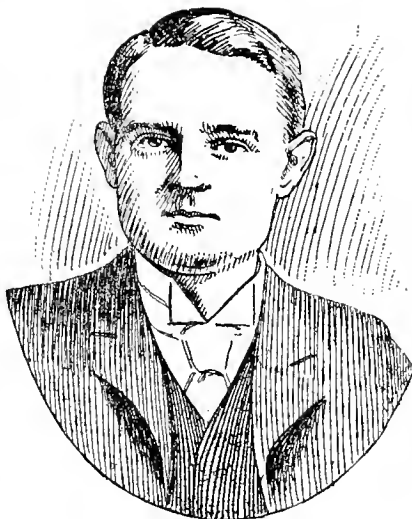
Braslan Seed Growers Co.
Wholesale Seed Growers.
SAN JOSE, CALIFORNIA.

than first reported. Our friend, James Sproul, might well use again his famous expression regarding that item: "It seems to be a season of growth depression."

American Seed Trade Association.

An attractive programme has been issued for the twenty-third annual convention of the American Seed Trade Association, which will be held at Alexandria Bay, N. Y., June 20 to 22. The Crossroom House has been secured for the exclusive use of the members, and no special engagement of rooms in advance will be necessary.

The popular resort, Thousand Islands, at which this convention will be held, bespeaks a large attendance. Provision



The Late Thomas M. Bruce.
(See obituary, page 837.)

has been made this season for executive sessions, and President Page hopes that the members will take advantage of the question box and bring up knotty problems in the business world, the discussion of which may be to the mutual benefit of all the members.

Elaborate arrangements for entertainment have been made, so that all may have a good time. The papers to be presented include the following:

"Points of Interest at the Thousand Islands," by Major J. H. Durham, Cape Vincent, N. Y.

"Early History of the Seed Business," by Charles H. Breck, Boston, Mass.

"Increasing or Restricting Membership in the American Seed Trade Association," by Albert McCullough, Cincinnati, O.

"Seed Growing in California," by Lester L. Morse, Santa Clara, Cal.

"The Science of Business Building," by R. U. Conger, Manager Sheldon's School of Scientific Salesmanship, New York.

"Methods of Advertising," by William Henry Maule, Philadelphia, Pa.

"Growing and Keeping Onion Sets," by C. F. Wood, Louisville, Ky.

"Is the Vocation of Seed Dealing a Promising Field for Young Men?" by Mel L. Webster, Independence, Ia.

"Good Seeds which do not Grow," by C. L. Allen, Floral Park, N. Y.

"New and Desirable Forage Plants," by Prof. C. V. Piper, United States

Department of Agriculture, Washington, D. C.

"Trials and Pleasures of the Seed Trade," by H. L. Holmes, Harrisburg, Pa.

"The Modern Seed Catalogue," by M. B. Templin, Calla, O.

British Seed Crops.

The persistent drought of last year not only destroyed many of our sowings, but also seriously crippled the plants that survived, says a well informed correspondent. At the same time, as these plants are running to seed in good style, the crops may be larger than we now anticipate. Early turnips have suffered considerably during the past few weeks and canker has destroyed many of our rutabagas since they started to run. It is therefore not possible now to give any idea as to the probable crops.

Cabbage.—Etampes, Express, Filderkraut, Early and Large Wakefield, Winnigstadt, Allhead, Deephead, Early Spring, Marblehead Mammoth, Late Flat Dutch, Schweinfurt, Succession, Surehead, the Lupton, Thorburn's M. G. P. S. and Warren Stonemason, nearly an average. Early Flat Dutch, Henderson's Early Summer, Stein's Early Flat Dutch, Buxton's Red and Mammoth Rock Red, about three-fourths standing. All Seasons and Fottler's Brunswick fully one-half destroyed. Savoy cabbage (American strain) an entire failure.

Beet.—Long varieties, full healthy plant. Bastian's Half-Long and Ne Plus Ultra full plant. Ferry's Half-long Blood an entire failure. Turnip rooted varieties: Dewing's Early Blood and Eclipse about seventy-five per cent standing; other varieties nearly a full plant; conditions fair.

Turnip.—Strap Leaved Red and White, White Cowhorn (Meaux), White Egg and Amber Globe Green-top about seventy-five per cent standing. White Milan very thin and weak. Other varieties nearly a full plant, but not strong.

Rutabaga.—American Purple-top, Long Island Improved, fully fifty per cent destroyed. Universal very weak. All other varieties nearly a full plant, but not very strong.

Celery, Celeriac, Endive, Kohl Rabi—except Forcing Vienna, which has failed—Leek, Onion and Winter Radishes.—Full plant.

Borecole and Brussels Sprouts.—About half a plant, strong.

Mangel Wurzel.—Nearly a full plant.

Carrot.—Full plant of all varieties.

Albany, N. Y.

Arthur Cowee, the well known gladiolus specialist of Meadowvale Farm, Berlin, is busily engaged planting bulbs. Mr. Cowee expects this year to have at least 100 acres of gladiolus under cultivation. Besides his well known collections of Groff's hybrids in their several sections, Mr. Cowee this year will grow a large number of American and European novelties under name and in mixture. The cost of the planting is being materially reduced from year to year through the introduction of improved machinery of original design.

The sale of bulbs the past season was in quantity far beyond Mr. Cowee's expectations.

R. D.

Vaughan's Seeds for Summer Sowing.



Vaughan's International Primula Mixture.

This mixture is composed of the most salable colors of Single Flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors, enough to give a large variety of colors, the most important shades predominating. It contains some of the Giant sorts, some Fern-leaved some blue; also some with dark leaves and stems. We have taken special pains to make this mixture as complete as possible and unreservedly recommend it to everyone.

Price for International Mixture: Packet of 350 seeds.....\$.50
5 packets, 1,750 seeds..... 2.00
Per 1-16 ounce..... 2.50

VAUGHAN'S SEED STORE,

84 and 88 Randolph St., CHICAGO.
14 Barclay Street, NEW YORK.

Chinese Primulas With Fringed Foliage.

(Primula Sinensis Fimbriata.)

	250 Seeds.	1000 Seeds.
Alba, pure white.....	\$.35	\$1.20
Chitwick Red, bright red.....	.50	1.75
Kermesina Splendens, crimson.....	.50	1.75
Atroranguinea, brightest deep red.....	.50	1.75
Alba Magaifica, snow-white, of excellent form and habit.....	.50	1.70
Glowing Coal, the darkest red.....	.50	1.75
Peach-Blossom, beautiful white with pink hue.....	.50	1.70
Mauve, light soft color.....	.50	1.50
Blue, a clear sky-blue.....	.50	1.70
Upright Deep Velvety Red.....	.50	1.70
Rosea, a bright pink.....	.35	1.20
Bridesmaid, brightest pink.....	.50	1.75
Mont Blanc, large, pure milk-white flowers.....	.50	
Striata, white and lilac striped.....	.35	1.20
Mixed, a splendid variety.....	1/2 oz., \$3.00	.25 1.25
Fern Leaved, white, pink, or all colors mixed.....	.40	1.25

Vaughan's Columbian Cineraria.

Like our International Pansy Mixture, this strain has given unusual satisfaction. It consists of a mixture made up by ourselves of the choicest English, French and German strains, and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. Trade pkt. (1000 seeds), 50c; 3 pkts., \$1.25. Trade Pkt.

New large flowering Cineraria, "Old Rose".....	50c
Cineraria Hybrida, fine large flowering mixed, 500 seeds.....	25c
Hybrida Grandiflora Nana, best mixed dwarf.....	25c
Hybrida Plenissima, extra choice mixed, double.....	50c
Hybrida Grandiflora, Scarlet Queen.....	25c

Gloxinia Hybrida.

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and includes such choice new sorts as Emperors William and Frederick, Princess Louise, Defiance, etc., and we know that better seed is not to be had at any price. Pkt. (1000 seeds), 50c; 3 pkts. for \$1.25.

Calceolaria Hybrida.

Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties, and we know will give entire satisfaction. Trade pkt. (1000 seeds), 50c; 3 pkts. for \$1.25.

LEONARD SEED CO. CHICAGO.

Write for Prices. WE ARE HEADQUARTERS FOR Flower Seeds and Bulbs ONION SETS.

WHOLESALE SEED GROWERS

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now. Beans, Peas and Garden Seeds. WRITE FOR PRICES.

BENCH GROWN Adiantum Cuneatum

Very strong, ready for 7 and 8-inch pots, 50c each. Also *Asperagus Plumosus*, 3 1/4-inch, very strong, 12 1/2c each. Also a few hundred *Chrysanthemum Plants*, White Bonnaffon and Col. D. Appleton, 3c.

LARGEST GROWER OF CUT FLOWERS IN THE SOUTH.

JOHN WOLF, SAVANNAH, GA.

Seasonable Stock. IN EASTER LILIES, HYDRANGEAS, GENISTAS, SPIRAEA GLADSTONE, RHODODENDRONS.

Palms, Ferns and Decorative Stock.

R. DREYER, WOODSIDE, L. I., N. Y.

THE HORTICULTURAL TRADE JOURNAL.

The largest, brightest, and best advertising medium for the Horticultural Trade in Great Britain, published weekly. Also

THE INTERNATIONAL HORTICULTURAL TRADE JOURNAL.

Published quarterly. Both mailed post free for one year for One Dollar.

—PUBLISHERS:— THE HORTICULTURAL PRINTING COMPANY, BURNLEY, ENGLAND.

CHOICE ROSE STOCK

From 2 1/2 and 3 1/4 inch pots.

Killarneys, Brides, Bridesmaids. Write for prices.

JOHN YOUNG 51 West 28th St. NEW YORK CITY. Telephone, 4463 Madison.

Virginian Grown Bulbs For Forcing. NARCISSUS and DAFFODILS.

— Send for Catalogue. — POAT BROS., Ettrick, Va.



"FOLLOW THE FLAG"

WABASH Summer Tours

Write today for a Free copy of WABASH Summer Tour Book—1905, outlining many very attractive summer vacation trips, with rates, etc.

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BOSTON FERNS

PALMS, DRACAENAS, GERANIUMS, COLEUS, and general bedding stock in large quantities. Write for prices. Cash or satisfactory references.

L. H. Foster Estate, 45 King St., DORCHESTER, MASS

Please Mention The American Florist When Writing Advertisers.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

T. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June 14-16, 1905.

VISITED CHICAGO: Jacs Smits, of Naarden, Holland.

BOSTON, MASS.—The Boston & Maine railroad has a nursery at South Lawrence consisting of two acres, from which plants and shrubs for the stations on the western division from Boston to Portland, Me., are secured each spring. The nursery is in charge of D. J. Desmond.

The Oregon grape, the state flower, is to have a special day at the Lewis and Clark exposition. The grape is a vine with a leaf somewhat like the ivy common in the east; except that the leaves are bright-colored the year around. The probable date for Oregon grape day is July 12.

American Association of Nurserymen.

The programme committee begs to announce that Assistant Secretary Willet M. Hays, of the Department of Agriculture, Washington, D. C., has consented to be at our convention at West Baden Springs, June 14-16, and will talk on plant breeding. We feel that his presence will materially increase the interest of the meeting and I trust the attention of all the nurserymen will be called to the matter, and others interested largely in fruit growing. It is expected he will speak Thursday evening, June 15, at 7:45 p. m.

HARLAN P. KELSEY, Chairman.

FINE DORMANT 2-year Field-Crown Stock.
Hardy Roses—Gen. Jacqueminot, La France, Magna Charta, American Beauty, Crimson Rambler, etc., first size, 12; second size, 8c. Hardy Phlox, finest named, strong 85. Peonies, strong, finest sorts, 12c. Hydrangea P. G., 10c; splendid tree shaped specimens, 30c. Dahlias, fine, named sorts, 8c. Golden Glow, strong roots, 4c. Hardy Shrubs, Trees, etc., many varieties, prices on application. (See my Adv. of Pot Plants.) Packing free for cash.
W. H. SALTER, Rochester, N. Y.

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2½-inch pots, \$4.00 per 100. Per 100

Begonia Vernon, 2½-in. pots..... \$1.00
Colums, 2½-in. pots, Golden Bedder, Victoria Verachaffeltii..... 2 50
Alternanthera, red and yellow, 2½-in. pots..... 2 00
Scarlet Sage, 3-in. pots..... 3 00
Achyranthus, 3 in..... 3 00
Calceolaria Rugosa, well flowered 6-in. pots, \$3.00 per dozen.
Cash with order, please.

CHAS. A. KNAPP, Chestnut Hill, Pa.

Silver Ribbon Grass

The new hardy perennial. The finest ornamental grass to be had—perfectly hardy can be used indoors and out, grows rapidly and does not turn green or run to seed. Strong field-grown roots, 15c each by mail, postpaid. \$1.25 per dozen; \$8.00 per 100 by express, charges not prepaid. Can fill orders at any time. Terms cash with orders.

James Vick's Sons,
ROCHESTER, N. Y.

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STRICTLY FIRST-CLASS STOCK. OWN ROOTS.

De Brabant,	White Rambler,	Marechal Niel,	Malmaison,
Ivory,	Clothilde Soupert,	White Maman,	Pink Rambler,
Meteor,	Etoile de Lyon,	Duchess of Albany,	Yellow Rambler,
The Bride,	Maman Cochet,	Helen Gould,	Hermosa,
Philadelphia Rambler,	From 2½-inch pots, \$2.25 per 100; \$18.00 per 1000.		
Crimson Rambler,	Perle des Jardins,	Gen. Jacqueminot,	Kaiserin Aug. Victoria,
La France,	Vick's Caprice,	P. C. de Rohan,	Sunrise.
Mme. Chas. Wood,	Capt. Christy,	Mme. Plantier,	
	From 2½-inch pots, \$8.00 per 100; \$25.00 per 1000.		

VINCA VAR., 2-inch pots, from cold frame.....\$2.00 per 100
SALVIA..... 2.00 per 100

Packed light and free of charge.

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700,000 Cal. Privet

	Per 100	1000
3 yrs., 2½ to 3 ft., extra heavy.....	\$3 25	\$28 00
3 yrs., 2 to 2½ ft., well branched.....	2 50	23 00
3 yrs., 18 to 24 in. ".....	2 00	15 00
3 yrs., 12 to 18 in., 4 to 8 branches.....	1 50	10 00
3 yrs., 3½ to 4 ft., very heavy.....	3 00	25 00
3 yrs., 2½ to 3 ft., well branched.....	2 25	18 00
3 yrs., 2 to 2½ ft., ".....	2 00	15 00
2 yrs., 2 to 2½ ft., 3 to 6 branches.....	1 50	10 00
2 yrs., 18 to 24 in., 5 to 8 ".....	1 50	10 00
1 yr., 14 to 20 in., 2 to 4 ".....	1 25	7 00
1 yr., 10 to 14 in., 1 to 2 ".....	1 00	5 00
Cuttings, strong.....		.75
Tree form, 3 yrs., heads 4 to 5 feet.....	25c	each

All the above plants have been transplanted and cut back except one year, which makes them a clean, good stock. Parties wanting 5,000 or over, will write and get better rates.

River View Nurseries

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Specialties—White Pine, Hemlock and Large Evergreens. Spring List for details.

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Wm. Warner Harper, Prop. CHESTNUT HILL, PA.

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Your } and Small Fruits.
Descriptive Illustrated Catalogue Free.
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A FEW GOOD THINGS YOU NEED.

Roses for forcing and outdoor planting. Rhododendrons for forcing and outdoor planting. Clematis in leading varieties. Hydrangea P. G. in all sizes. Boxwood in different sizes. Azalea Mollis very cheap. Lilac for forcing and field-grown stock. Deutzia Greacilis, strong plants at a bargain, and other good things for Nurserymen and Florists; very reasonable prices. Wholesale catalogue mailed free upon application.
W. VAN KLEFF & SONS, Boekoop, Holland,
Wholesale Growers of Nursery Stock.

BABY RAMBLER.

Everblooming Dwarf Crimson Rambler.

A gem among Roses. An everblooming, dwarf reproduction of Crimson Rambler. Always in bloom. Every florist in the land should have it. 2½-inch pot plants now ready for delivery, \$2.50 per doz.; \$17 50 per 100; \$150 00 per 1000.

The Dingee & Conard Co., WEST GROVE PA.

Baby Rambler

The Always in Bloom Rose. 2½-in., \$2.50 per doz.; \$15.00 per 100, \$125.00 per 1000; 3-in., \$3.50 per doz.; \$35.00 per 100; 4-in., \$5 00 per doz.

CHOICE VARIETIES OF Everblooming Roses

\$3.00 per 100 in quantity; some new varieties higher. Extra good 2½-in. plants.

Genista Fragrans.

2½-in., at 75c per doz., \$5.00 per 100.

THE CONARD & JONES CO., WEST GROVE, PA.

HARDY ROSES, from 4 and 5-inch pots, many in bud. Magna Charta, Gen. Jacqueminot, Crimson Rambler, Dorothy Perkins, Clothilde Soupert, etc. Large flowered Clematis, 2-year dormant or from 5-inch pots at 18c; 1-year dormant or from 3-inch pots 9c; finest purple, white, lavender and red sorts. Clematis P. Panicalata, 2-year dormant, strong, 10c; extra 3-year, 15c. Ampelopsis Veitchi, dormant 2-year, 10c. (See my Adv. of Dormant Roses, etc.) Packing free for cash.
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Wholesale and retail catalogues ready for distribution. Sent free on application. All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.
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SPECIALISTS:
PEONIES, CARNATIONS AND SPECIMEN NURSERY STOCK

AMERICAN FLORIST ADS	Always do business Week days and every day Sundays and holidays All over the country At home and abroad
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WE CAN SUPPLY OUR OLD CUSTOMERS WITH Grandiflora Cape Jessamine Buds

FOR

DECORATION DAY

And Solicit Inquiries From Those Who Have Never Had Our Stock Direct From Us.

Season Opens May 15 and Extends to June 15.

STANDARD PACK, 75c PER 100; \$6.50 PER 1000; 500 AT THOUSAND RATE.

C. W. BENSON, Alvin, Texas.

Spring Stock Flowering and Bedding Plants

CHEAP

	Per 100
Ceranium , in bloom, all varieties, 4-inch.....	\$ 7.00
Heliotrope , 4-inch.....	7.00
Salvia Splendens , 4-inch.....	7.00
..... 3-inch.....	3.00
Periwinkle , 4-inch.....	10.00
Ageratum , 4-inch.....	7.00
Petunia , double white, 4-inch.....	8.00
..... 3-inch.....	4.00
Coleus , in 15 fancy colors, 2½-inch.....	3.00
Alternanthera , green and red, 2-inch.....	3.00
Achyranthes , 2-inch.....	3.00
Begonia , all varieties, 3-inch.....	5.00
..... 2-inch.....	3.00
Phlox Drummond , 3-inch.....	3.00
Petunia , Single Grandiflora, 3-inch.....	3.00
Verbena , 3-inch.....	3.00
Nasturtium , 3-inch.....	3.00
Mrs. Sallerol , 3-inch.....	3.00
Forget-me-not	3.00
Daisies or Bachelor Buttons	8.00
English Ivy , 4-inch.....	5.00
..... 3-inch.....	3.00
All kinds of running vines.....	8.00
Moon Vines , 4-inch.....	\$1.00
Araucaria Excelsa , 4 tiers, each.....	.75
..... 3 tiers, each.....	.75

The following is our list of plants in 2½-in. pots, and in a strong and healthy growth:

	Per 100		Per 100
Marguerite Carnations	\$ 1.50	Daisies , large, double pink, Longfellow.....	2.00
Coleus , 12 choice varieties.....	3.00	Heliotropes , light and dark varieties.....	2.00
..... rooted cuttings.....	1.00	Rose Geraniums , in assorted varieties.....	4.00
Rex Begonia , 12 varieties.....	7.00	Flowering Begonias , 12 choice varieties.....	6.00
Salvia , red, pink and blue.....	2.00	..... rooted cuttings.....	3.00
..... rooted cuttings.....	1.00	Australian Pea Vines	3.00
Cobaea scandens , blue and white.....	3.00	Nasturtium Plants , double yellow flowering.....	8.00
Moonflowers , blue and white, separate colors.....	5.00	Daisies , large, pure white, Snowball.....	2.00
Centaureas , Imperialis, white, pink and purple.....	3.00	Boston Ferns	4.00
Pansies , choice giant-flowering varieties.....	1.00	Cactus Dahlias , in separate colors.....	5.00
Marguerites , separate colors, white, yellow and blue.....	8.00	Japanese Hop Vines	5.00
Petunias , single, Giants of California.....	2.00	Snail Vines or Caracalla phaseolus, white and lilac, corkscrew-shaped flowers.....	10.00
Ivy Geraniums , separate colors, white, pink and crimson.....	7.00	Lobelias , dwarf blue.....	1.50
Verbenas , in separate and assorted colors.....	1.00	Begonias , Vernon, tall, pink shades.....	2.00
Cosmos , Giant, flowering, in mixed or assorted colors.....	1.00	..... dwarf, pink shades.....	3.00
		Swainsona , pink and white, in separate colors.....	7.00
		Ageratums , dwarf white and dwarf blue, in separate colors, and tall blue.....	1.25

NO CHARGES FOR PACKING OR BOXES.

CHAS. C. NAVLET CO., Inc., Florists and Seed Growers,
SAN JOSE, CALIFORNIA.

Mrs. John H. Claus,
1119 Roy Street, Rising Sun,
PHILADELPHIA - Pa.

—THE—
Tottenham Nurseries, LTD.

Established 1872.
A. M. C. VAN DER ELST, Managing Director.
Dedemsvaart, (Holland.)
Headquarters for Hardy Perennials (among which are the latest and choicest) 13 acres devoted for growing this line as Anemone, Aster, Campanula, Delphinium, Funkia, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata, and suffruticosa, Primula, Pyrethrum, Tritama, Hardy Heath, Hardy Ferns. Also 6 acres Daffodils, 12 acres Conifers, (specially young choice varieties to be grown on), 3 acres Rhododendrons (also the best American and Alpine varieties), 2 acres Hydrangeas. We make it a point to grow all latest novelties in these lines. Ask for catalogue.

TREES

Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collections in this country.

Gold Medal—Paris—Pan-American—St. Louis. 102 prizes New York State Fair, 1904.

Illustrated Descriptive Catalogue FREE on Request.

ELLWANGER & BARRY

Mt. Hope Nurseries, Rochester, N. Y.
Drawer 1044 V Established 65 Years.

Everblooming Roses

Surplus stock of Standard varieties of Everblooming Bedding Roses, at prices that will close them out. Strong healthy stock from 2½-in. pots, to include

Bridesmaid, Bride, White Maman Cochet, Mary Washington, Queen's Scarlet, Etc.

Strictly our choice of varieties in good assortment, \$2.00 per 100, \$17.00 per 1000.

The STORRS & HARRISON CO.

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DAHLIA KAISERIN AUGUSTA VICTORIA:

The Best White Dahlia in Existence. My own importation. I control the entire stock of it. Flowers double, of the purest white, 4 to 5 inches in diameter. A wonderful bloomer. Stems 12 to 18 inches long. Plants 3 to 3½ feet high. The finest plants from cuttings. Good strong stock from 2½-inch pots, \$3.00 per doz.; \$20.00 per 100. Delivery May 1st. Orders filled in rotation. Early hooking suggested. Highly commended by the American Institute and the New York Florists' Club. Address

A. L. MILLER, Jamaica Ave., Brooklyn, N. Y.

Please mention the American Florist when writing.

New Dahlias of Proved Merit.

Embracing a complete set of 12 New Century Dahlias; 25 New Cactus Dahlias; New Collarletta Dahlias; New Ciani-Flowered Dahlias; New Fancy Dahlias; New Decorative Dahlias; New Show Dahlias; New Single Dahlias. In all, 38 of the most wonderful Single Dahlias ever produced, and 44 of the grandest Double Dahlias.

All exquisite in form, shape and coloring; free bloomers and Money Makers. Faithfully and truthfully described in our new illustrated descriptive catalogue, mailed free upon request.

L. K. PEACOCK, Inc., Atco, N. J.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

At Washington.

The bowling team has commenced practice for the coming tournament. Following are the scores made May 17:

Player.	1st.	2d.	3d.	4th.
Cooke	201	149	157	173
McLennan	168	156	130	...
McRichmond	171	156	178	...
Ernest	159	159	136	191
Slimmons	190	152	138	135
Kramer	84	157	155	...
Esch	114	143	122	...

S. E.

At Chicago.

The third game of the convention tournament series was rolled at Bensingers' alleys on the evening of May 23. The following are the scores:

Player.	1st.	2d.	3d.	4th.
George Asmus	126	178	176	154
A. Stevens	198	165	179	181
E. F. Winterson	124	131	122	128
V. Kreitling	173	163	168	146
Bergman	173	170	146	154
H. Klunder	122	149	125	161
Pasternik	125	128	135	193
P. J. Hauswirth	163	185	175	161
C. Balluff	150	157	143	137
J. P. Degnou	171	158	133	159
George Scott	147	127	164	134

In the ladies' series the following scores were made:

Player.	1st.	2d.	3d.
Mrs. A. Asmus	106	74	121
Mrs. E. F. Winterson	115	75	78
Mrs. George Scott	102	75	77
Mrs. V. Kreitling	114	101	119
Mrs. P. J. Hauswirth	100	105	99
Mrs. Fred Stollery	...	66	70
Miss Moore	...	54	47

Gunners at Philadelphia.

The new Brenizer target trap has been installed at the florists' grounds at Wissinoming. The following are the scores made May 9 at a club shoot of fifty targets:

	B.	B.	Total.
Sanford	22	25	47
McCarty	21	22	43
Stevens	21	21	42
Shew	19	21	40
Haywood	20	19	39
E. Coleman	19	20	39
Beavan	19	18	37
George	18	19	37
Tansey	16	20	36
Johnson	12	22	34
Carleton	17	17	34
Brodle	14	19	33
Peterman	16	16	32
Ford	15	17	32
Mack	19	13	32
Thomas	16	14	30
Moore	11	17	28
Calner	8	15	23
St. Clair	19	*	19
Stone	10	*	10

*Did not shoot.

WATERLOO, IA.—H. D. Williams, of the florist firm of Williams & Crittenden, has disposed of his interest in the business to Harry Daniels.

Boston.

IMPROVED MARKET CONDITIONS.

Up to the middle of the past week the market was just as druggy if not more so than the previous ten days, warm weather the cause. White carnations sold at 20 cents per 100, and the top price for colored varieties was about \$1, with a few choice ones at \$2. Roses were also druggy and they have become very small and of poor quality. This is in particular true of Bride and Bridesmaid. Carnot and Kaiserin have been coming in of fairly good quality and have been more easily disposed of. American Beauty has been very hard to dispose of and dealers have had many left on their hands. The lack of demand has been partially due to the small number of weddings this month. Sweet peas and lily of the valley have been moving fairly well at low prices. The past three days have, however, completely changed the aspect of the market. It has rained constantly in this vicinity from Sunday until Thursday night, and as a result, the weather being at the same time very cold, flowers of all sorts have been retarded, and in addition many flowers are now being held back for the Memorial day trade. Prices have accordingly shown a decided upward trend on Friday and Saturday, and have moved much more easily than they have at any time during the past three weeks. Carnations, which have been selling at 75 cents per 100 jumped to \$2 and \$2.50 per 100, with Lawsons up to \$3. Roses have not shown this advance, due principally to the continued poor quality. Violets are now out of the market, and there are practically no tulips or daffodils on sale. Pansies are selling well at from 30 to 40 cents per 100. Marguerites are now coming into the market in quantity and are selling at from \$1 to \$1.50 per 100. Easter lilies on this last advance in prices have jumped about 50 cents a dozen above the former price.

IN AND AROUND TOWN.

The funeral of O. Brogi, the well known Italian restaurateur of Boston, was the occasion for one of the largest displays of floral effects ever seen at a Boston funeral. The first seven carriages of the procession were completely filled with various floral emblems, and there were as many more which were not taken to the grave. Galvin, alone, had thirty-five different designs. The most prominent designs were a "Scale of Life" made of red and white roses with doves, and a large star six feet high, each point being made of different roses, with the base of gladioli and lilies.

E. Sutermeister, one of the best known members and a director of the Boston Co-operative Flower Growers' Association, was seriously injured in a runaway accident the past week. His horse was scared by an automobile and jumped, throwing Mr. Sutermeister from the wagon. Several of his ribs were broken and he was injured internally, but the doctor reports that he will be able to get around again in about a month. Mr. Sutermeister seems to be

particularly unfortunate in regard to accidents, as it was but a short time ago, that he had both legs broken.

The second annual picnic and field day of the flower markets of Boston will be held on June 3, at Robert Montgomery's place at Natick. The feature of the occasion will be the ball game between the Boston Flower Market at Park street and the New Market at Music hall. The great rivalry between these two organizations will find full vent on this occasion. In addition to the ball game there will be various other field events.

Warren Fenno, of Revere, one of the oldest members of the Massachusetts Horticultural Society and for twenty-five years a member of the committee on fruits, died May 1. He was one of the best posted men in this locality on fruits, and was chairman of the above committee during the past year.

Henry M. Robinson & Company have been receiving a fine crop of new ferns. They also have received a new decorative material, the Alabama huckleberry branch, much better than southern smilax for decorative purposes during the months of May and June.

Luther B. Woodward, of the firm of Sheldon & Woodward, attorneys for the Boston Co-operative Flower Growers' Association, is receiving the congratulations of his friends among the florists on the birth of a son.

Jim Coleman, who has been sick for the past month, is at work again and receiving the congratulations of his many friends upon his recovery. He has been with Galvin for the past thirty-six years.

N. F. McCarthy & Company had a very large attendance at their auction sale of bedding plants, May 12, and the bidding was very spirited, a large number being disposed of.

M. B. Bunker of City Hall avenue, Boston, reports a large number of orders for funerals during the past week.

Edward Grady, employed by Albert M. Davenport, of Watertown, was seriously injured last week in a runaway accident.

W. N. Craig met with a painful accident while driving at his home in North Easton.

The George A. Sutherland Company has got in a large supply of fancy cypress wreaths for the Memorial day trade. H. P. S.

BOSTON, MASS.—Governor Douglas recently received, presumably from an office holder, a floral offering consisting of a pillow with the words "At Rest" in red immortelles upon it. It is not reported what the design contained.

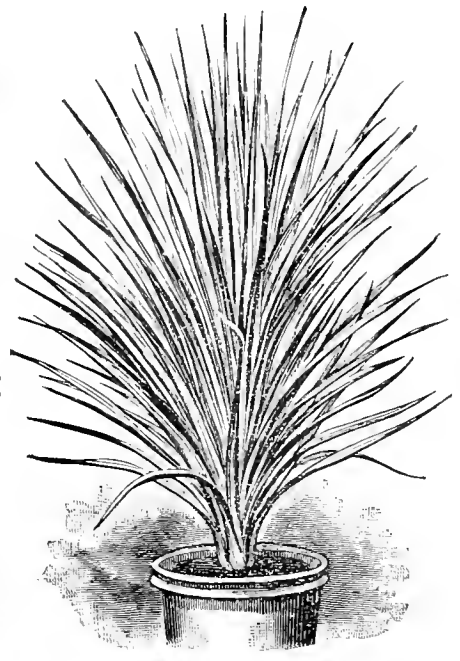
OSKALOOSA, IA.—The G. A. R. encampment held here did much to increase the demand for flowers the past week, and nearly everything in cut flowers was cleaned up. Plant trade is also showing an increase. There are more flowers being planted this year than last despite the coolness of the weather.

LOOKING FOR A BUYER JUST ABOUT NOW.
 For \$5.00 I will send you 100 assorted **CHRYSANTHEMUMS** of the very finest kinds, including Cheltoni, Guy Hamilton, W Duckham, Donald McLeod, and many others.
Why not write me? I can save you money on CHRYSANTHEMUMS.
CHARLES H. TOTTY, Madison, N. J.

We Want to Move

THE FOLLOWING STOCK WHICH IS IN FINE CONDITION.

Variety.	Size	Height	Leaves	Each	Dozen	100
Kentia Belmoreana	3 3/4	12-14	5-6		\$ 2.00	\$15.00
"	4	15-17	5-6		3.00	25.00
"	7	34-36	6	2.50	30.00	
"	10	46-50	7-8	7.00		
Kentia Forsteriana	6	26-30	5	1.25	15.00	
"	7	32-36		2.00	24.00	
"	8	34-38	5-6	2.50	30.00	
"	10	48-56	6-7	7.00		
Latania Borbonica	3				1.00	7.00
"	3 1/2	11-13	4-5		1.50	12.00
"	8	30-34	7-8	1.25	15.00	
Phoenix Canariensis	8	38-42	10-12	3.00		
Ficus Elastica	4	10-12		.25	3.00	
"	5	16-20		.35	4.50	
Araucaria Excelsa	4		2-3	.50	6.00	
"	5		trs.	.75	9.00	
"	6		trs.	1.25	15.00	
"	6		trs.	3	2.00	
" Compacta	6					
Cocos Weddelliana	3				2.50	
Pandanus Uittii	5				2.00	
"	5				5.00	
"	6				9.00	



DRACAENA INDIVISA.

Variety	Size	Each	Dozen	100
DRACAENA INDIVISA	4	\$1.50	\$10.00	
"	5	3.00		
"	6	5.00		
Cobaea Scandens	4	1.00	8.00	
English Ivy, fine long vines	4	1.50	12.00	

Variety	Size	Each	Dozen	100
Poa Triv. Var., for ferneries	3		\$ 6.00	
Crotons	4	\$1.50		
"	1	3.00		
Cibotium Scheidii	6	1.50	18.00	
"	7	2.00	24.00	
Adiantum Cuneatum	4	1.50	12.00	
"	5	2.00	15.00	
Dracaena Fragrans	4	3.00		
"	5	5.00		
"	7	9.00		
Maranta Massangeana	2		5.00	

Variety	Size	Each	Dozen	100
Dracaena Massangeana	5	\$1.00	\$12.00	
Asparagus Plumosus	2		\$ 3.00	
"	3	1.00	8.00	
"	4	1.50	12.00	
" Sprengeri	3	.75	6.00	
"	4	1.50	10.00	
"	5	2.00	15.00	
"	6	3.00	20.00	
Dracaena Ter., height, 22-24	6	.75	9.00	
Fittonia Verschaffeltii	2		\$5.00	

We have a fine lot of Dracaena Indivisa as quoted in List.

The GEORGE WITTBOLD COMPANY, 1657-1659 Buckingham Place, CHICAGO.

Carnations and Cannas

SPEAK QUICK.

2,000 fine strong **Carnation Plants** from flats hardened off outside ready to plant Queen Louise, \$20.00 per 1000; Jcost, \$15.00 per 1000; Prosperity, \$2.00 per 100; 100 and over at 1000 rates.
 1000 fine **Potted Cannas** well established, of best bedding sorts, \$1.00 per doz. or \$6.00 per 100. Shecanoah and David Harum, best bronze; Crim-son Bedder, Mme Crozy, P. Vaughan, Pennsylvania, Chas. Henderson, Duke Marlborough, Souv. de Antoine Crozy, Rosemaur, pink, Alsace and Gloriosa, 2 1/4 feet, gilt edge from outside row. Dormant Cannas not named, all colors, \$1.50 per 100.
Heliotrope, 2 1/2 c. **Verbenas**, pots, 2c; flats, 1c. **Shasta Daisies**, 3c. **Scarlet Sage**, 2 1/2 c.
Pieroni Ferns, 3-inch 10c; Scottii, 6-inch \$1.00; 2 1/4-inch 20c; Boston, 2 1/2-inch 4c. **Clematis Paniculata**, 3 year, 10c; English Ivy, field grown, long tops, 8c.
 1000 **Ampelopsis Vellohi**, 2 year, 8c; 1 year, pot grown, long tops, 4c; Vinca Major Var., 4-inch, 8c; 2 1/4-inch 3c.
Chrysanthemums, Duckham and Enguehard, 5c.

Send for Lists. Cash or C. O. D.
BENJAMIN CONNELL,
 WEST GROVE, PA.

Asparagus Plumosus.

Nice stock from 2-in. pots, \$2.25 per 100; \$20.00 per 1000; not less than 500 at 1000 rates.

W. W. COLES, Kokomo, Ind.

FOR SALE.

4,000 Asparagus Plumosus

One year, bench grown, \$5.00 per 100.

W. L. HUCKE, Belleville, Ill.

READY NOW

Gen. MacArthur.

THE most prolific flowering Red Rose in the market to-day. Grows finely in same temperature as Brides or Maids, and will produce fully as many first-class flowers as either.

2 1/2-inch Pot Plants, own roots.....\$10.00 per 100, \$80.00 per 1000
 Strong Grafted Stock from 3-inch pots.....\$12.00 per 100

The STORRS & HARRISON CO.

PAINESVILLE, OHIO.

Geraniums

COLEUS....

	Per 100
My selection, 3-in. pots.....	\$5.00
Alternantheras, red and yellow.....	2.00
Asp. Plumosus Nanus, 2 1/4-in. pots.....	2.00
" " Seedlings.....	1.50
Asp. Sprengeri, ready July 1.....	1.25
Smilax, ready in June.....	1.25

	Per 100
12 varieties, 2 1/4-inch pots.....	\$2.00
Petunias, seedling 2 1/4-in. pots.....	3.00
Centaurea Cymocarpa.....	2.00
Primroses, Chinese, Obconica and Forbesi July 1.....	2.00
Pansy Seed, ready in July \$4.00 per oz.	

JOS. H. CUNNINGHAM, Delaware, Ohio.

FORCING LILACS.

Best German Pot-Crown in white and blue sorts; also the field-grown Paris de Merly, imported to order, for fall delivery. Let us appraise your wants.

AUGUST ROLKER & SONS, 31 Barclay St., NEW YORK, P. O. Box 752

JOSEPH HEAGOCK,

WYNCOTE, PA.

—CROWER OF—

Kentia Belmoreana
 and **Kentia Forsteriana**

Asparagus Seedlings

From flats. Well grown and thrifty.
 Plumosus Nanus.....\$10.00 per 1000
 Sprengeri..... 8.00 per 1000
 Large 3-inch Plumosus Nanus..... 25.00 per 1000
 Cash with order, prepaid. Get our prices on large lots.

YALAHA, Fla.
Yalaha Conservatories, Lake Co., Fla.

Cincinnati. MARKET QUIET.

Business at the present writing is a little quiet and flowers are accumulating accordingly. Roses are beginning to show the effects of the warm weather and the same may be said of carnations, although they do not show it as much as roses.

NOTES.

J. T. Herdigen, of Aurora, Ind., was in town the other day and is a little alarmed about the rising of the Ohio river, stating that if the water went to the fifty-foot stage it would cover his carnation patch.

We are having our quota of rainy weather the present month which retards the bedding out of plants and those handling this line of stock are complaining about orders accumulating.

The meeting of the Florists' Society was postponed from May 13 until June 10. At the June meeting nominations for officers for the ensuing year will take place and we hope to have a full attendance.

On May 11 a severe wind storm with hail and rain struck this locality, doing a great deal of damage. We are glad to state that the greenhouses were not damaged to any extent.

Charley Jones has given up his Avondale store and now devotes his time and attention to the Walnut Hills Floral Bazaar.

WEST BROOKFIELD, MASS.—Dennis J. Murphy, of Chicago, and Miss Mary Dalton, of this place, were married May 17. Mr. Murphy is now on his way to Chicago on business.

SEATTLE, WASH.—Alfred Peterson and wife and Mrs. Ed. Marriott, of the Woodlawn Park Floral Company, will sail from Montreal, Que., about May 26 for Europe on a two months' tour.

Cyclamen Giganteum.

Our well known strain in separate colors. Fine, strong, healthy plants; 2 1/2-inch, \$5.00 per 100, 3-inch, \$8.00 per 100 Satisfaction guaranteed.

LEHNIG & WINNEFELD HACKENSACK, N. J.

Japanese Fern Balls



7-9 inch size.

Write for price.

VAUGHAN'S SEED STORE, 84-86 Randolph St., CHICAGO. 14 Barclay St., NEW YORK.

A FEW GOOD THINGS YOU WANT.

- DRACAENA INDIVISA, 3, 4, 5-inch, \$5.00, \$10.00 and \$25.00 per 100.
ASPARAGUS PLUMOSUS, 3-inch. \$5 00 per 100.
ASPARAGUS SPRENGERI, 2 and 3-in., \$3.00 and \$5.00 per 100.

CASH WITH ORDER.

GEO. M. EMMANS, NEWTON, N. J.

Red Alternantheras.



Sept. struck, very strong, 603 per 100; \$5.00 per 1000.

Geraniums, best named, R. C., \$1.50 per 100; \$12.50 per 1000.

Coleus, R. C., the best, 60c per 100; \$5.00 per 1000; 2 1/2-in., \$2.00 per 100; \$15.00 per 1000.

Salvias, R. C., strong, \$1.00 per 100; \$8.00 per 1000.

Giant D. Alyssum, 75c per 100; \$6.00 per 1000.

Express prepaid on rooted cuttings.

C. HUMFELD, Clay Center, Kan.

Carnations FROM SOIL.

We have a quantity of the following Novelties and Best Standard Varieties in Strong, Healthy Growth and Hardened in Cold Frames.

- Prosperity.....\$2.50
Harlowarden.....3.00
Indianapolis.....5.00
White Lawson.....7.00
Richmond Gem.....10.00
Chicago White.....12.00

NATHAN SMITH & SON, Adrian, Mich.

CARNATIONS Fine, strong, healthy, well rooted cuttings. Per 100

- Prosperity, Joost, Lawson.....\$2.00
All guaranteed strong, healthy stock. Per 100
Salvia, new dwarf variety.....\$.75
Coteus......75
Verbenas......75
Plumousus und Sprengeri, 3-in., only.....4.00

Above prices cash with order.

JOHN BROD, Niles Center, Ill.

GRAND RAPIDS VIOLET STOCK.

- Imperial, M. Louise and Princess of Wales, 2 1/2-inch pots, \$3.00 per 100; \$25.00 per 1000.
Alyssum, dbl., 2-inch.....\$ 3.00
Lobelia, trailing, 2-inch.....3.00
Centaura, 2 inch.....3.00
Mme. Sallerol, 2 inch.....3.00
Salvia, 4-inch.....6.00
Marguerites, 4 inch.....6.00
Dracaena Indivisa 3-inch.....10.00

CRABB & HUNTER, Grand Rapids, Mich.

100,000 Alternantheras.

STRONG ROOTED CUTTINGS. A. Nana, yellow, 50c per 100; \$4.00 per 1000. P. Major, red, 50c per 100; \$4.00 per 1000 Red and yellow from 2-inch pots, \$1.50 per 100. Special prices on 5,000 or more.

DAVIS BROS., Morrison, Ill.

It is good business policy

.....to mention the

American Florist

When you write to an advertiser.

BEDDING PLANTS.

- Ageratum, dwarf, blue and white.....\$2.00
Alternanthera, red, yellow, 100 R. C., 50c.... 1.50
Alyssum, Sweet, Giant dbl.....2.00
Asparagus Plumosus and Sprengeri, 3-in., \$5.00; 4-in., \$8.00.....2.50
Begonia Veeron.....2.50
Cabbage, all vars., 1,000 \$1.00; 10,000 \$8.50.
Carnations, R. C., 2 and 3-in. Price list free.
Celery, White Plume, trpl., 1,000, \$2.00
Cobaea Scandens, trpl., from flats, \$1.00.. 2.00
Coleus, in varieties.....2.00
Dahlias, in varieties, doz., 50c.....4.00
Daisies, in bloom, strong, 100 \$1.00.
Dracaena lad., 2, 3, 4, 5, 6-in., 100, \$2.50, \$5.00, \$10.00, \$25.00 and \$50.00.
Dusty Miller, trpl., from flats, \$1.00.....2.00
Ferns, Boston, fine, 5-in., 100, \$20.00.
Feverfew, Little Gem, 3-in., 100, \$5.00.....2.00
Forget-me-not, in var., trpl., 100, \$1.00.....2.00
Fuchsia, in var., 3-in., \$5.00.....2.50
Geraniums, in varieties, 3-in., \$5.00.....2.50
Geraniums, Mme. Sallerol, very strong.....2.50
Geraniums, fancy, tricolor and new varieties, dozen, \$1.00.
Geraniums, Ivy-leaved, 3-in., \$6.00.....3.00
Heliotrope, in varieties, 3-in., \$5.00.....2.50
Ivy, Kenilworth.....2.50
Lobelia, dwarf and trail., sep., trpl., \$1.00.. 2.00
Lantana, in var., 3-inch, \$5.00.....2.50
Lemon Verbena, 3-in., 100, \$5.00.....2.50
Marguerites, white and yellow.....2.00
Pansies, 300,000 splendid mixed, in bloom. Per 1000, \$12.50, \$10.00, \$6.50, according to size. Sample free. White, blue, black, purple, yellow, separate colors, trpl., 100, \$1.00.
Petunia, double fringed.....2.50
Petunia, single.....2.00
Phlox, Drummondii, mixed.....2.00
Salvia, in varieties.....2.00
Smitax, trpl., from flats, strong, \$1.00.....1.50
Swainsona Alba, 3-in., \$4.00 to \$5.00
Sweet Potato, Jersey, 10,000 \$12.50; 100, 25c.
Tradescantia.....2.00
Umbrella Plants, 3-in., \$4.00.
Verbeaa, mix. and sen. col., trpl., \$1.00.....2.00
15,000 Vinca var., strong, 3-in., \$6; 2 1/2-in., \$3 2.00

Millions of Vegetable Plants. Hardy Perennial Plants. Price list free. Cash with order.

LUDVIG MOSBAEK, Onarga, Ill.

Wholesale Trade List.

- Asparagus Plumosus, from flats, \$1.50 per 100.
Asparagus Sprangeri, from flats, \$1.00 per 100.
Alternantheras, red and yellow, 2 1/2-inch pots, 50c per doz.; \$3.00 per 100.
Aster, Queen of the Market, separate colors, \$1.00 per 100.
Bouvardias, scarlet, white and pink, from 2 1/2-inch pots, 50c per doz., \$3.00 per 100.
Bouvardia Humboldtii, for summer flowering, from 2-in. pots 50c per doz., \$3.00 per 100.
Clematis, large flowering variety, 2 years old, 5-inch pots, \$3.00 per doz.
Dracaena Indivisa, 3-in., 75c per doz.; \$5.00 per 100.
Honestyuckle (Halliana), 5-inch pots, \$1.50 per doz.; \$10.00 per 100
Ivy, hardy, large leaves, 4-in. pots, \$1.50 per doz.; \$10.00 per 100.
Myosotis, clumps from open ground, 60c. per doz.; \$4.00 per 100.
Pansies, separate colors, yellow, white and blue, \$3.00 per 100.
Salvia Splendens and Bonfire, 2 1/2-inch pots, 50c per doz.; \$3.00 per 100.
Sansevieria Zeylanica, 3-inch pots, 75c per doz.; \$5.00 per 100.

Stock from 2 1/2-in. pots, \$3.00 per 100:

- Asparagus Plumosus, Comorensis, Sprengeri and Decumbens, Alyssum, Little Gem, Coleus, Verschaffeltii, Golden Bedder, Cobaea scandens, Clematis paniculata, Dracaena indivisa, Feverfew Little Gem; Geranium Mme. Sallerol (strong); Lobelia, dwarf blue; Nasturtium, dwarf; Phlox Drummondii, dwarf; Verbenas, mammoth varieties, Impatiens Sultanii.

C. EISELE, 11th and Jefferson Sts., PHILADELPHIA, PA.

ASPARAGUS Sprengeri 4-in., \$8.00; 3-in., \$5.00 per 100.

- Alyssum, (Sweet), double and the dwarf, from 2 1/2-inch, \$3.00; 3-inch, \$4.00 per 100.
Ageratums, Stella Gurney Princess Pauline and Snowball, from 2-in., \$2.00 per 100.
Geraniums, S. A. Nutt, dark red; Bruant, scarlet; Mme. Carnot, La Favorite, white; E. G. Hill, Beante Pottievine, salmon; Jean Viand, pink, 4-inch, \$8.00; 3-inch, \$5.00; 2 1/2-inch, \$3.00 per 100; Mme. Sallerol, 2 1/2-inch, \$2.50 per 100.
Petunias, Dreeer's best double, in all colors, 4-inch, \$8.00; 2 1/2-inch, \$3.50 per 100.
Salvia Splendens, 4-in., \$8; 3-in., \$5 per 100.
Vincas, major variegata, 4-inch, \$10.00 per 100; 3-inch, \$4.00 per 100.

The stock offered here is all A No. 1. Send in a trial order and be convinced. Please do not send personal checks. Remit by P. O. M. O., Express M. O. or drafts.

Cation Greenhouse Co., 1101 Fifth Ave., PEORIA, ILL

WIETOR BROS.

51 Wabash Ave., CHICAGO.

LARGE SUPPLIES OF
LONG BEAUTIES, ROSES and CARNATIONS

FOR DECORATION DAY!!

STOCK OF GOOD QUALITY AND PROMPT AND CAREFUL ATTENTION GUARANTEED.
SEND US YOUR ORDER.

PRICE LIST SUBJECT TO CHANGE WITHOUT NOTICE . . .

ROSES.

BEAUTIES—		LIBERTY	\$6.00 to \$10.00 per 100
36-inch and upward.....	\$3.00 to \$4.00 per doz.	KAISERIN	4 00 to 8 00 "
24 to 30-inch.....	2.50 to 3 00 "	IVORY	3.00 to 6 00 "
20-inch.....	2.00 "	BRIDE	3.00 to 6 00 "
15-inch.....	1.50 "	BRIDESMAID	3.00 to 6 00 "
12-inch.....	1.00 "	METEOR	3.00 to 7.00 "
Short stems.....	.50 to .75 "	GOLDEN GATE	3.00 to 6 00 "
CHATENAY	3.00 to 8 00 per 100		

CARNATIONS.

STANDARD SORTS.....\$2.00 per 100 | SPECIAL FANCY SORTS.....\$3.00 to \$4.00 per 100

PEONIES.....75c to \$1 00 per doz. | CAPE JASMINES.....\$2.00 to \$3.00 per 100

\$1.50 per 100 All strong 2-inch pot stock, lots of it in bloom.

Routed Cuttings, prepaid. Routed 2-in. Cuttings, plants Per 100 Per 100

Ageratum , Pauline, Guroey.....	\$0.50	\$1.50
Petunias , dbl. fine variety and stock.....	.75	1.50
Salvia , Boudre, Splendens, Silverspot.....	.90	1.50
Coelus , 12 best bedders.....	1.00	\$5.00
Hardy Pink , 8 sorts.....	.75	1.50
Feverfew Gem; Dbl. Alyssum , Giant, white.....		1.50
Alternanthera , red and yellow.....	.50	1.50
Stevia , serrate and Variagata.....	.75	1.50
Coleus , 12 best bedders.....	1.00	\$5.00
Abutilon , Eclipse, Golden Bells.....		1.50
Smilax Seedlings, 30c per 100; Centaurea Dusty Miller and Golden Feverfew , 2-in., \$1.50 per 100		
Dbl. Daisy , Snowball, Longfellow, wintered over, in bud and bloom, 1000 for \$2.50.		
Ceraniums , fine varieties 2½-inch 2c.		
Asters Simplex , white, pink, crimson, lavender and purple \$3.00 per 1000.		

Cash. Direct all orders plainly to

BYER BROS., Chambersburg, Pa.
Please mention the American Florist when writing.

HINODE FLORIST CO.
...JAPANESE NOVELTIES...

TINY PLANTS, in 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100.
RHAPIS, 5 to 15 shoots, 50 cents each.
CASH WITH ORDER.
LARGEST GROWERS OF EASTER LILIES.
WOODSIDE, N. Y. and **WHITESTONE, L. I., N. Y.**
Please mention the American Florist when writing.

Orchids!

Arrived in superb condition direct from the woods the following **ORCHIDS**: Cattleya labiata, C. Warneri, C. Dowiana, Laelia flava, Miltonia candida, Dendrobium chrysotoxum and Burlingtonia fragrans. Write for special list, also catalogue of established orchids.

Lager & Hurrell, SUMMIT, N. J.
Orchid Growers and Importers.
Please mention the American Florist when writing.

Palms and Asparagus Cheap.

Latania Bar. , 2-in. pot, seed leaves.....	Per 100	3.00
" " 3-in. pot, 15-18 in., 2-3 chr. lvs.....		12.00
" " 5-in. pot, 18-20 in., 3-4 chr. lvs.....		15.00
" " 5-in. pot, 20-24 in., 4 chr. lvs.....		20.00
Kentia Bel. , 2½-in. pot, 6-8 in., 2 leaves.....		10.00
" " 3-in. pot, 8-10 in., 3-4 leaves.....		12.50
" " 4-in. pot, 12-15 in., 4-5 leaves.....		16.00
Asparagus Sprengeri , 2-inch.....		2.00
Asparagus Plumosus Nanus , 2-inch.....		2.50
" " 3-inch.....		5.00

SHERMAN NURSERY CO.,
CHARLES CITY, IA.

Orchids

INDIAN ORCHIDS. Just arrived in fine condition an extra fine lot of the following varieties: Dendrobium Wardiaum, Dendrobium crassinode, D. thyrsiflorum, D. Devonianum, Cypripedium Boxallii, Cymbidium Lowianum. Also Cattleya Warneri, Laelia crispata and Oncidium varicosum Rogersii.

FRED. VARDEN,
26 Summerfield St., Fall River, Mass.

Stanley & Co.
Orchid Importers and Growers,
SOUTHGATE, ENGLAND.

Orchids. Cattleya Aclandiae, Oncidium Sarcodes; perfect, plump, leafy importations just arrived. Order samples.

SCOTTII

The Most Graceful Nephrolepis Known

Retailers who have handled this fern are unanimous in proclaiming it the best Fern ever introduced. Consult any grower who has bought Scottii and he will tell you that it is as far ahead of the Boston as that variety is ahead of all other introductions. See my adv. on second cover page in American Florist of Feb. 25th.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.
BRANCH:
E. 45th St. and Rutland Road, Flatbush.
TELEPHONE, 1207 WILLIAMSBURG.

Please mention the American Florist when writing.

ORCHIDS

Arrived in A1 Condition Direct From the Woods the Following Importations:.....

CATTELEYA TRIANÆ,
CATTELEYA SCHRÆDERÆ,
DENDROBIUM NOBILE.

—Write for prices at once.—

JULIUS ROEHR'S CO., Orchid Growers and Importers,
RUTHERFORD, N. J.

Please mention the American Florist when writing.

ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the World.

SANDER, St. Albans, England.

Agent, A. DIMMOCK, 31 Barclay St., NEW YORK CITY
Please mention the American Florist when writing.

Hartford, Conn.

FLORISTS' CLUB MEETING.

The regular meeting of the Hartford Florists' Club was held May 12, and there was a large attendance of members. The president, J. F. Huss, gave an interesting talk on Alpine auriculas and other perennials, of which he is a most successful grower. It was intimated at the meeting that the executive committee of the American Rose Society would meet at Hartford, June 19, and accept the hospitality of our club. A lively discussion took place on the subject of window flower boxes and the president appointed a committee to devise ways and means of bringing this highly important matter strongly before the public. Hartford is admittedly a beautiful and prosperous city and it was felt that the one thing necessary to make it the gem of eastern cities was the window box, skillfully planted and widely disseminated.

It was the opinion of the meeting that our commercial florists could easily do more to educate the public to the beauty and utility of window flower gardening. To show how universally flowers are used for this purpose in different parts of Europe, by rich and poor alike, one of the members gracefully emitted the following effusion, which was received by the meeting with loud acclaim:

Ye bloom on the cottage, the cottager's pride;
The window looks cold with no flowers by its side;
Ye bloom on the palace, ye bloom on the hall,
Ye bloom on the top of the ruinous wall;
Ye bloom on the trellis, ye bloom on our bowers,
Ye carpet creation, ye beautiful flowers.

The following resolutions were passed on the death of Alfred Whiting, the veteran West Hartford florist, who passed away on May 5, at the ripe age of eighty-one years:

Resolved, That by the death of Alfred Whiting, an honorary member of our florists' club and a veteran horticulturist, we feel that the horticultural interests of Hartford have suffered a great loss. During Mr. Whiting's long, honorable and successful career he did much to advance the interests of horticulture in general, and as an estimable citizen and a man he held the respect and esteem of the entire community.

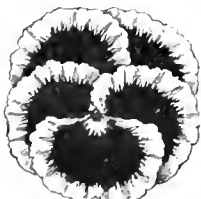
Resolved, That the sympathy of the Hartford Florists' Club be respectfully tendered Miss Helen Whiting in her bereavement, and the corresponding secretary is now instructed to forward her a copy of these resolutions.

A. C.

Pansies

Giant flowering, extra large wintered over plants in full bloom, per 100, \$2.50

Per 100



- Asp. Plumosus, strong, 2 1/2-in. 5.00
- Chrysanthemums, in variety 3.00
- Coleus, mixed 2.50
- Daisies, Marguerite, white and yellow, 4-in. 2 1/2-in. 4.00
- Fuchsias, E. G. Hill, Phenomeal 4.00
- " Mixed 3.00
- " Sunray, per doz., \$1.00
- Geraniums, standard varieties, 4-in. 10.00
- " Mine, Sallerol, 2 in 4.00
- Hollyhocks, double, separate colors 12.00
- " Allegheny mixed 12.00
- Salvia, St. Louis and Clara Bedman, 2 in. 4.00
- " Mrs. C. N. Page, 2-in. 6.00

CASH WITH ORDER.

I. N. KRAMER & SON, Grand Rapids, Ia.

ROOTED CUTTINGS OF CHRYSANTHEMUMS

Opah, October Sunshine, Mme. Bergman, Willowbrook, Robinson, Major Bonnaffon and Ivory, all at \$10.00 per 1000.

VIOLETS, from 2-inch pots, Princess of Wales and Dorsett, single; Marie Louise and Lady Campbell, double, all at \$2.50 per 100; \$20.00 per 1000.

ELI CROSS, Grand Rapids, Mich.

Please mention the American Florist when writing.

LAST CALL.

POMPON CHRYSANTHEMUMS.

To reduce a large stock of this popular type we offer strong plants of the

BEST FLORISTS' VARIETIES

from 2 1/4-in. pots, at \$2.50 per 100.

NATHAN SMITH & SON,
ADRIAN, MICH.

Chrysanthemums.

New and Standard Varieties.

Fine plants, now ready. 2 1/2-inch pots.

Write for List and Prices.

H. WEBER & SONS, OAKLAND, MD.

CHRYSANTHEMUMS.

Wm. Duckham, Dr. Enguehard, Helen Frick, John Burton, Robinson, Mrs. Jones, white and yellow, Balfour, Mrs. Coombes, Convention Hall, etc., etc., 2 1/4-in. pots, \$2.00 per 100, \$20.00 per 1000.

GERANIUMS.

Novelties, in full bloom, 4-in. pots, \$8.00 per 100; 2-in. pots, \$3.00 per 100.

No Better Stock in the Country.

HENRY EICHHOLZ, FLORIST, WAYNESBORO, PA.

- Coleus 12 standard varieties, Per 100 2 1/4-in., \$2.50; 3-in. \$ 5.00
- Heliotrope, large plants, 4-in. 8.00
- Coranlums, all colors, 4-in. 8.00
- Labelle, the dwarf and trailing, large plants 3.00
- Cannas, the 10 best varieties, 4-in. pots. 8.00
- Ivy Coranlums, 6 varieties, all in bud and bloom, 4-in., \$10.00 per 100; 5-in. 12.00
- Cobaea Scandens, 4 in., 4 to 5 feet tall. 12.00
- Marguerites, yellow and white, 4-in. plants, in bloom 10.00
- Echeveria 3.50

Cash with order, please.

CAPITAL CITY GREENHOUSES, Madison, Wis.

Rooted Cuttings

Prepaid per 100. Ageratum, Gurney, 50c. Giant Marg. Daisy, white, 75c. Alternantheras, best red, 2-in., \$1.50 by express.

ASTERS READY in the following kinds: Earliest White; Queen of Market, mixed; Giant Comet mixed; Victoria Giant mixed; Simple's white, pink and purple, 40c per 100; \$3.50 per 1000. Cash. BYER FLORAL CO., Shippensburg, Pa.

Wm. P. Craig Importer and Exporter Plants, Bulbs and Seeds. PHILADELPHIA. 1305 Filbert Street

ROSES

Following Varieties and Sizes: Get Your Order in Early and We Will Ship When Wanted.

Variety.	R. C.	2x2 1/2	2 1/2 x 3
Bride	\$1.50	\$2.50	\$3.50
Maid	1.50	2.50	3.50
Golden Gate	1.50	2.50	3.50
Ivory	1.30	2.50	3.50
Meteor	2.00	3.00	4.00
Souv. de Wootton	2.00	3.00	4.50
Kaiserin	2.00	3.00	4.50
Perle	2.00	3.00	4.50
Belle Siebrecht	2.50	3.50	4.50
La France	2.50	3.50	4.50
President Carnot	2.50	3.50	4.50
Gen. MacArthur	4.00	6.00	7.50
La Detroit	4.00	6.00	7.50
American Beauty	3.00	6.00	8.00

Chrysanthemums

In 2 and 2 1/4-in. Pots, all \$2.50 per 100 except the Eatons \$5.00. The following varieties:

White—Estelle, Midge, Bergmann, White Bonnaffon, Ivory, Mrs. J. Jones, Mrs. Robinson, Doane, J. C. Andrews, Timothy Eaton. Yellow—Yellow Eaton, Col. Appletan, Pennsylvania, Golden Wedding, Maj. Bonnaffon. Pink—Glory of Pacific, Ivory, Viviland-Morel. Pink. Perrin, Liger, Maud Dean.

General Stock.

Cannas in yellow and red var.	3-in. \$5.00; 4-in. \$8.00 per 100.	2 to 2 1/4-in. 3-in. \$5.00 \$12.50
Vincas	3.50	5.00 10.00
Double Petunias	2.50	
Sweet Alyssum	4.00	7.50
Fuchsias	4.00	
Cuphea	2.50	
Coleus	2.50	
Salvias	2.50	5.00
Santolins	2.50	
Cannas	5.00	
Feverfew	2.50	5.00
Marguerite	8.50	7.50 10.00
Nasturtiums	2.50	
Rose Geraniums	3.50	6.00
Ivy Geraniums	5.00	
Mme. Sallerol	3.00	
Geraniums, pink, red, white and salmon	3.50	5.00 8-10.00
Centaurea	2.50	5.00
Fancy leaved Coleus (broad highly colored)	3.00	10-12.50
Alternantheras	3.00	7.50 12.50
Pelargoniums	5.00	
Moonvines	5.00	
Ageratum, white and blue	2.00	
Flowering Begonias, 5 var.	5.00	7.50 12.50
Genistas	5.00	15.00 12.50
Cobaea scandens	5.00	
Heliotrope	7.50	

BOSTON FERNS.

We quote fine No. 1 stock.

We want to call your attention to our prices on Ferns. Finest stock. We would like a trial order and will guarantee to please you.

BOSTON	Per 100
2 1/2-in. at	\$ 4.00
3-inch	8.00
4-inch	15.00
5-inch	\$25.00 to 35.00
6-inch	40.00 to 50.00
8-inch	\$1.00 to \$1.50 each
10-inch	1.50 to 2.50 each

FINE ASPARAGUS PLUMOSUS.

Per 100	
2-inch at	\$3.50 to \$5.00
3-inch	5.00 to 8.00
5-inch	15.00
5-inch	25.00

SPRENGER.

2-inch at	\$2.50 to \$3.50
3-inch	3.30 to 5.00
4-inch	10.00
5-inch	25.00

CARNATIONS.

We have carried over in frame a lot of Crane, Joost and White in 4-inch pots that are just coming into bud, fine for Decoration Day. Price, \$12.50 per 100.

If you want samples of any of the above stock, send 50c or \$1.00 for same and you see then exactly what you are buying.

GEO. A. KUHL, Pekin, Ill.

CHRYSANTHEMUMS

Rooted cuttings from cool grown stock of the following varieties: American Beauty, globular dark pink; Dr. Enguehard, \$4.00 per 100. Merry Monarch, white and yellow; Willowbrook, Polly Rose, Pacific, R. Halliday, Ivory, R. Binson, Nellie Pocket, Bonnaffon, Lincoln. Maud Dean, Merry Christmas, \$1.50 per 100; \$12.50 per 1000. Cash with order, please. G. F. NEIPP, Jamaica P. O. AQUEDUCT, L. I., N. Y.

C. R. HILLS, Grand Rapids, Mich.

AMERICAN BEAUTIES, extra fine, 3-in. \$6.00 per 100
LA DETROIT, extra fine, 3-in. 8.00 per 100
CHATEAU, PERLE and SUNRISE, 3-in. 5.00 per 100
Cobaea Scandens, 2 1/4-in. 2.00 per 100
 " extra fine, 3-in. 4.00 per 100
Forget-me-nots, 2 1/4-in. 2.00 per 100
Verbenas, mammoth, clean and healthy, 2 1/4-in. 2.00 per 100

ASTERS Bentley's Famous Astera, extra fine stock, from 2 1/4-in. pots, \$2.00 per 100, \$17.50 per 1000.
 American Branching, Hobenzollern, Queen of the Market and Carlson's, from bench, 60c per 100, \$5.00 per 1000; from 2 1/4-in. pots, \$1.50 per 100, \$12.50 per 1000.
PRIMULAS for July delivery.
NICOTIANA SANDERAE, 2 1/4-in., \$1.00 per doz.

200,000 Bedding Plants.

First-Class Stock that will please. **Geraniums**, Nutt, Ricard, Double Gen. Grant, Buchner and Poffevine, strong 4 in. bud and bloom, \$5.00 per 100.
Verbenas, in bud and bloom, 2 and 3-inch, \$1.25 and \$2.00 per 100; **Salvia Splendens** and **Bonfire**; **Petunias**, single fringed; **Ageratum**, blue; **Lobelia**, **Aliernantheras** and **Colens**, red, yellow and fancy mixed, all strong 2 to 2 1/4-in. \$1.50 per 100; **Verbenas**, **Petunias**, and **Salvias**, strong, 3-in., \$2.50 per 100; **Salvias**, 4-inch, \$3.50 per 100; **German Ivy**, strong, 2 in., \$1.75 per 100; **Begonia** Vernon, strong, 2 in., \$2.00 per 100; **Begonia** Vernon and **Geraniums**, strong, 3-in., ready end of May, \$3.50 per 100; **Dracaena Indivisa**, strong, 5-in., \$1.50 per doz.; **Cannas**, French, mixed, strong, 4-in., \$4.00 per 100.
 CASH. All orders shipped the day received at special rate. **WM. HERZOG, Morris Plains, N.J.**

PANSIES.

Extra fine stock, in bud and bloom. \$1.25 per 100; \$12.00 per 1000.
The Park Floral Co.
 GRAND RAPIDS, MICH.

Pansies The Jennings Strain.

Fine cold-frame plants in bud and bloom. Finest mixed colors. Ready April 1st. Price, \$1.50 per 100. Cash with order.
E. B. JENNINGS, Lock Box 254, SOUTHPORT, CONN.
 GROWER OF THE FINEST PANSIES.

BOSTON FERNS.

Fine young plants, \$10.00 per 1000.
ZAMIA INTEGRIFOLIA, \$12.00 per 1000
 Send Money Order on Little River, Fla.
 Send for price list.

SOAR BROS., Little River, Fla.

RED SPORT.

The great Christmas "Hollyberry" red Carnation. Most profitable red ever introduced, and an easy doer; everybody can successfully grow it. Strong plants from 2 1/4-in. pots, ready to plant in field or on bench inside. \$6.00 per 100; \$50.00 per 1000

A. B. DAVIS & SON, Carnation Specialists,
 PURCELLVILLE, VA.

The Beautiful Pink Carnation

CANDACE

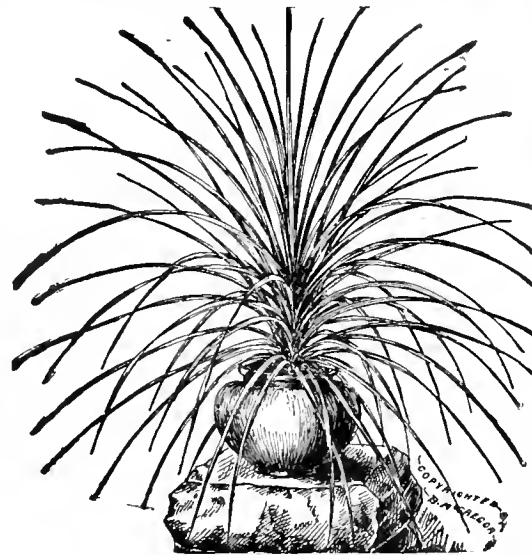
\$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Dissemination 1906. Early commercial.

**INDIANAPOLIS FLOWER & PLANT CO., } Indianapolis,
 JOHN WARTJE. } Ind.
 Please mention the American Florist when writing.**

CYCLAMEN

Splendens Giganteum Hybrids.
 Finest strain in the world, in five true colors, extra well grown plants, from 2 1/2-inch pots, \$5.00 per 100, \$45.00 per 1000. Satisfaction guaranteed.
PAUL MADER, East Stroudsburg, Pa.

It is good business policy to mention the **American Florist**when writing to an advertiser.



DRACAENA INDIVISA.

DRACAENA INDIVISA

An Elegant Lot of Plants
 Suitable for Furnishing Vases, Etc.
 Per doz. Per 100
 4-inch Pots..... \$2.00 \$15.00
 5-inch Pots..... 2.50 20.00
 7-inch Pots, heavy..... 5.00 50.00
 8-inch Pots, heavy..... 9.00 75.00
 11-inch Pails, 3 feet high, fine Plants \$2.00 each.

Henry A. Dreer,
 714 Chestnut St., PHILADELPHIA

White Lawson

The Finest White Carnation.
 Also Cardinal, Fred Burki, Mrs. M. A. Patten, Daheim, Enchantress, Flamingo, Mrs. Thos. W. Lawson, etc. Write us about your needs.

F. R. PIERSON CO.
 TARRYTOWN-ON-HUDSON, N. Y.

Please mention the American Florist when writing.

S. S. SKIDELSKY,

824 No. 24th Street,
 PHILADELPHIA.

Correspondence Solicited.
 Please mention the American Florist when writing.

ROOTED CARNATION CUTTINGS	
	Per 100 1000
WHITE LAWSON.....	\$6.00 \$50.00
FLAMINGO.....	6.00 50.00
ENCHANTRESS.....	3.00 25.00
THE QUEEN.....	2.50 20.00
CARDINAL, from 2-inch pots.....	12.00

Larchmont Nurseries,
 Larchmont, N. Y.

Headquarters for **COLEUS**

Per 1000
 Rooted cuttings of Golden Bedder and Ver-schaffeltii..... \$ 6.00
 Rooted cuttings, mixed..... 5.00
 2 1/4-inch pots..... 15.00
 The above ready for shipment. Cash with the order.
J. E. FELTHOUSEN, Schenectady, N. Y.

New Rose Wellesley

Own root plants. \$25.00 per 100.
Waban Rose Conservatories
 JOHN N. MAY, Summit, N. J. Natick, Mass.

CARNATIONS Rooted Cuttings

WHITE LAWSON.
 The king of white sorts. A strong grower and a free bloomer. We have 5000 ready to be shipped. All orders will be filled in rotation. \$7.00 per 100; \$50.00 per 1000.

	Per 100	1000
Lady Bountiful.....	\$7.00	\$50.00
Mrs. M. A. Patten.....	6.00	50.00
Nelson Fisher.....	7.00	60.00
Daheim.....	6.00	50.00
Enchantress.....	3.50	30.00
Boston Market.....	2.50	20.00
The Queen.....	2.50	20.00
Mrs. T. W. Lawson.....	2.00	18.00
Gen. Macco.....	2.00	15.00
Morning Glory.....	2.00	15.00
Mrs. G. M. Bradt.....	3.00	25-30.00
Melba.....	1.50	12.00
Queen Louise.....	1.50	12.00
White Cloud.....	1.50	12.00

GRAFTED ROSES.
 We are now booking orders for future delivery. Write for prices.
WOOD BROS, Fishkill, N. Y.

Special Offer.

15,000 **SALVIA BONFIRE**, strong plants, from 2-in. pots, \$1.50 per 100; \$14.00 per 1000.
 5,000 **GERANIUMS**, Mme. Buchner (best white), 2 1/2-in., \$2.00 per 100; \$18.00 per 1000.
ASPARAGUS PLUMOSUS NANUS, strong plants from 3-in. pots, \$5.00 per 100, while they last.
 —CASH—

The W. T. BUCKLEY CO.
 SPRINGFIELD, ILL.

Pierson Ferns

Bench grown, ready for 4, 5, and 6-in. pots, \$12.50, \$15.00 and \$20.00 per 100; strong, healthy stock. Cash.
Baur Floral Co., Erie, Pa.

Buffalo.

WINDOW BOXES IN DEMAND.

Weather conditions have been varied, consequently trade has been only fair. The supply of stock has been equal to all demands. Roses show the effect of warmer weather and are getting small, more especially Bridesmaids. Carnations are very good, Prosperity never finer than now. Outdoor flowers are plentiful; narcissus and daffodils are fine. The first peonies and lilacs were received this week. The greenhouse men are very busy now, in fact it is almost impossible to see one of them. From a visit to several and inquiries the indications are that there never was such a call for veranda boxes and lawn vases as this year. As Buffalo has been known far and wide for its beautiful veranda and window boxes, it is very gratifying to find that the trade is increasing. There is certainly nothing more attractive than a well filled veranda box or lawn vase. It is a beautiful sight to drive up Delaware avenue, Bryant, Linwood, North, Elmwood and Summer streets, and see the work of our florists. Then there are the lawns of the private gardeners, such as C. W. and F. H. Goodyear, Harlow Curtiss, J. J. Albright and several others that the commercial florists have no work for. Outdoor tulips never were finer than this year. It is a beautiful sight to see the tulip beds of Wm. Hamlin, Delaware and Lexington avenues, as the varieties are of the best and the flowers of unusual size.

Funeral work the last of the week was very large. The death of the chief engineer of the Buffalo Gas Light Company called forth a very elaborate display of flowers, in which Palmer, Anderson and Rebstock had many orders. The death of one of the prominent ladies of the city also called for an extensive amount of flowers, in which at least 3,000 lily of the valley were used exclusive of other flowers. The arrangement of the last funeral was placed in the hands of S. A. Anderson, who took full charge of everything.

Memorial day will have its usual call, but nothing startling, from the retail florist's point of view. The demand is for flowering plants to place on the graves of the departed veterans which still receive care as in former years and the little plant is still placed to mark the resting place of the ones who fought for the cause that they thought was right. Several June weddings are scheduled and several florists expect to be busy.

Pansy plants are selling well from 25 cents to 35 cents per basket, according to the number of plants.

Prof. Cowell had the first tulips and daffodils out this year. Lafayette park bulbs are backward.

Assistant Superintendent Braik has been ill, but we are pleased to say that he is better now.

S. A. Anderson has a border of myosotis in his window that is very attractive.

Recent visitors: Henry Wise, East Aurora, N. Y.; F. B. Lewis, Lockport, N. Y.; Max Beattus, Dayton, Ohio; Harry Bunyard, New York. Bison.

FRANKLIN, PA.—McElhinney Brothers, are building an addition, 25x135 feet, to their plant here.

ANOTHER BIG TIME COMING

\$5,000.00 IN PREMIUMS

**KANSAS CITY
FLOWER SHOW**

Convention Hall, November 13th to 18th inclusive

Kansas City holds the greatest of all Flower Shows. Kansas City offers the largest premiums and pays them in full. Kansas City secures the best judges in America.
George E. Kessler, Landscape Architect, will be the director of the show. Premium list now ready. Address

LOUIS W. SHOUSE, Secretary,
Convention Hall, KANSAS CITY, MO.

Please mention the American Florist when writing

AUCTION SALE

THURSDAY, JUNE 1st, 1905

19 Greenhouses, Boilers, Pipe, Ventilators, 4 Plant and Delivery Wagons, Tools, Implements, Horses, Harness, and a variety of auxiliaries used in the Florist's Business; the whole being the up-to-date plant of Dietzenberger Bros., of 75th St. and 5th Ave., Bay Ridge, BROOKLYN, N. Y., who are retiring from business.

SALE ON PREMISES.

Further particulars may be obtained from the retiring firm or
JOHN P. CLEARY, Auctioneer.

Please mention the American Florist when writing

60,000 GRAFTED ROSES For Forcing

EXTRA FINE HEALTHY PLANTS. FREE FROM MILDEW.

LIBERTY, rose pots, \$15 00 per 100; 3¼-inch pots, per 100.....\$ 18.00
BRIDES, BRIDESMAIDS, GOLDEN GATES, KAISERINS, rose pots, \$10.00 per 100, \$95.00 per 1000; 3¼-inch pots, \$15.00 per 100, per 1000..... 145.00

COLEUS.

VERSCHAFFELTII, GOLDEN BEDDER, FIREBRAND, rooted cuttings, 75c per 100; per 1000.....\$6.00

SEND FOR PRICE LIST.

J. L. DILLON, Bloomsburg, Pa.

Chicago Carnation Co.

JOLIET, ILL.

Our plants are now in the field.
Write us for Fall delivery.

JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
ROSES, PALMS,
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.



Please mention the American Florist when writing.

CUT FLOWER BOXES WATERPROOF Corner Lock Style.

The best, strongest and neatest folding out flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

Size No.	0.	3x 4x20	.....	\$2.00	\$19.00
"	1.	3x 4½x16	.....	1.90	17.50
"	2.	3x 6x18	.....	2.00	19.00
"	3.	4x 8x18	.....	2.50	23.00
"	4.	3x 5x24	.....	2.75	26.00
"	5.	4x 8x22	.....	3.00	28.50
"	6.	4x 8x28	.....	3.75	36.00
"	7.	6x16x20	.....	5.50	54.00
"	8.	3x 7x21	.....	3.00	28.50
"	9.	5x10x35	.....	6.50	62.00
"	10.	7x20x20	.....	9.50	87.50
"	11.	3½x5x30	.....	3.00	28.50

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY, Box 104. COLUMBUS, OHIO. Please mention the American Florist when writing.

STANDARD FLOWER POTS!

Packed in small crates, easy to handle.

1500 2-in., in crate	\$4.88	120 7-in., in crate	\$4.28
1500 2½ "	5.25	60 8 "	3.00
1500 3½ "	6.00	HAND MADE.	
1000 3 "	5.00	48 9-in., in crate	\$3.00
800 3½ "	5.80	48 10 "	4.80
500 4 "	4.50	24 12 "	4.80
820 5 "	4.51	12 14 "	4.80
144 6 "	3.16	6 16 "	4.50

Seed pans, same price as pots. Bend for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address

HILFINGER BROS. POTTERY, Fort Edward, N. Y. Or AUGUST ROLKER & SONS, New York Agents, 31 Barclay Street, New York City.

Please mention the American Florist when writing.

—WRITE—
A. F. Kohr
1521-23 N. Leavitt St., CHICAGO, ILL.,
FOR PRICES OF

Standard Pots which for strength and porosity combined are the best on the market
Please mention the American Florist when writing.

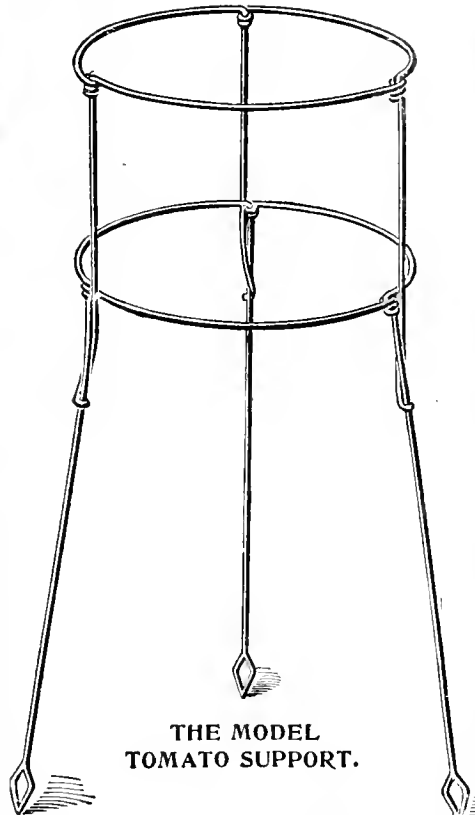
THOSE RED POTS
"STANDARDS"
FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,
HARRY BALSLEY, Rep. DETROIT, MICH.,
490 Howard St.

Please mention the American Florist when writing.

Standard Flower... **POTS**

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....
W. H. ERNEST,
38th and M Streets, WASHINGTON, D. C.



THE MODEL TOMATO SUPPORT.

THE ONLY PERFECT
Tomato and Plant Support

MADE OF HEAVY GALVANIZED WIRE AND WILL NOT RUST.
Height complete.....34 In.
Height of bottom section, 24 In.
Height of top section.....12 In.
Diameter of circle.....14 In.

MODEL CARNATION SUPPORTS, GALVANIZED ROSE STAKES and TYING WIRE.

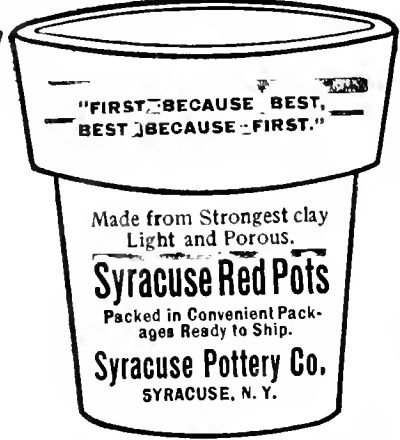
Igoe Bros.,
226 North 9th St.,
Brooklyn, N. Y.

Standard Flower Pots

The WHILLDIN POTTERY COMPANY, PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

THE KELLER POTTERY COMPANY,
Manufacturers of **FLORISTS' RED STANDARD POTS.**

Azalea Pots, Bulb and Fern Pans, Etc.
Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.

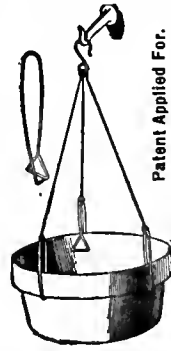


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REDPOTS

SAMPLE POT AND PRICE LIST ON APPLICATION.
C. C. POLLWORTH CO., MILWAUKEE, WIS.....

Kramer's Pot Hanger



Patent Applied For.
The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them.
FOR SALE BY WHOLESALE SEEDSMEN, FLORISTS AND SUPPLY DEALERS.
Price with wire chain as shown in out, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.



GEO. KELLER & SON, MANUFACTURERS OF **FLOWER POTS.**
Before buying write for prices.
351-353 Herndon Street, near Wrightwood Ave., CHICAGO, ILL.

Newport, R. I.

BUSINESS CONTINUES SPLENDID.

We have had a most satisfactory week in every way. At last the long drought has been broken, we having had three or four splendid rains since last writing. The seedsmen are enjoying a very brisk trade. Our florists have had the busiest week with funeral orders for a very long time, as many very esteemed citizens have passed away during the last ten days.

NOTES.

The funeral of the late chief of police, Benjamin H. Richards, May 11, brought out the largest collection of elegant funeral flowers ever seen here. The casket cover was made by F. M. Smythe, of Wadley & Smythe, Mr. Smythe coming from New York to do this work for his old friend with his own hands. In making this mantle for the casket smilax was used and purple orchids, lily of the valley and violets, the flowers. Oscar Schultz had charge of the flowers, which included some 200 pieces valued by good judges at much over one thousand dollars.

Secretary David McIntosh, of the Newport Horticultural Society, has recently received from Miss Alice Keteltas of New York and Newport a very massive silver cup made by Tiffany, which she offers to the society as a special prize for the June show at the Newport casino. Miss Keteltas stated in her letter, accompanying the cup, that she wished to offer it to develop original ideas in gateway decorations, and it will be used for that purpose.

A visit to Thomas Galvin's shows a house of large and well-grown rubber plants which he is selling to the trade at \$18 to \$24 per dozen. He is also well stocked and ready for the coming season's business in geraniums, vincas and in fact all the standard bedding plants.

P. J. Looymans & Sons, Oudenbosch, Holland, have supplied some rare shrubs and trees to several estates here. Their shipments have included some splendid bay trees, catalpas, evergreen oaks and many other choice trees.

H. L. DeBlois reports the seed business as very brisk; but vegetable plants moving slowly, owing to the extreme cold weather. He is offering this week a special line of hardy hybrid perpetual blooming roses.

This coming season will be a great year for the cactus dahlia here. Never before has the interest been so intense and the collection so complete as now. Some elegant flowers will be seen here this summer.

The George A. Weaver Company is advertising as a special inducement three quarts of sweet corn for 50 cents, and three quarts of early peas for 60 cents. They do not name any special sorts.

James J. Mulry, representing Reed & Keller, of New York, has been here the

past week and reports orders for florists' supplies coming as well as could be expected at this time of year.

M. B. Faxon has some splendid beds of his White House pansies in full bloom, and the large velvety flowers are being greatly admired.

Thomas Galvin has his usual fine lot of geraniums ready for the retail dealers and the seed stores, whom it is his custom to supply.

John A. Boyle has returned from a four weeks' visit to New York, and he has been engaged as head gardener to J. Laurens Van Alen.

John Urquhart, head gardener to R. L. Beekman, at Lands End, made a trip to Boston this past week to select nursery stock.

Richard Gardner, head gardener to J. J. Van Alen, at Wakehurst, has in bloom very choice orchids in the best varieties.

The Shady Hill Nursery Company, of Boston, Mass., has been doing considerable ornamental planting here this spring.

Stewart Ritchie has this season grown for the wholesale trade as usual a splendid lot of both bedding and vegetable plants.

William B. Scott & Company's store was most tastefully decorated for the parade of the Red Men May 10.

F. L. Ziegler is having a special sale of crimson, white and pink Rambler at 50 cents and \$1 each.

Arbor day was observed here May 12. Tree planting was quite general about the city.

Oscar Schultz is building another general plant house which will be 20x40 feet.

Carl Jurgens and wife have returned from a short vacation trip to New York.



PURE SHEEP MANURE

Dried, Unpulverized and Pulverized.

—WRITE FOR PRICES.—

MONTANA FERTILIZER CO., Elgin, Ill.

Please mention the American Florist when writing.



"Eureka" Weed Killer.

Saves Weeding. Keeps Paths, etc., clear without disturbing or staining the gravel.

Soluble Powder, readily mixed and applied. Large Size Tin, enough for 100 square yards, 75 cts. each. Special prices to Cemeteries and buyers in large quantities. Full directions with each tin.

Vaughan's Seed Store,

CHICAGO: 84-88 Randolph St. NEW YORK: 14 Barclay St.

Please mention the American Florist when writing.

Le Moniteur d'Horticulture

For Horticulturists and Orchid Growers.

EDITED AT PARIS BY

Lucien Chaure and Otto Ballif.

The representative Gardening Paper of French Florists, Seedsmen and Nurserymen. Sample copies free. The largest circulation in France, Belgium, Italy and Switzerland. Twice every month. Subscription per year: With the colored plates, \$2.30; without the colored plates, \$1.20.

14 Rue de Sevres 14, PARIS France.

Please mention the American Florist when writing.

M. RICE & CO.,

Importers and Manufacturers,

Leading Florists' Supply House and Ribbon Specialists.

918 Filbert Street, Philadelphia, Pa.

ROSSIG BROTHERS,

—MANUFACTURERS OF—

Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway. NEW YORK.

Tobacco Dust

FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET, NEW YORK.

HAMMOND'S SLUG SHOT FOR POTATO BUGS AND CURRANTS.

TO THE EDITOR OF AMERICAN GARDENING:

In your issue of June 18, on page 399, I notice a good article on the Colorado Beetle or Potato Bug. For the benefit of your numerous readers I would advise them to try Hammond's Slug Shot. I have used it here this season, with excellent results, on Potatoes, Egg Plants, Cucumbers and Squash,—for Potato Bugs, and also for Striped Beetles, and it is the best remedy I know of, simple and effective. I purchased two of the Dusters which he advertised in your paper, and they are very useful articles. The best time to dust the plants is early morning, as the substance adheres much better when the dew is on. A light dusting is sufficient, and woe betide the bugs or the larvæ. Once they get a taste of it they shrivel up right away.

Sold by Seed Dealers and Merchants all over America.

GEORGE STANDEN, Gardener to Col. D. S. Lamont, Millbrook, N.Y., 1904.

Send for Pamphlet on Bugs and Blights to BENJ. HAMMOND, Fishkill-on-Hudson, N. Y.



FLORISTS' SPECIALS.....

"Kinkaid" Hocking
 Kanawha Splint
 Lower Vein Brazil Block
 Genuine Smokeless Pocahontas
 Sullivan County Indiana Lump

COAL

We are direct agents. Write for prices for immediate shipment or season's supply.

GLOBE COAL COMPANY, 1560-1570 Old Colony Building, CHICAGO.

Clipper
 Lawn
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San Francisco.**TRADE AT LOW EBB.**

Trade in this market has fallen to a very low ebb. The market is full of all kinds of stock and there being little demand, the prices are going down. There is hardly anything doing except funeral work. Carnations can be had in any quantity and roses also. Lilies, too, have taken quite a drop. They are still arriving in large quantities. There is practically no sale for other bulbous stuff. Sweet peas are still in very limited supply and hold up fairly well. Adiantums are more plentiful than ever, and smilax is scarce.

HORTICULTURAL SOCIETY MEETS.

The regular monthly meeting of the Pacific Coast Horticultural Society held May 6 was well attended. The good work done by this society in beginning the crusade against Japanese competition has proven very effective. A mammoth mass-meeting of the citizens of this city was held May 7 to further advocate what this society has inaugurated. Among those present were many members of the society and members of the trade out of town.

TRADE NOTES.

Your correspondent spent a most agreeable hour at the large range of glass on the summer estate of D. O. Mills. There are fourteen large greenhouses at this model place, all filled with stock in splendid condition. About six houses are devoted to carnations of all the leading varieties, and roses, chiefly standard sorts, occupy about five houses. The balance of the houses are devoted to foliage plants and ferns, including a splendid lot of Farleyense. This place has been noted for its Farleyense for many years. The main conservatory is adorned with magnificent marble statuary. Formerly a large number of the houses were used for forcing peaches, grapes, melons, etc. This, however, has been discontinued of late.

Thomas Thompson, one of our leading carnation growers, came up from Santa Cruz last week and called on the trade here. He reports Easter trade in that city as very satisfactory, about twenty-five per cent more business being done than the previous Easter. He says shipping trade was also good. Mr. Thompson is the possessor of a novelty of his own creation, a pure yellow calla, which has been most highly spoken of by all who have had the good fortune to see it. He contemplates the addition of several new houses to his range this summer, all to be devoted to carnations.

Murray & Angus, the rose specialists, show a very interesting lot of stock at their establishments. Although one of our latest firms, they have established a splendid name for the quality of the Bride and Bridesmaid roses with which they supply this market. Carnations are also grown here, but not very extensively. Mr. Murray attends to the growing end of the business and Mr. Angus to the sales department.

The Boyd Memorial park was formally turned over to and accepted by the citizens of the city of San Rafael last week. Among the prominent persons of the state who were in attendance was Luther Burbank, the famous horticulturist. Mr. Burbank was the principal speaker of the day and made a most impressive address.

The city of Fresno has voted the sum of \$70,000 for the improvement of the

park of that city. It is proposed to make it one of the most beautiful in southern California. The landscape work and planting of trees, erection of conservatories, etc., is all to be planned by the most competent experts obtainable.

Preparations are about completed for the flower carnival to be held in San Rafael the latter part of this month. The committee in charge of the affair is receiving the support and advice of the newly organized horticultural society of that city, of which Fred Miller is the leading spirit.

The committee appointed to draw up the schedule for the chrysanthemum show has completed its work and will present the same at the next meeting in San Mateo. It is intended to make the show much larger than in former years and very substantial premiums will be offered.

The scene of the grand encampment of the G. A. R. veterans of this state, to be held in Marysville, has been named Camp Burbank in honor of Luther Burbank. Mr. Burbank has agreed to be the guest of the veterans for one day.

Dr. B. T. Galloway, chief of the Bureau of Plant Industry, and W. H. Evans, chief of the Insular Stations of the United States Department of Agriculture, are in this city on official business. Dr. Evans is en route to Hawaii.

No date has been set as yet for the next meeting of the Wholesale Growers' Association. The committee is not quite through its labors of organization up to the present moment.

James Hutchinson, who has been head gardener to J. A. Folger, Esq., at Woodside, has resigned his position and is spending several weeks in this city taking a much needed rest.

Sievers & Boland used over 900 stems of *Lilium longiflorum*, besides a large amount of other stock, on the funeral of San Francisco's famous lawyer, Russell J. Wilson, on April 26.

Quite a number of the growers and florists of this city made the trip to Menlo Park to the spring exhibition of the Menlo Park Horticultural Society on May 6.

John McLaren, superintendent of Golden Gate park, came out with flying colors in the bowling tournament on April 30.

Charles Serveau, of Serveau Brothers, entertained quite a number of the craft at his summer home May 5.

NORMA.

TRAVERSE CITY, MICH.—F. M. Paine has purchased the floral business of Fritz Carter. The latter will spend several months in the west.



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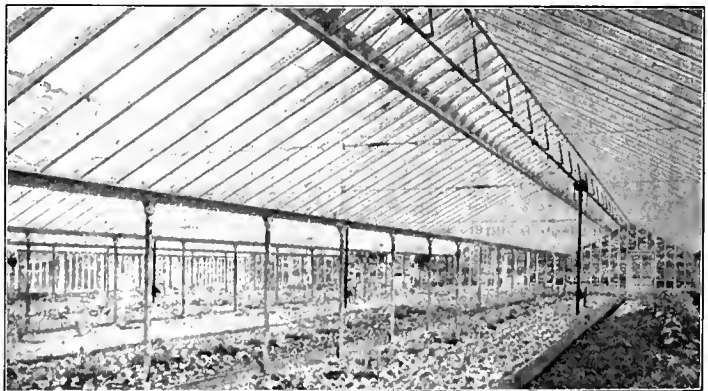
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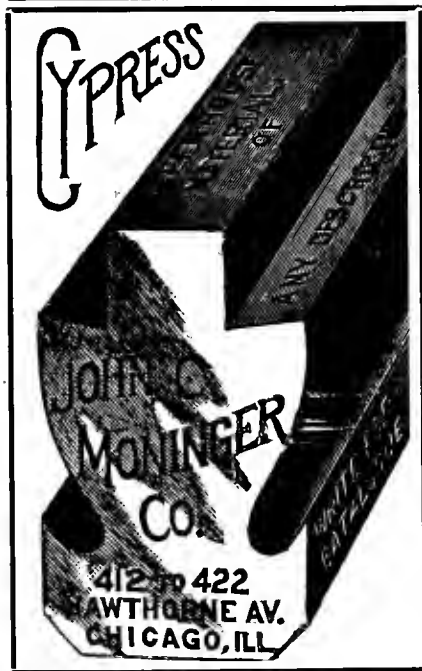
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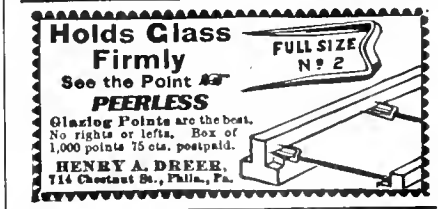
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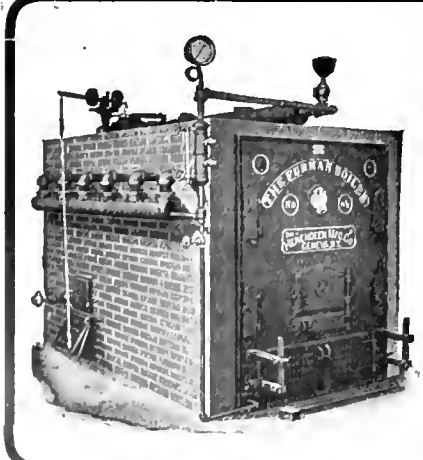
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Chrysanthemums—New, standard var., 2 1/2-in. pots. H. Weber & Sons, Oakland, Md.

Chrysanthemum—Flue plants, ready to ship, from soil or sand. White, per 100; Estelle, Kalb, Robinson, Polly Rose, Wamaker, \$2; Eaton, \$2.50; Bonnafon, Snow Queen, Merry Christmas, Mayflower, Ivory, J. Jones, \$2; H. Plameridge, \$3. Yellow, per 100; October, Sunshine, Moorova, Major Bonnafon, Appleton, J. Jones, Y. Mayflower, Beauty, Mourner, Omega, \$2; Y. Eaton, Golden Wedding, \$2.50; Wm. Thirkell, T. W. Pickett, H. S. Valls, Kimberley, \$3. Pink, per 100; Duckham, Cobhold, Balfour, \$3; Glory of Pacific, Pink Ivory, M. Newell, J. K. Shaw, Perrin, M. Liger, Laven-der Queen, Richardson, Murdoch V.-Morel, \$2. Red, per 100; Oakland, Paul Labbe, Black Hawk, \$2.50. Wietor Bros., 61 Wabash Ave., Chicago.

Chrysanthemums—R. C. Willowbrook, Estelle, Kalb, Robinson, Ivory, J. Jones, Wamaker, Merry Christmas, \$1.50 per 100, 2 1/2-in., \$2.50 per 100; T. Eaton, Crawford, R. C., \$2 per 100; 2 1/2-in., \$3 per 100; W. Bonnafon, R. C., \$2 per 100, 2 1/2-in., \$3 per 100; Chadwick, R. C., \$2.50 per 100, 2 1/2-in., \$3.50 per 100; all white varieties, Monrovia, Appleton, C. Gold, Nagoya, R. C., \$2 per 100, 2 1/2-in., \$3 per 100; Parr, Sunshine, Whildid, Halliday, Bonnafon, R. C., \$1.50 per 100, 2 1/2-in., \$2.50 per 100; Reiman, Y. Eaton, R. C., \$2.50 per 100, 2 1/2-in., \$3.50 per 100; all yellow varieties, Lady Harriet, V. Morel, Xenos, Lady Hamburg, R. C., \$2 per 100, 2 1/2-in., \$3 per 100; Pacific, M. Dean, Quito, P. Ivory, Shaw, Perrin, R. C., \$1.50 per 100, 2 1/2-in., \$2.50 per 100; all pink varieties, Intensity, Shrimpton, R. C., \$2 per 100, 2 1/2-in., \$3 per 100; all red varieties, New white varieties, E. Milham, Mme. P. Sohut, R. C., \$2 per doz., \$4, 2 1/2-in., \$5 per doz., 2 1/2-in., \$40 per 100; Majestic, Adella, R. C., \$10 per 100, 2 1/2-in., \$15 per 100; N. Pickett, R. C., 50c per doz., 2 1/2-in., 75c per doz., 2 1/2-in., \$4 per 100, Mrs. Wm. Duckham, R. C., \$6 per doz., 2 1/2-in., \$7.50 per doz., 2 1/2-in., \$60 per 100; M. Yellow, R. C., \$4 per doz., 2 1/2-in., \$5 per doz., 2 1/2-in., \$40 per 100; Kimberley, Prima, R. C., 60c per doz., 2 1/2-in., 75c per doz.; Plum-ridge, R. C., \$2 per 100, 2 1/2-in., \$3 per 100; T. W. Pickett, R. C., \$1.50 per 100, 2 1/2-in., \$2.50 per 100; A. Beauty, Cobhold, McNeice, R. Wells, L. Filkins, Etherington, Dr. Enguehard, M. Liger, Coombs, R. C., \$2.50 per 100, 2 1/2-in., \$4 per 100; Wm. Duckham, R. C., \$2 per 100, 2 1/2-in., \$3 per 100; all pink varieties, Sport of Duckham, R. C., \$1.50 per doz., 2 1/2-in., \$2.50 per doz.; Lord Hopetoun, R. C., 75c per doz., 2 1/2-in., \$1 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemums—Assorted, finest kinds, \$5 per 100, including Chelton, Guy Hamilton, W. Duckham, Donald McLeod and many others. Charles H. Terry, Madison, N. J.

Chrysanthemums—Duckham and Enguehard, 5c. Benjamin Connell, West Grove, Pa.

Chrysanthemums—Wm. Duckham, Dr. Enguehard, Helen Frick, John Burton, Robinson, Mrs. Joost, Balfour, Mrs. Coombs, Convention Hall, etc., 2 1/2-in. pots, \$2 per 100, \$29 per 1,000. Henry Eichholz, Waynesboro, Pa.

Chrysanthemums—In variety, \$3 per 100. I. N. Kramer & Son, Cedar Rapids, Ia.

Cobaea Scandens—Extra fine plants, 3 1/2-in., all stalked, \$7 per 100. A. Washburn & Sons, Bloomington, Ill.

Colerus—Golden Bedder and Verschaffeltii, \$2.25 per 100; \$2 per 1,000. Leedle Floral Co., Springfield, O.

Colerus—Mixed, \$2.50 per 100. I. N. Kramer & Son, Cedar Rapids, Ia.

Colerus—Golden Bedder, Verschaffeltii and mixed in many var., from 2-in., \$2 per 100. Cation Greenhouse Co., cor. 5th Ave. and Elliott St., Peoria, Ill.

Colerus—Twelve var., 2 1/2-in. pots, \$2 per 100. Jos. H. Cunningham, Delaware, O.

Colerus—Verschaffeltii, Golden Bedder, Firebrand, R. C., 75c per 100; \$5 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Colerus—R. C. Golden Bedder and Verschaffeltii, \$6 per 1,000; R. C. Golden, mixed, \$3 per 1,000; 2 1/2-in. pots, \$15 per 1,000. J. E. Felthousen, Schenectady, New York.

Colerus—Strong, healthy stock, 75c per 100. John Brod, Niles Center, Ill.

Colerus—Twelve best bedders, \$5 per 1,000; R. C., 60c per 100; 2-in., \$2 per 100. Byer Bros., Chambersburg, Pa.

Cuphea—Cuphea, 2 1/2-in., \$2 per 100. C. R. Hillis, Grand Rapids, Mich.

Cyclamen—Splendens giganteum hybrids, five true colors, 2 1/2-in. pots, \$5 per 100; \$45 per 1,000. Paul Mader, E. Stroudsburg, Pa.

Cyclamen—Giganteum, in separate colors, strong, healthy plants, 2 1/2-in., \$5 per 100; 3-in., \$8 per 100. Lehnig & Winnefeld, Hackensack, N. J.

Dahlia—Kaiserin Augusta Victoria dhl., 4 to 5-in. diameter, stems 12 to 15-in., long, plants 3 to 3 1/2 feet high; stock from 2 1/2-in. pots, \$3 per doz.; \$20 per 100. Delivery May 1. A. L. Miller, Jamaica Ave., Brooklyn, N. Y.

Dahlia—Complete set, 12 new Century; 25 new Cactus; Collarett dahlia; giant flowered, new fancy and decorative dahlias; show and single dahlias; in all 38 angle dahlias and 44 dhl. dahlies. L. K. Peacock, Atco, N. J.

Dahlia—Finest collection in U. S. W. L. Lothrop, E. Bridgewater, Mass.

Dahlia—In var., 50c per doz.; 2 1/2-in., \$4 per 100. Cash with order. Ludvig Mosbaek, Onarga, Ill.

Dahlia—Sylvia, divided field roots, \$2 per doz., \$15 per 100. Vaughan's Seed Store, Chicago and N. Y.

Dahlia—Named sorts, 8c. W. H. Salter, Rochester, N. Y.

Dahlia—Cactus, separate colors, \$5 per 100. Charles C. Navlet Co., Inc., San Jose, Cal.

Daisies—Marguerites, 4-in., \$10 per 100; 2 1/2-in., \$4 per 100. I. N. Kramer & Son, Cedar Rapids, Ia.

Daisies—Shasta daisy, 3-in. pots, 75c per doz.; \$6 per 100. Vaughan's Seed Store, Chicago and New York.

Daisies—Paris daisy, R. C., 75c per 100; 2-in., \$2 per 100; dbl. daisy Snowball, Longfellow, \$2.50 per 1,000. Byer Bros., Chambersburg, Pa.

Dracenas—In large quantities. L. H. Foster Estate, Dorchester, Mass.

Dracena Indivisa—Suitable for vases, 4-in. pots, \$2 per doz., \$15 per 100; 5-in., \$2.50 per doz., \$20 per 100; 7-in., \$6 per doz., \$50 per 100; 8-in., \$9 per doz., \$75 per 100; 11-in. plants, 3 ft. high, fine plants, \$2 each. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Dusty Miller—Extra fine, 3-in. pots, \$2.50 per 100; a bargain; cash. Geo. M. Brinkerhoff, Springfield, Ill.

Dusty Miller—60c per 100. Byer Bros., Chambersburg, Pa.

Ferns—New crop fancy and dagger ferns; fancy, \$1.25 per 1,000; dagger, \$1 per 1,000. E. A. Beaven, Evergreen, Ala.

Ferns—Boston ferns, young plants, \$10 per 1,000. Soar Bros., Little River, Florida.

Ferns—Boston ferns, fine No. 1 stock, from 2 1/2-in. to 10-in.; standard prices. Geo. A. Kuhl, Pekin, Ill.

Ferns—Boston ferns, in large quantities. L. H. Foster Estate, Dorchester, Mass.

Ferns—Boston, fine, 5-in., \$20 per 100. Ludvig Mosbaek, Onarga, Ill.

Ferns—Boston ferns, 5-in., 30c each. Geo. M. Emmons, Newton, N. J.

Ferns—Boston ferns, \$4 per 100. Charles C. Navlet Co., Inc., San Jose, Cal.

Ferns—Piersoni ferns ready for 4, 5 and 6-in. pots, \$12.50, \$15 and \$20 per 100. Baur Floral Co., Erie, Pa.

Ferns—Piersoni, 3-in., 10c; Scottii, 6-in., \$1. 2 1/2-in., 20c; Boston, 2 1/2-in., 4c. Benjamin Connell, West Grove, Pa.

Feverfew—Gem, 2-in., \$2 per 100; G. feverfew, 60c per 100. Byer Bros., Chambersburg, Pa.

Ficus Elastica—Imported, 4-in. pots, \$25 per 100. Godfrey Aschmann, 1012 Ontario St., Philadelphia.

Fuchsia—Five kinds, R. C., 75c per 100; 2-in., \$2 per 100. Byer Bros., Chambersburg, Pa.

Fuchsias—In var., 3-in., \$5; 2 1/2-in., \$2.50 per 100. Cash with order. Ludvig Mosbaek, Onarga, Ill.

Fuchsias—E. G. Hill, Phenomenal, \$4 per 100; mixed, \$3 per 100; Snoray, \$1 per doz. I. N. Kramer & Son, Cedar Rapids, Ia.

Gardenias—Gardenia plants and jessamine, our leading specialty. Natural growing conditions here ideal. 1 yr., 18-24-in., \$1.50 per doz.; \$10 per 100. C. W. Benson, Alvin, Tex.

Genista Fragrans—2 1/2-in., 75c per doz., \$5 per 100. Conard & Jones Co., West Grove, Pa.

Geraniums—Mme. Buchner, 5,000, 2 1/2-in., \$2 per 100, \$18 per 1,000. W. T. Buckley Co., Springfield, Ill.

Geraniums—Novelties in full bloom, 4-in. pots, \$8 per 100; 2-in. pots, \$3 per 100. Henry Eichholz, Waynesboro, Pa.

Geraniums—Standard var., 4-in., \$10 per 100; Mme. Sallerol, 2-in., \$4 per 100. I. N. Kramer & Son, Cedar Rapids, Ia.

Geraniums—My selection, 3-in. pots, \$5 per 100. Jos. A. Cunningham, Delaware, O.

Geraniums—S. A. Nutt, Broant, Mme. Carnot, La Favorite, E. G. Hill, E. de Pottevine, J. Vlaud, 4-in., \$8 per 100; 3-in., \$5 per 100; 2 1/2-in., \$3 per 100. Mme. Sallerol, 2 1/2-in., \$2.50 per 100. Cation Greenhouse Co., Peoria, Ill.

Hollyhocks—Double field-grown, \$3 per 100. W. W. Wilmore, Denver, Col.

Hollyhocks—Dbl., separate colors, \$12 per 100; Allegheny mixed, \$12 per 100. I. N. Kramer & Son, Cedar Rapids, Ia.

Ivy—German ivy, 2 1/2-in., \$2 per 100. O. R. Hillis, Grand Rapids, Mich.

Ivy—Keelworth, 2 1/2-in., \$2.50 per 100. Cash with order. Ludvig Mosbaek, Onarga, Ill.

Ivy—Hardy ivy, 2 1/2-in. pots, \$4 per 100. Chas. A. Knaapp, Chestnut Hill, Pa.

Ivy—German, 2-in., \$2.50 per 100; English, vines, \$5 per 100. Geo. M. Emmons, Newton, N. J.

Japanese Plants—Tiny plants in 2 and 3-in. Japanese pots, \$15, \$20 and \$25 per 100. Hindoe Florist Co., Woodside, N. Y., and Whitestone, L. I., N. Y.

Jasmin Grandiflorum—Buds, good, but supply limited; experienced packer; 75c per 100; \$6.50 per 1,000. Capt. J. M. Weems, Alvin, Tex.

Orchids—Indian orchids, just arrived, fine condition: Dendrobium Wardianum, D. cras-tode, D. thyrsiflorum, D. Devonianum, Cypripeum Boxallii, Cymbidium Lowianum; also Cattleya Warneri, Laelia crisp and Oncidium varicosum Rogerall, Fred Varden, 26 Summerfield St., Fall River, Mass.

Orchids—Cattleya Aclaudiae, Oncidium sar-codes, perfect, leafy importations just arrived. Stanley & Co., Southgate, England.

Orchids—Largest growers, importers, exporters and hybridists in the world. Sander, St. Albans, England.

Orchids—Cattleya lablata, C. Warneri, C. Dowiana, Laelia flava, Miltonia candida, Dendrobium chrysothoux, Burlingtonia fragrans, Lager & Hurrell, Summit, N. J.

Orchids—Cattleya Schroederae, Cattleya Tri-aage, Dendrobium nobile, Al condition, recent importations. Julius Roehrs Co., Rutherford, N. J.

Palms—In large quantities. L. H. Foster Estate, Dorchester, Mass.

Palms, Etc.—Growers and importers, palms and ferns; decorative plants. Geo. Witthold Co., 1657 Buckingham Place, Chicago.

Palms, Etc.—Palms, ferns and decorative plants. John Burton, Assignee for Robert Craig & Son, Market and 49th Sts., Philadelphia.

Palms, Etc.—Kentia Belmoreana and Kentia Forsteriana, Joseph Heacock, Wyncote, Pa.

Palms, Etc.—Palms, ferns and decorative plants. R. Dreyer, Woodside, L. I., N. Y.

Palms—Latania borbonica and Kentia Belmoreana, Sherman Nursery Co., Charles City, Ia.

Palms—K. Forsteriana, 4-yr. old, 75c to \$1; K. Belmoreana, 4-yr. old., \$1 each. Godfrey Aschmann, 1012 Ontario St., Philadelphia.

Pansies—100,000 now in bloom, extra large field-grown plants; they are the kind that sell; \$2 per 100, \$20 per 1,000; seedlings \$3 per 1,000. A. A. Sawyer, 22 S. Harlem Ave., Oak Park, Ill.

Pansies—Extra fine stock in bud and bloom, \$1.25 per 100, \$12 per 1,000. Park Floral Co., Grand Rapids, Mich.

Pansies—Cold frame plants. Jennings strain, \$1.50 per 100. E. B. Jennings, Southport, Conn.

Pansies—Giant fl. plants in bloom, \$2.50 per 100. I. N. Kramer & Son, Cedar Rapids, Ia.

Pansies—300,000 splendid mix., in bloom, per 1,000, \$12.50, \$10, \$8.50, according to size, sample free; white, blue, black, purple, yellow, separate colors, trans., \$1 per 100. Ludvig Mosbaek, Onarga, Ill.

Pansies—Seed of Roemer's superb prize pansies, Highest award Internat. Exhibit, Dusseldorf, 1904. Fred Roemer, Quedlinburg, Germany.

Parlorgoniums—Fine stock, 4-in., 12 1/2c each. Cation Greenhouse Co., cor. 5th Ave. and Elliott St., Peoria, Ill.

Ponies—Specialists in ponies. Cottage Gardens Co., Inc., Queens, L. I., N. Y.

If you do not find what you need in our Ready Reference Department, write us about it.

Ventilators—We furnish high grade ventilating apparatus, raising the sashea in greenhouses and other buildings. Lord & Burnham Co., 1133 Broadway, N. Y. General office and works, Irvington-on-Hudson, N. Y.

Ventilators—The New Departure ventilating appliance, cheapest and best. If you doubt, try it and be convinced. J. D. Carmody, Evansville, Ind.

Ventilating Apparatus—Send for circulars. Miller, Caskey & Co., Cor. 6th and Berk Sts., Philadelphia.

Ventilators—Evans' Improved Challenge ventilating apparatus. Quaker City Machine Works, Richmond, Ind.

Ventilators—The Standard ventilating machinery; original machine with self-ollug cups; most powerful, least complicated, very compact. E. Hippard, Youngstown, O.

Ventilators—Hand ventilators, etc. The King Construction Co., N. Tonawanda, N. Y.

Late Advertising Changes.

In the Ready Reference Advertising Department omit the following:

Poehlmann Brothers, Morton Grove, Ill. All rooted cuttings of carnations and plants of Liberty rose.

Washington.

SATISFACTORY MARKET.

Though the trade of the past week was not up to the weeks of the railway congress, nearly all of the retailers were quite busy. The commencement exercises of the various educational institutions have begun; there have been dinners and weddings, and the inevitable funeral work has been a leading feature in several stores. There is an abundance of good stock and inferior grades receive but scant attention. Peonies are coming in quite freely and retail at from \$1.50 to \$3 per dozen, and in decorative work are crowding roses to some extent. Gladioli are moving freely at \$1.50 to \$2.50 per dozen. Carnations are of good quality for the season and there will be an abundant supply for Decoration day. From present indications the supply of cut flowers and flowering plants will be so abundant that only perverted tastes will desecrate graves with dry and tinsel rubbish.

NOTES.

George Westinghouse and wife were most lavish in the decorations for the numerous entertainments they gave in honor of the railway men. There was a dinner, a reception or a luncheon at the Westinghouse home on each day of the congress. A force of decorators from J. H. Small & Sons were on constant duty, and many of their creations were marvels of skill and beauty. For a reception on May to a large marquee was erected on the lawn for refreshments and dancing. This was connected with the veranda by a covered passage. The profusion of cut flowers and flowering shrubbery throughout recalled the tales of old Chios, when shiploads of flowers lent splendor to the feasts. At the Westinghouse pavilion on the exposition grounds there were also profuse decorations in plants and cut flowers.

It is doubtful if a greater number of floral tributes were ever seen at a funeral in this city than at that of Wallace H. Hills, chief clerk of the United States Treasury, who died recently in New Mexico while there on official business. It seemed that the entire treasury force, from high officials to the laboring men and women, sent some token of their esteem for Mr. Hills.

George Shaffer has been doing fine decorative work at the Japanese embassy, where Minister Takahira has been entertaining distinguished visitors from home. Washingtonians, the florists

in particular, cannot be persuaded that there is any "yellow peril," while the genial and lovable Kogoro Takahira is with them.

George H. Cooke had an innovation in table decorations at a dinner given at the Stuyvesant Fish home on the closing day of the railway congress. It consisted of a number of large wire umbrellas covered with pink sweet peas. Mr. Cooke is now showing a fine line of hydrangeas grown by Peterson of Cincinnati.

Fred Miller, decorator with A. Gude & Brother, has accepted a position with the United States government's horticultural exhibit at the Lewis and Clark exposition, Portland, Ore., and has departed for that city. Fred has been with the Gudes for fifteen years and is highly esteemed by the firm and its employees.

Carnation planting from pots to benches is now well advanced in the greenhouses of the Department of Agriculture. All the new varieties are represented. Of the new white, Lieutenant Peary, there is a very promising lot of young plants.

John Robertson is filling a large order for window boxes for one of the fine homes near Dupont Circle. The boxes, twenty in number, are made of galvanized iron and are being filled with the best stock on the market.

In Judge Kimball's court, May 10, James O'Neil was found guilty of the wanton destruction of plants on the premises of Monroe G. Chew. His punishment was fixed at \$20 fine or sixty days in the workhouse.

J. R. Freeman's force has been quite busy with decorative works in the pavilions on the exposition grounds. Mr. Freeman's large stock of bay trees and other decorative plants was very suitable for that purpose.

Adolphus Gude, W. F. Gude and George Shaffer went down the Potomac on the board of trade excursion and shadbake May 20, and have been coughing up bones ever since.

Z. D. Blackstone has been doing some fine work in the line of wedding decorations. He is now handling cattlevas grown by George Field, that are worthy to grace any occasion.

Miss Jennie Davidson, sister of Mrs. A. B. Garden, who for several years was connected with the florist business in this city, has gone for a visit to the old home in Scotland.

Vice President Fairbanks, Secretary of the Navy Paul Morton and others gave dinners, for which elaborate decorations were executed by Z. D. Blackstone.

At the stores of J. Louis Loose and Wallace W. Kimmel very attractive window boxes were recently noticed.

Robert McLennan will leave June 1 for a two months' visit in the British Isles.

Christian Schellhorn is about to install a steam heating system in his range.

G. W. Oliver has gone for a six weeks' visit to the Pacific coast.

Professor Galloway has just returned from a visit to the southwest.

S. E.

Baltimore.

MARKET GENERALLY DULL.

The week's weather included several heavy downpours of rain, a sudden and marked decline in temperature, and two slight frosts, which do not seem, however, to have done any great dam-

age. On May 20 the thermometer marked 35 degrees, and May 21 the mercury was 9 degrees below the average of the date for many years. The week was one of general dullness, although there were some favorable breaks. It was horse show week and there were a number of dinners with consequent demands for decorations. On May 18 a new city council went in and there were numerous floral tributes to the incoming members from admiring friends and constituents, and there was a widespread demand on Saturday for flowers for the May procession in many of the Catholic churches. School commencements are on, and from now until the middle of June they will make up the principal demand for cut flowers, though Memorial day is growing in importance here as a florists' day. The quality of the roses sent in naturally depreciates and a great many benches will soon be pulled out. Carnations also are growing smaller. Green stuff continues in fair demand.

S. B.

Los Angeles, Cal.

A flower show, or more properly speaking, an exhibition of sprays and branches of many rare and standard flowering and foliage plants and shrubs, was held in the Masonic Temple May 12 to 13. There was also a good variety of potted plants and ferns. P. D. Barnhart, formerly of Pittsburg, is to be credited with much unselfish work in originating, and enlisting the trade in the display. The object, as stated by him, being: "A time and place when and where the flowers, fruit and foliage of the trees, vines, shrubs and herbaceous plants as they grow in this part of the state, may be studied by the scientist, the enthusiastic amateur and the commercial grower. Where those who wish to beautify the city lot, or the larger tracts of the suburban home, may learn the names, the habits and character of those things best suited to their tastes and locations."

While the collections were creditable, the manner of displaying was disappointing. Some time the trade here will surely take hold of such matters and carry them out with a more liberal hand in the way of installation and like details, and then the public will respond.

The newspapers were more than liberal in the space and illustrations they gave the show.

These growers made exhibits: Germain Seed Company, Figueroa Nursery, John Getz, Pacific Nursery Company, E. H. Rust, Golden State Plant Company, Rees & Compere, Euclid Heights Rose Farm, Ethel Lord, J. Scott Way, Mrs. C. Hartje and the gardeners of the following named amateur growers: Walter Newhall, John Singleton, Homer Laughlin, W. C. Patterson, the Girls' Collegiate School and Eben Smith.

SYRACUSE, N. Y.—Last year's efforts of the local florists to charge for bedding by the piece, labor by the hour, soil by the foot and plants according to the number used resulted in failure.

NEW LONDON, CONN.—The New London County Horticultural Society held its regular meeting May 3, J. L. M. Farquhar, of Boston, Mass., delivered a lecture on "Gardens of Japan," illustrated by a stereopticon from views he had taken personally.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

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No. 887

THE AMERICAN FLORIST

TWENTIETH YEAR.

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—J. C. VAUGHAN, Chicago, president; J. R. FREEMAN, Washington, D. C., vice-president; Wm. J. STEWART, 11 Hamilton Place, Room 11, Boston, Mass., secretary; H. B. BEATTY, Oil City, Pa., treasurer. Twenty-first annual meeting at Washington, D. C., August 15-18, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention and exhibition at Boston, 1906. PETER FISHER, Ellis, Mass., president; ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., March, 1906. ALEX. MONTGOMERY, Natick, Mass., president; Wm. J. STEWART, 11 Hamilton Place, Boston, Mass., secretary.

AMERICAN PEONY SOCIETY.

Exhibition at Chicago June 16-17. C. W. WARD, Queens, N. Y., president; ARTHUR H. FEWKES, Newton Highlands, Mass., secretary; J. B. DEAMUD, 51 Wabash Avenue, Chicago, exhibition manager.

Herbaceous Plant Notes.

The herbaceous borders are a great attraction at present, such a wealth of bloom in all colors and shades, such a great variety of form in foliage and flowers are represented. Low-creeping phloxes cover the ground with a carpet of white, pink and pale lilac; the trailing *Veronica saxatilis* and *V. Grievei*, only three to four inches high, form a dense mass of blue. *Alyssum alpestre*, *A. serpyllifolium* and *A. reptans*, the dwarf and the taller species of *trollius*, *doronicum*, *Vesicaria utriculata*, *Corydalis lutea*, the dwarf *Iris Chamæris* and some of the alpine hybrid irises furnish all the shades of yellow, while we have the white in the evergreen *iberises*, *arabis*, *Anemone sylvestris*, *cerastiums*, *Stellaria Holostea*, and in a host of other equally good things.

Viola cornuta, the white and blue varieties, have been in flower for weeks past and we may expect to see them in good form all summer long. *Veronica Grievei* is the earliest veronica of all with us. Two weeks later it is followed by *V. Chamædryis*, which began to bloom ten or twelve days ago. *Polemonium Richardsonii* beats *P. reptans* for earliness by almost two weeks and its large saucer-shaped flowers are of a deeper, purer hue than those of the latter. The rest of the species are just now beginning to open their first flowers.

Trolliuses are at their best toward the end of May and during the first part of June. *T. Japonicus fl. pl.* is the richest and deepest colored of all and the dwarf *T. patulus* has the palest shade of straw color in the family.

The early large flowering *aquilegias* are out in grand style. *A. glandulosa*, *A. cœrulea* and *A. flabellata* are real beauties, the latter being the first to open its waxy substantial flowers, ten or twelve days ahead of the rest.

Papaver nudicaule, white, yellow and orange, began their blooming season some days ago. No other poppy is a more persistent bloomer, continuing uninterruptedly from spring to very late in the fall. The pretty *Mertensia Virginia* sends up its first racemes about the first week in May and now (May 22) *M. Sibirica*, with the same graceful, drooping, tubular bells in clustered terminal racemes, is anxious to take its place.

Dodecatheon *Meadia* in variety, white or pink blush, in *D. Meadia elegans* a darker shade, are sending up great,

stout, many-flowered stems. *D. integrifolium* has the same habit, but the flowers are of the warmest, dark carmine-rose. *D. Jeffreyanum* is the tallest and strongest grower of all, attaining a height of one and one-half to two feet. The flowers are blush white or light rose.

The dodecatheons are easily grown when planted in a place where the hot mid-day sun does not strike them fully. There the plants gain in size and vigor with every succeeding year, provided they are left undisturbed, forming additional crowns each season and blooming more abundantly every spring, but in a commercial place such fine clumps are rarely to be found, because, to keep up stock, plants are divided and cut up too frequently. Although these plants might be propagated from seed, this latter method is rather slow and tedious work, while a single crown separated from a clump will produce a salable plant inside of one season.

A row of *Iris cristata* is very fine at present. Many hundreds of delicate, pale lilac-blue flowers, with clear, golden yellow crests, spring up just above the short glaucous foliage so as to almost completely hide it from view. It is one of the prettiest dwarf irises and succeeds almost anywhere.

German irises are opening their first flowers and in about a week or ten days the whole of this large section of irises will show at least a few fully expanded flowers, even on the later varieties, though the middle of June is considered usually to be the height of their season in our climate.

Florists should grow more of these gorgeous flowers, as they are always in demand as long as the limited supply may last. They are excellent keepers and when once planted are there forever with hardly any care at all. There is more money in an acre of German irises than in the same stretch of ground planted to peonies, because one can cut such great quantities of long stems without injuring the stock when the plants are once fairly under way. K.

Nicotiana Sanderae.

Nicotiana Sanderae is now in flower in several greenhouses, and it is universally conceded that nothing too good can be said of it. It is really a beautiful thing with its brilliant flowers brightening everything near it. It will be used as a greenhouse plant, a bed-

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to
906.

ding plant and for planting to cut from exclusively. One thing, however, that is already noticeable about it is that the flowers are a brighter red when the plants are grown in a moderate temperature, a fact that still further adds to its value as a plant to be universally grown, because it will therefore thrive better in the open ground in the summer. Those wishing to have a constant supply of *Nicotiana Sanderæ* should sow some more seed, for the reason that as it seems to be a persistent bloomer from the start, the plants may get played out before the end of the season. Thus a succession of seed sowing will insure a succession of blooming plants.

M.

Prunus Davidiana.

Prunus Davidiana is the earliest amongst the flowering peaches, almonds and plums to blossom. We have known it to flower towards the end of March in a mild early spring in Rochester. Normally it comes into flower from April 8 to 15. The white flowers, occasionally pink, are borne in great profusion and are quite showy. It grows into a small tree fifteen to eighteen feet in height, with a somewhat loose, thin head. The bark, stems and general appearance of the tree have a strong resemblance to the nectarine, but the fruit, which the writer has never seen, as it does not fruit here, at least not to my knowledge, is said to have all the character of the peach, but entirely without its odor.

Prunus Davidiana was discovered by the Abbe David (who introduced a great many plants to cultivation from China) over thirty years since in the mountains near Peking. It is perfectly hardy and seems to do well in heavy or light soil. The natural habit can be much improved by pruning—that is, by shortening back the branches for the first few years after it is planted.

JOHN DUNBAR.

Nitrogen-Fixing Bacteria.

[In answer to many correspondents, we reprint the following, by A. F. Woods, just issued in the form of a bulletin by the Bureau of Plant Industry, of the United States Department of Agriculture.]

The publication of the results obtained with pure cultures in inoculating leguminous plants has resulted in a very great demand being made upon the Department of Agriculture for inoculating material. The distribution made during 1904 was for the purpose of obtaining a large number of tests of the method under average farm conditions, and it was impossible to anticipate the demand which has arisen this spring (1905), the total quantity prepared for spring distribution having been promised early in February. It is expected, however, that this fall and next spring a further distribution will be made as far as our limited facilities will permit. Statements to the effect that the department has stopped the distribution of these cultures are therefore erroneous. Applications for future distributions should state what legume is to be sown, time of sowing and quantity of seed to be treated.

COMMERCIAL PRODUCTION OF CULTURES.

The patent which the Department of Agriculture holds upon the method of growing and distributing these organisms was taken out in such a way that no one can maintain a monopoly of the manufacture of such cultures. It is held

in the name of Dr. George T. Moore, who developed and perfected the method, as described in former publications. Upon application the department furnishes without discrimination all necessary information, and as far as possible "starting" or foundation cultures, to the bacteriologists representing experiment stations and commercial concerns which claim to be properly equipped, but it does not in any way guarantee their product. It is not likely that persons without expert knowledge can successfully multiply cultures of these organisms for sale or distribution, and it is understood that any cultures furnished are to be treated according to the methods devised by the department.

Before experimenting with any bacterial preparations for legumes, the farmer should study thoroughly the soil conditions under which the use of cultures offers any possibility of gain.

Briefly, these conditions may be summed up as follows:

WHEN INOCULATION IS NECESSARY.

Inoculation is necessary—

- (1) On a soil low in organic matter



The Late W. S. Davis.

(See obituary, page 879)

that has not previously borne leguminous crops.

(2) If the legumes previously grown on the same land were devoid of nodules, or "nitrogen knots," showing the need for supplying the nodule-forming bacteria.

(3) When the legume to be sown belongs to a species not closely related to one previously grown on the same soil. For instance, soil in which red clover forms nodules will often fail to produce nodules on alfalfa when sown with alfalfa for the first time.

INOCULATION MAY BE ADVANTAGEOUS.

Inoculation may prove advantageous—
(1) When the soil produces a sickly growth of legumes, even though their roots show some nodules.

If the cultures introduced are of the highest virility, their use will often result in a more vigorous growth.

(2) When a leguminous crop already sown has made a stand, but gives evidence of failing, due to the absence of root nodules.

The use of the culture liquid as a

spray or by mixture with soil and top-dressing may save the stand if other conditions are favorable.

WHEN INOCULATION IS UNNECESSARY.

On the other hand, inoculation is unnecessary and offers little prospect of gain—

(1) Where the leguminous crops usually grown are producing up to the average and the roots show nodules in normal abundance.

Cultures of nitrogen-fixing bacteria are not to be regarded in the light of fertilizers, increasing yields under all average conditions. They do not contain the nitrogen itself, but the bacteria make it possible for the legumes to secure nitrogen from the air (through the formation of root nodules), and where the soil is already adequately supplied with these bacteria it will not usually pay to practice any form of artificial inoculation.

(2) When the soil is already rich in nitrogen.

It is neither necessary nor profitable to inoculate a soil rich in nitrogen when sowing legumes. Not only does the available nitrogen in the soil render the formation of nodules less necessary, but nitrogenous materials in the soil largely prevent the bacteria from forming nodules.

Any increased virility in nitrogen-fixing power possessed by any types of bacteria yet distributed may be rapidly lost in a soil containing an abundance of nitrogen, because the bacteria are rapidly multiplying in a medium in which there is no premium on vigor in securing atmospheric nitrogen.

WHEN FAILURE IS TO BE EXPECTED.

Inoculation will fail where other conditions (aside from the need of bacteria) are not taken into account, as the following:

(1) In soil that is acid and in need of lime.

Liming to correct acidity is as important for the proper activity of the bacteria as for the growth of the plants.

(2) In soil that responds in a marked way to fertilizers, such as potash, phosphoric acid or lime.

The activity of the bacteria in securing nitrogen from the air and rendering it available to the legumes does not do away with the need for such fertilizing elements as potash and phosphorus.

(3) It must also be remembered that inoculation does not "act like magic"; it will not overcome results due to bad seed, improper preparation and cultivation of ground, and decidedly adverse conditions of weather or climate.

In the use of cultures also failure is almost certain where the directions are not carefully studied and intelligently followed.

(4) As the physics, the chemistry and the biology of soils are studied in the laboratory and by means of actual field-plot trials to determine yield and quality of crops and the effect of one crop on the following crops, the very great complexity of soil and farm management becomes more manifest.

The value of pure-bred bacteria, whether associated with the crop or existing independently in the soil, as is true of fertilizers, can not be predicted with certainty on any soil without trial. Success on similar near-by lands may be taken as good evidence. But, unlike fertilizers, bacteria should in time be so inexpensive that each farmer can afford to try them for each leguminous crop on each field or soil type on his farm. The

methods of distributing in dried form and the easy methods of multiplying on the farm in sufficient quantities to inoculate fields will make it possible to have all fields inoculated at all times.

COST OF CULTURES.

The question of the proper price for the commercial product is causing considerable inquiry among prospective experimenters and is of importance. The expenses which a commercial concern must necessarily meet, such as rent, heat, light, insurance, postage, advertising, etc., aside from laboratory assistance and clerical hire, make any comparison with the cost to the government of similar cultures difficult. The statement that the cultures cost but a few cents an acre refers only to the raw materials which make up the package. It is more than probable that natural competition will considerably reduce the present valuation of the commercial product, and the wisdom of patenting the department's methods to prevent the forming of a monopoly is already demonstrated.

INCREASING CULTURES.

We are receiving numerous requests from persons who have secured commercial cultures, as well as those sent out from the Department of Agriculture, for information as to the methods employed in producing a large quantity of liquid culture from the dry culture secured as a starter; that is, how to make an "acre culture" do for twenty-five or 100 acres. Such methods will give good results only when special precautions are taken, and on this account have not been generally recommended. The contaminations, such as yeasts, molds, etc., which are bound to occur to a greater or less extent, are apt to take possession of the culture solution in which the bacteria are being multiplied, and unless great care is taken in thoroughly sterilizing all utensils employed the resulting culture will have no beneficial effect. The extra time required to secure sufficient growth of bacteria in ten gallons of solution from a dry culture originally intended to produce a 1-gallon liquid culture makes the risk from contamination much greater than where the dry culture is proportioned size to the larger amount of solution. If a growth sufficient to cloud the solution takes place within two days, the chances of securing an efficient culture are much better than where a longer time is taken; so that the volume of solution prepared should never exceed the actual requirements of the occasion.

The following directions are based on making ten gallons of liquid culture, sufficient to inoculate twenty bushels of seed. By a little computation the directions may be adapted to five gallons or to any intermediate quantities.

PREPARING THE CULTURE.

To prepare the culture solution, first select the tub, bucket or other vessel in which you wish to grow the bacteria. Clean and scald it out thoroughly. For making the culture solution, rain water that has been thoroughly boiled and allowed to cool is best, though any good drinking water will answer. Add to ten gallons of water twelve ounces of either brown or granulated (preferably granulated) sugar, one and one-half ounces of potassium phosphate (monobasic), which can be obtained at any drug store, and one-sixteenth ounce (thirty grains) of magnesium sulphate. Stir until dissolved, then carefully open the small package containing the bacteria-laden cotton and



PRUNUS DAVIDIANA AT KEW, ENG.

drop the cotton into the solution. Do not handle any more than is absolutely necessary. Cover the tub with a moist, clean cloth to protect from dust, mold spores, etc. Keep in a warm place, but never let the temperature rise above blood heat. After twenty-four hours add six ounces of ammonium phosphate and allow the mixture to stand for another twenty-four hours. The liquid should now be cloudy and ready for use; if sufficient growth has not taken place to bring about this cloudiness, further time should be given, not to exceed a few days.

To INOCULATE SEED.—Use enough culture liquid to moisten the seed thoroughly—about one-half of a gallon per bushel. This inoculating may be done either in a tub or trough or by sprinkling the culture liquid on the seed on a clean floor and stirring and turning the heaps of seed with shovels until all are thoroughly moistened. After inoculation the seed should be spread out in a clean, shady place until sufficiently dry to handle. If planting is not to be done

at once, the seed must be thoroughly dried to prevent molding. In dry weather about twenty-five bushels can be dried in half a day on 300 square feet of floor space. To do this there must be several open windows or doors to allow a free circulation of air, and the seed must be frequently stirred with a lawn rake. The inoculated seed, if thoroughly dried, may usually be kept without deterioration for several months.

To INOCULATE SOIL.—Take enough dry earth or sand so that the solution will merely moisten it. The soil should be preferably from the field to be inoculated, so as to avoid spreading diseases or weeds. Mix thoroughly, so that all the particles of soil are moistened. Thoroughly mix this earth with four or five times as much; spread this inoculated soil thinly and evenly over the prepared ground exactly as if spreading fertilizer. The inoculated soil should be harrowed in immediately to protect the bacteria from sunlight. In using this method allow one gallon of the liquid culture to four acres or less.

Either of the methods described may be used, as may be most convenient.

To prevent any possible delay, the necessary chemicals should be ordered in advance. If the local druggist does not have them in stock, he can doubtless secure them within a reasonable time.

KEEPING CULTURES.

The question is frequently arising as to the possibility of the farmer's keeping over cultures from one year to another by soaking up a little of the liquid culture in cotton and drying this cotton. This proposed practice is not to be advised in any case. Contaminations take place so readily, and once started spread so rapidly, that for assured good results it is absolutely necessary to start with a pure culture. The pure culture, moreover, can only be prepared by a trained bacteriologist with laboratory facilities. These cultures in the dry state will keep, under ordinary conditions, from six months to a year.

There is an additional reason, fully as important, which makes the above method impracticable. The cultivation of the bacteria for any considerable length of time in solutions containing ammonium salts rapidly lessens their infective power and their ability to gather nitrogen from the air, so that transfers or new cultures made with absorbent cotton from the cultures prepared for field use would contain organisms of reduced efficiency. It is partly owing to these factors that it is impracticable to distribute the bacteria in liquid cultures and maintain the requisite effectiveness.

In the use of cultures for inoculating soil the farmer should be guided, as in all other matters pertaining to soil treatment, by his own peculiar needs and should not give too great weight to the experiences of others whose soil conditions may differ widely. It would be unwise to invest largely in any new method for increasing plant growth, whether bacterial or of any other nature, without previously experimenting in a small way.

INOCULATION BY SOIL TRANSFER.

Satisfactory inoculations have been obtained by transferring soil from old fields on which the legume has been grown, but experience has shown that there are dangers incident to such methods of soil transfer which it is wise to avoid.

The source of supply of such soil should be very definitely known, and in no case should soil be used from fields which have previously borne any crops affected with a fungous disease, a bacterial disease or with nematodes. Where a rotation of crops is practiced, it is often difficult to make sure of this factor, so that the method of soil transfer is, under average circumstances, open to suspicion, if not to positive objection. Numerous animal and plant parasites live in the soil for years, and are already established in so many localities that it is manifestly unwise to ship soil indiscriminately from one portion of the country to another.

The bacterial diseases of the tomato, potato and eggplant, and the club-root, brown-rot and wilt disease of the cabbage, all more or less widely distributed, are readily transmitted in the soil; while in the south and west there are the wilt diseases of cotton, melons, sweet potatoes, cowpeas and flax, and various nematoid and root-rot diseases which might easily become a serious menace over areas much larger than they now occupy if deliberately spread by the careless use of soil for inoculation purposes. There are several insect and fungous diseases of clover to be avoided, and various diseases of beans and peas. There is also a disease of alfalfa, the "leaf spot," which is causing damage in some regions. These are only a few of many diseases liable to be transmitted in soils. The farmer should therefore be on his guard. The danger from such sources is by no means imaginary. The Department of Agriculture has had specific cases of such accidental distribution reported, and if the business of selling soil for inoculation is made to flourish by farmers purchasing without question "alfalfa soil," "cowpea soil," etc., there is every reason to believe that experience will demonstrate the folly of such haphazard methods.

Of scarcely less importance is the danger of disseminating noxious weeds and insect pests through this plan of inoculation by means of soils. Even though weeds may not have been serious in the first field, the great numbers of dormant seeds requiring but a slight change in surroundings to produce germination are always a menace. The enormous damage to crops caused by introduced insects and weeds should convey a warning and lead to caution. It is not the

part of good judgment to view the risk as a slight one justified by the end in view.

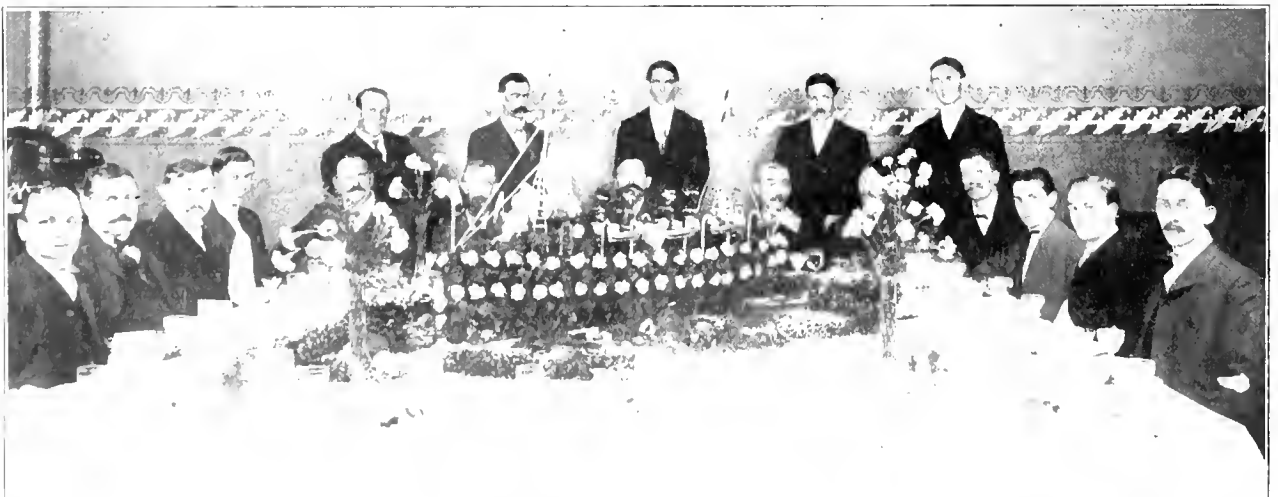
PURE-CULTURE INOCULATION.

The extensive experiments carried on by the Department of Agriculture during 1904 demonstrated the fact that, by the proper use of pure cultures, the nodule bacteria are actually carried into the soil in such a way as to form root nodules, and where other conditions are favorable the inoculation thus brought about makes possible the growth of each legume in soils where it had previously failed from the lack of bacteria. The original cultures used, however, must be prepared with the utmost care and with a view to preserving and increasing their natural power as "nitrogen fixers" rather than merely to make them grow under favorable conditions. The methods devised in our laboratory of Plant Physiology are based on well-recognized principles of plant breeding and selection, and mark a decided advance in the production of cultures for soil inoculation.

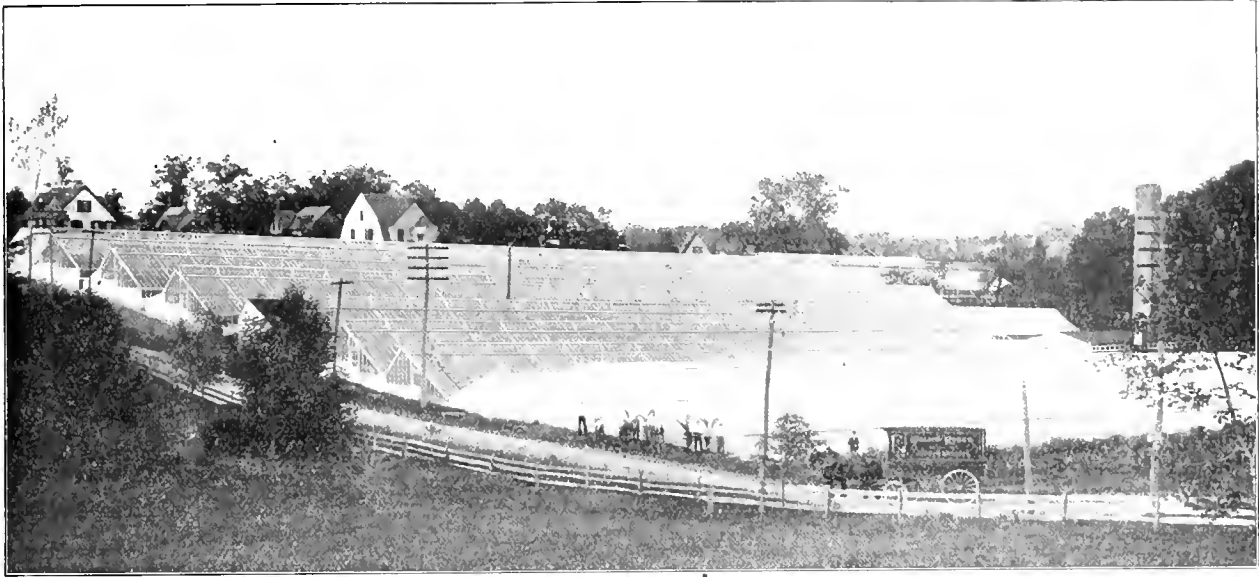
The Department of Agriculture is continuing the work of developing types of the bacteria associated with leguminous plants, which will have greater activity, collecting from the air more nitrogen per acre than forms now common in nature or available from laboratories. It is desirable that similar investigations should be conducted with reference to the nitrogen-fixing bacteria existing in the soil independent of the legumes. Important steps have already been taken along this line, but the very large demand for cultures for leguminous crops, by consuming the time of the laboratory force, has seriously retarded these investigations during the past year.

The department is ready to cooperate with experiment stations and commercial firms, to give and to receive suggestions, to test the product of others and to furnish, as far as possible, cultures to be tested in the laboratory and under field conditions.

There is nothing in the nature of the processes involved which would prevent a competent bacteriologist, after some experience in this particular field, from producing cultures of as high a grade as those sent out by the department, and every assistance will be given to competent persons desiring to undertake the work.



AT THE BANQUET TENDERED F. C. WEBER AND T. MILLER BY ST. LOUIS FLORISTS.
(See Weber and Miller banquet, page 873.)



THE ESTABLISHMENT OF JOSEPH HEACOCK, WYNCOTE, PA.

WITH THE GROWERS

Joseph Heacock, Wyncote, Pa.

Joseph Heacock's kentia farm is well worth a visit at any time of year and in the last week of May I found it as attractive as ever. There is one feature about a well conducted establishment of this kind and that is that it always seems full of stock. There may not be just the size desired, but the houses always appear full and the stock complete. As fast as a larger size is sold out a lot of plants just ready for a shift, which have been waiting for more room, are potted up at once. An order for 1,500 6-inch pot plants, shipped two weeks ago, made no appreciable difference in the looks of the stock, which now appears to be as full as ever. All of Mr. Heacock's palms are home-grown, mostly from seed of his own sowing or selected from seedlings of other growers. They are never allowed to get a check from the time that each has a pot of its own, and it seems wonderful the growth they attain in a comparatively short time. From the seed pans or boxes they get a 2½-inch pot, then a 3 and successively a 4, 5 and 6 and from that to a 7-inch, and often when well bound in a 6-inch they jump a size to an 8-inch. Mr. Heacock believes in small shifts for young plants, as the kentia will not stand overfeeding. He believes that they should be allowed to get a trifle dry once in a while, and there is danger in too much water. Considerable space is left below the rim when potted for water, for as the plants grow they push themselves up until the soil is almost level with the top of the pot. The natural soil of his neighborhood, together with bone and considerable manure, well rotted, and some peat, seems to suit kentias especially, as no clearer or healthier stock can be seen anywhere.

The made-up stock is started in the 6-inch sizes and ranges up to 12 and 14-inch pots and tubs. These latter Mr. Heacock thinks have some advantage over pots, as the plants appear to do better in the tubs; just why he does not know, but in a block of 12-inch pots and tubs, planted at the same time from the

same stock and growing side by side, those in the tubs plainly showed the most vigor, the difference being quite marked. *Belmoreana* is mostly grown singly into as high as 9-inch pot specimens, and of these there are many beautiful plants to be seen. *K. Forsteriana* is mostly made up, a large center plant with three smaller around. Mr. Heacock does not like combinations of three plants of the same size; to him they are not nearly as beautiful as when the center plant is allowed to show the graceful lines of its individual leaves. He has added a few ferns to his stock and will soon have some nice *Scottii* and a line of the new *Nephrolepis Barrowsii*. This variety certainly looks a winner, even the young plants showing a symmetry and grace not generally found in such sizes.

Mr. Heacock's houses are exceptionally light and airy, they having been built for forcing roses, with which half the place is still occupied. The palm houses are coated with a solution of gasoline and white lead, which admits plenty of diffused light, yet keeps out the burning rays of the sun.

An electric pot-washing machine is found very useful, being a great labor saver. K.

Weber and Miller Banquet.

On May 26 a most enjoyable time was spent in the nature of a surprise party. About twenty of the leading florists, including the bowling club and flower show promoters, had arranged a banquet for Fred C. Weber and Theodore Miller, who left St. Louis Sunday, May 28, for their trip abroad, from which they expect to return about the middle of August, and as per agreement will meet the St. Louis delegation to the S. A. F. convention in Washington.

The committee in charge made preparations for an elegant banquet, decorating the table elaborately, in the center of which was a huge floral ocean liner, a representation of the Hamburg, on which Messrs. Weber and Miller will cross the Atlantic. The two gentlemen, having been led to believe that a flower show meeting was to be held in the Missouri Athletic Club hall, innocently

strolled up the marble steps of the elegant apartment, where to their great amazement they found themselves surrounded by a score of their best friends. After rendition of the first section of the menu, Emil Schray, the old reliable secretary, read the following resolution: "I move that in grateful acknowledgment of their services rendered as trustees of the florists' club and as promoters of the coming grand flower show

"Be it resolved, That we, the florists here assembled, extend to Messrs. Weber and Miller our best wishes for a pleasant journey and continued good health on their proposed trip abroad and return."

This was promptly and vigorously seconded by Charles Beyer and others, and after unanimous adoption of the same a rising toast was given. In due time it was announced that as a second surprise Mr. Miller would officiate as toastmaster for the evening and Mr. Weber would do honors as the principal speaker, which plan was elaborately carried out, as Mr. Weber spoke extensively on flower show topics, which proved to be extremely interesting, and Mr. Miller in his newly acquired capacity made a decided hit. The other speakers were C. C. Sanders, Charles Beyer, Emil Schray, Otto G. Koenig, F. H. Memhardt, E. W. Guy, G. B. Windler and H. Berning. Besides those already mentioned there were present: George H. Angermueller, J. F. Ammann, V. J. Gorley, A. Jablonsky, J. L. Koenig, C. A. Kuehn, H. Lohrenz, R. Thompson and Rudolph Windt.

The floral decorations were very creditably executed by Rudolph Windt, who was ably assisted by V. J. Gorly, and the supervision of the general arrangement was in the hands of Otto G. Koenig.

NYACK, N. Y.—R. C. Pye is starting to build some additional greenhouses, made necessary by his growing carnation cutting trade. He writes: "In digging the cellar here to-day we unearthed what I feel sure is a meteorite. It must weigh a ton or more, crumbles easily and is full of iron. It has been, evidently, in terrific heat, as it contains ashes. It was two feet in the ground."

THE RETAIL TRADE

A Recent Wedding Decoration.

The accompanying illustration shows wedding decorations executed by Z. D. Blackistone, Washington, D. C., at the home of the Alexanders, the occasion being the wedding of Mrs. Eva Russell Carter, a near relative of the Alexander family, to Henry Vauelin Bouie. Over 500 American Beauty roses and white peonies were used with a profusion of syringa, asparagus, etc. The bridal bouquet was of cattleyas and lily of the valley.

S. E.

Flowers In Churches.

Florists whose business includes the decoration of churches will be interested in what the Bishop of Worcester has to say on the subject. "Flowers," says the bishop, "should be used only on festivals; they should never be allowed to remain after they are withered; they should be voluntary offerings; there is no ecclesiastical reason why they should be put in brazen jars or tortured into unnatural shapes; there should not be too many of them; leaves or flowers should not be allowed to intrude themselves upon or near the ledge of the pulpit so as to interfere with the preacher's hands or books, or hinder the proper use of the font."

New York.

BUSINESS BELOW THE STANDARD.

The slight improvement in the cut flower market noted last week has been maintained, but the general condition of things should be better at this time of year. The demand for flowers for the holiday was hardly up to the average, although it was considered satisfactory. Many growers shipped large consignments on Tuesday morning, the bulk of which went to the ice box. Experience seems to be no teacher in this respect. Had much of this produce arrived on Monday it would have cleaned up without doubt. Of the run of flowers available for the holiday trade roses seemed to be less in demand. Peonies were plentiful and brought good prices. Snowballs, wistaria, deutzia and other cut shrubs were plentiful, and cleaned up, but prices varied to such an extent that it would be useless to record them. Lilies were in good demand and selected stock brought as high as 8 cents. Carnations sold freely, but no fancy prices were obtained. American Beauty roses in special grades advanced a point or two on Monday, but it could hardly be said that they were strong stock. Bride and Bridesmaid only exceeded last week's quotations in cases where specials were graded for a selected class. Killarney commands good prices and is fine in point of quality. Gladiolus, iris and cornflower are arriving in plenty and find buyers. Carnations are still very plentiful, but prices are fairly strong, particularly in the fancy sorts. Sweet peas on the whole are poor in quality, consequently when prime stock appears it commands good prices. Growers of peas seem to be a little careless in the makeup of their shipping packages, and the stock suffers in transit.

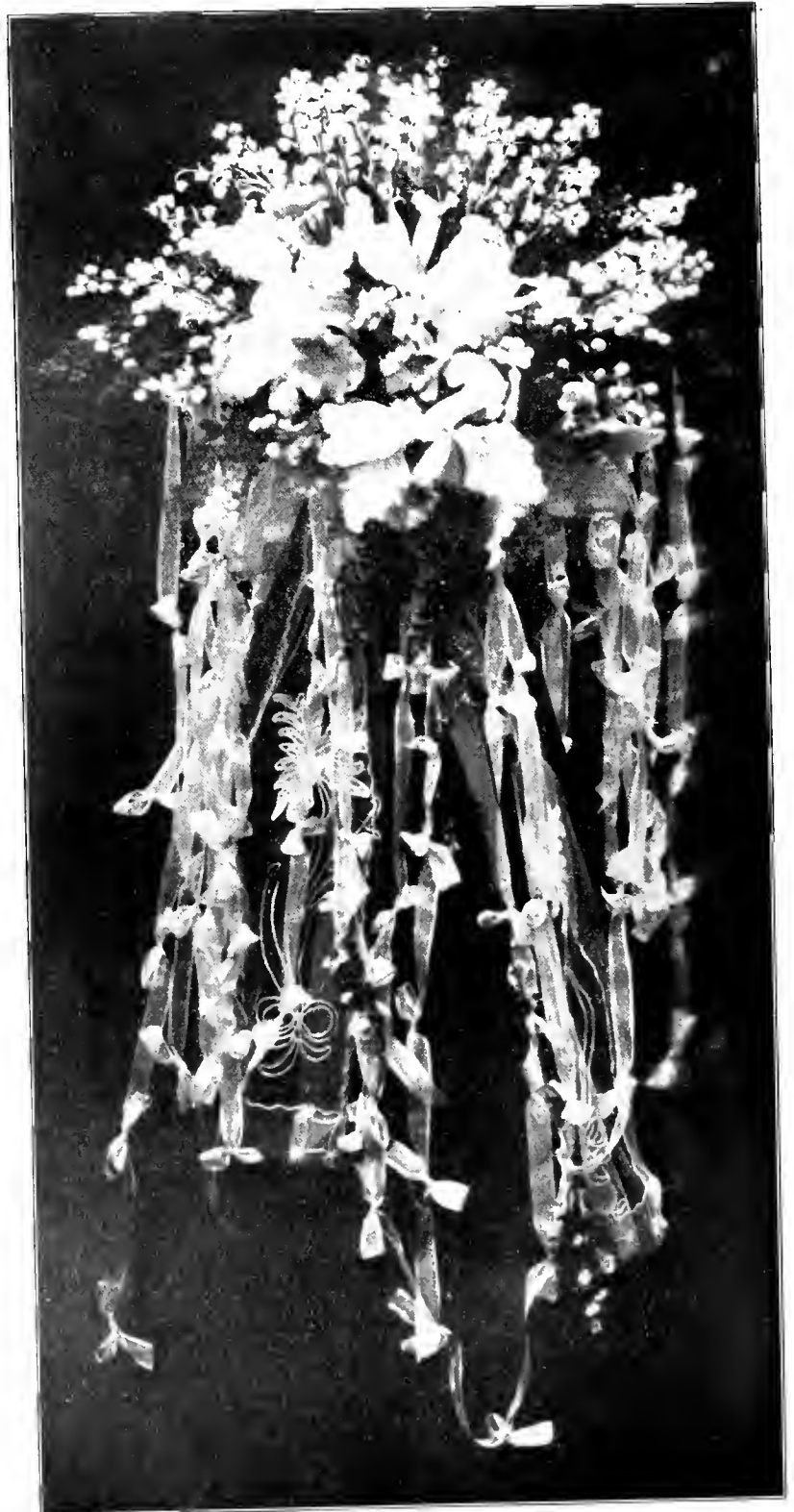
The Market, May 31.—The market is dragging to-day, but changes in prices are not pronounced.

NOTES OF THE DAY.

At a recent meeting of the board of managers of the New York Botanical Gardens the director in chief, Dr. N. L. Britton, was granted a leave of absence of six weeks to attend the second international botanical congress to be held in Vienna June 11 to 18. Dr. Britton sailed May 27 and will go direct to Paris. His itinerary includes visits to Geneva, Berlin, Kew and other European gardens to study their management.

Michael, also known as Charles, Rovatzos, of 44 West Twenty-ninth street, formerly a florist, has filed a petition in bankruptcy, with liabilities of \$5,368, to fifty-four creditors. Part of the debts were contracted as a partner in the firm of Rovatzos & Moltz in 1902 and 1903. Among the creditors are some prominent Twenty-eighth street wholesalers.

An exhibition under the auspices of the Horticultural Society of New York



BRIDAL BOUQUET OF CATTLEYS AND LILY OF THE VALLEY.
(Z. D. Blackistone, Washington, D. C., artist.)



A RECENT WEDDING DECORATION.

(By Z. D. Blackstone, Washington, D. C.)

will be held in the Museum building, Botanical Gardens, Bronx park, June 14 and 15. Prizes are offered for roses, cut flowers of trees and shrubs, perennials, etc. Professional and private growers are to be separately classed.

A new park, in the Thirty-second ward, to be known as Paerdegat park, to cost \$1,500,000, is a proposition for Brooklyn which is approaching realization, some strong aldermanic opposition to the project having yielded. Immediate action by the Flatbush local board is being urged.

August Hammerstein, a driver for Charles Kumpf, a Brooklyn florist, while driving at Eighteenth street and Second avenue on May 18, was run down by a Second avenue car. He was thrown to the ground, struck by a shower of flower pots and rendered unconscious.

The mayor has endorsed the resolution providing for the purchase of the contents of the greenhouses of the late Wm. A. Brown at Flatbush avenue and Clarkson street. The stock, which may aggregate \$7,750, is to be removed to Prospect park.

Henry Ridel, sixty years old, an employe of Hermann Warendorff, fell down the subway stairs at Twenty-eighth street and Fourth avenue last Saturday night and fractured his skull. It is expected he will recover.

The next meeting of the New York Florists' Club will be June 12 and will be peony night, closing the exhibitions for the season. Intending exhibitors should communicate with Secretary John Young.

William H. Donabue, for some time manager for Thomas Young, Jr., has gone into business on his own account as a retail florist at 2 West Twenty-ninth street.

John D. Lymber of Woodside, L. I., has obtained a judgment against Peter Kotsovasilis, the Willis avenue florist, for \$467 for produce supplied him.

The Woodside establishment of R. Dreyer has been emptied of stock and everything is now to be found at the Newtown establishment.

Frank L. Moore shipped to Moore, Hentz & Nash on Monday the largest cut of roses made in the history of his establishment.

Trepel & Company are a new firm to open a florists' store at Broadway and Willoughby avenue, Brooklyn.

J. F. Sullivan, of Detroit, Mich., was a visitor last week.

Louis Dupuy has sailed for Europe on his annual trip.

Chicago.

THE MARKET.

The past week has been a busy one, starting out with a fair business on Monday and Tuesday, and the latter part of the week everyone was rushed taking care of Memorial day orders. Receipts were a little light early in the week, but increased and were, of course, heavy on Friday, Saturday and Sunday. The prices of carnations stiffened up perceptibly, and the supply was not equal to the demand, the colored varieties being especially short. There were large

receipts of all kinds of roses, but the long stemmed American Beauty was the only one of which there was any too plentiful supply. Great quantities of peonies were moved, bringing 75 cents on the average, and the supply was short. As has been the case before, there were some lots which were held a day too long to bring the best prices and to be in time for the Memorial day demand. Sweet peas sold readily, the white being rather scarce. There was a quantity of outdoor lily of the valley of good quality received, along with some late tulips. The supply of cape jasmine was not as large as usual, but there was enough on hand to fill all orders, and a great deal of it was moved by forced sales. A large quantity of brake and storage ferns, asparagus and galax leaves was used. Sunday was the busy shipping day, the dealers working from early morning until night. It is too early to judge accurately of the business transacted, in comparison to last year, but the general consensus of opinion is that there was a good deal more business done with a general advance of prices over previous years.

A small quantity of feverfew appeared on the market and added to the variety of Memorial day stock.

A few red poppies were seen on the market, but were soon disposed of.

DUN'S VIEW OF BUSINESS CONDITIONS.

The weekly review of trade in this district, published by the R. G. Dun & Company mercantile agency, states:

In general results the week's progress affirms the inherent strength of com-

merce. Money remained in fair demand, and bank exchanges made the largest gain during this month as compared with a year ago. Financial conditions here make a healthy showing, investment in improvements gained, and the security market almost trebled in dealings without any disquieting change in values. Production in the leading branches is without diminution and new commitments were made to a satisfactory extent. Wholesale transactions reached a fair volume in staple merchandise, deliveries were larger, and State street activity was stimulated by a better demand for seasonable wares. Country advices have been encouraging, farm work showing rapid recovery from the effect of recent heavy rains, crop prospects remaining good, and merchandising expanding.

NOTES.

It is probable that Governor Deneen will take steps to remove the west side parks out of politics by appointing a skilled landscape gardener as superintendent of the new board. This board will have approximately \$2,000,000 to be used in improving the west side system. Several recommendations have been made by the various ward organizations.

Peterson's peonies will be at their best during the next three weeks. The nurseries are located at Peterson and Lincoln avenues, four miles from Lincoln park and one and one-half miles west of Rose Hill station on the Chicago & Northwestern railway. All visitors are welcome on weekdays, but the grounds are closed on Sundays to everyone.

A window of Mangel's store that attracted attention contained a large wreath of galax leaves and adiantum, tied with red, white and blue ribbon. In the background was a picture of Lincoln, draped with flags, while to one side stood a stack of arms.

Manager Dickinson, of E. H. Hunt's, has been busy handling their usual large volume of business. They have had some large Harrisii and late violets, along with their usual stock of roses, carnations, etc.

J. B. Deamud had some very fine peony Humei, for which he received \$8 per 100. This is a new variety, light rose in color, which comes in just about the time when other kinds are done blooming.

Budlong is handling large supplies of Peterson's German irises. These do not ship so well as many other things, but they are excellent for local work. Every retail florist should own a plantation of them.

Zech & Mann have had some unusually fine Harrisii lilies, many of the blossoms measuring seven inches long, and about that distance across.

Percy Jones has just installed a new ice box 8x8x10, built by Daemecke. He was entirely cleaned up on all flowers at an early hour on Saturday.

E. F. Winterson Company made some large long distance shipments for Memorial day. They had a large stock of brake ferns on hand.

Kennicott Brothers report the sale of 4,200 dozen peonies on Saturday. They have received some nice long-stemmed, late tulips.

D. Wood Brant reports a very satisfactory business for Memorial day, having had to turn down a number of orders.

Vaughan & Sperry are using a large quantity of ferns. They cleaned up early on a large quantity of stock Saturday.

J. A. Budlong did a large business in roses and carnations, handling a large quantity of Boston Market.

Wietor Brothers had a large volume of shipping business and used a large quantity of roses and carnations.

Sinner Brothers cleaned up a large lot of carnations and roses and did a very satisfactory business.

Peter Reinberg and wife celebrated the twenty-second anniversary of their marriage May 22.

E. C. Amling had a nice lot of long stemmed American Beauty roses.

Charles W. McKellar handled a lot of peonies, roses and carnations.

Philadelphia.

The observance of Decoration day, at least that part that is of interest to the florist, must be more general, as the demand this season shows a large increase over that of previous years. This is especially true of the wholesale or shipping trade, as all the houses in this city enjoyed an exceptional demand from their out of town customers. All day Sunday and into the wee small hours of Monday they kept hustling. Carnations were handled by the tens of thousands. Peonies were in great demand. Pennock and Niessen handled thousands of them. Ralph Shrigley, at Pennock's, said the total with them ran above 20,000. There was also a great demand for all the other staples. American Beauty roses were favorites, as also were Liberty, Bridesmaid and Kaiserin. Sweet peas sold well, all colors being in demand. There seemed to be plenty of orders for lily of the valley, which was handled in large quantities. Prices stiffened on some lines, although the increase was not as much as the demand seemed to warrant, the supply seeming inexhaustible. Enchantress and Prosperity carnations brought \$3 to \$4 and the quality lots of pink, white and red varieties ranged from \$2 to \$2.50. Peonies, it was thought, would be far short of the demand, but the last few hot days brought them out and there seemed to be plenty for all the orders and some over. John Shellem was right in it with his field. His shipments for the week up to and including May 29 were over ten thousand. They were mostly handled by the commission houses of the city. Prices ranged from \$5 to \$8 per 100.

NOTES.

Pennock Brothers had a very pretty window this week, vases of peonies and hampers of choice flowers being tastefully arranged with horse show pictures, blankets, harness, whips, etc., the horse show being held here this week.

At the market, Manager Meehan said they had all the business they could handle. Berger Brothers were also well satisfied, having had an extra demand, particularly on carnations, sweet peas and American Beauty roses.

The bedding plant men had their usual rush and geraniums were sold out clean, everything in flower or showing color disappearing like magic. All say the season has been very good.

Manager Muth of the Philadelphia Cut Flower Company said they had all the business they could handle, their shipping trade being twice that of last year.

Reports from the Peacock dahlia farm, Atco, N. J., indicate that recent frosts have been so severe as to kill all the cranberries in that vicinity.

The annual floral parade on the board walk at Atlantic City, N. J., will be held on June 7. K.

St. Louis.

MARKET SLIGHTLY IMPROVED.

The market, although slightly improved, is in very poor shape. During the early part of the week one or two prominent funerals cleaned up all the white flowers left over in the ice boxes of the commission men. Decoration day does not cut much of a figure as regards the flower market in St. Louis, and school commencements are just about to start. Carnations are top price at 1 cent or 1½ cents outside price and \$6 per 1,000 in thousand lots or more. Roses are very plentiful, in fact everything is, and the quality is not up to the standard. Carnations are getting smaller and American Beauty are much more plentiful than last week. Hardy ferns sold better and at higher prices last week. Sweet peas are still very plentiful and the demand is slow.

FLORISTS' CLUB MEETING.

A meeting of the St. Louis Florists' Club was held May 27 in the parlors of the Missouri Athletic Club. The preliminary arrangements for holding a flower show November 7 to 11 were completed. At the close of the meeting a banquet was given in honor of F. C. Weber and Theodore Miller, who sail for Europe June 1.

TRADE NEWS.

Park Commissioner Robert Aull is anxious for the establishment of a driveway in Forest park from the site of the Inside inn westward to Skinkee road. He says this plan is declared practical by George E. Kessler, superintendent of restoration of Forest park.

Riessen Floral Company handled large quantities of roses and carnations during the past week and furnished several beautiful designs for the Busch funeral, the youngest son of Adolphus Busch having succumbed to an attack of appendicitis.

F. C. Weber and Theodore Miller, prominent west end florists, start June 1 with their families direct to Hamburg and expect to make an extended trip to Europe. Fred Weber, Jr., will take charge of his father's store during his absence.

Alex. Waldbart reports spring trade as very good. He has been especially busy planting out and disposed of large quantities of plants. His two sons are interested in the firm.

Some good longiflorum lilies were in the market the past week and were sold at 8 cents each.

Ostertag Brothers were busy with funeral work the past week.

W. F.

Boston.

BRISK MARKET.

The Memorial day trade has been exceptionally brisk this year, in fact, better than for the last two or three years. Both of the wholesale markets report that all flowers brought in on May 27 were disposed of at generally high prices. Considerable poor material has been disposed of, as much of the stock has depreciated by being held back during the warm spell of the past week. Roses have been bringing from 4 to 10 cents, and the quality has been an improvement over that of the cutting for the past month. Spirea has jumped up in price and brings \$2.50 per 100. Stock

gillyflower has been selling very freely at \$2.50 per 100, with single stock at \$1 per 100. The supply of Easter lilies has run short, and they have been bringing \$1.50 per dozen. Colored stock of all kinds is scarce and brings up to \$4 per 100. Carnations of the colored varieties are very scarce and are worth \$4 to \$6 per 100. White carnations are selling freely at from \$2 to \$4 per 100. While the retailers are handling many cut flowers, the bulk of their work is confined to decorative pieces and plants. Many pansies are being sold for bedding purposes, and geraniums are selling well. The weather being so warm, the outlook is for another brisk day's business on May 29, as many of the cut flowers bought on Saturday will not last over until Decoration day.

NOTES.

Bernard A. McGinty, with Welch Brothers for ten years, and head salesman for the Montrose Conservatories for the past two years, will on about September 1, open up a new wholesale store. He has the best wishes of his many friends in this new enterprise.

N. F. McCarthy & Company report that their auction sale on May 26 was one of the best attended of the year and that bidding was brisk and good prices obtainable.

H. P. S.

Washington.

MARKET QUIET.

Business has been quiet during the past week and there has been a surplus of stock. It is hoped that Decoration day business will be good, as it is the last call for a clean-up. A great amount of outside stock is now being handled and seems to be what many buyers are looking for.

NOTES.

There are those who think that the art of growing a good geranium, simple as it is, has been well nigh lost to this great capital. It is therefore a pleasure to note that one grower is showing plants and blooms equal to those which Deacon Harris is said to have grown by watering with ice water. D. I. Saunders has at his Le Droit park greenhouse the finest lot of red geraniums seen by the writer for many a day. His petunias and verbenas are also very fine. Mr. Saunders makes a specialty of bedding plants and is an expert in the business.

The death of Mrs. Leslie C. Reynolds, wife of the assistant superintendent of the Botanic Gardens, occurred recently. The afflictions of Mr. Reynolds have been great and he has the sympathy of all.

John Brown has a big stock of carnations in pots which he will soon transfer to the benches. He has also a nice lot of hardy roses and bedding plants.

S. E.

Baltimore.

DEMAND SAGS.

With a week of delightful weather the stores have had a week of great dullness in cut flowers, and the Exchange had hard work to force off the great quantities of roses, carnations, peonies and outside flowers which accumulated daily. There is the usual demand for funeral and hospital purposes, but there comes the period when we may say that the midsummer dull season has already arrived. The demands

for Memorial day were light, falling even behind recent years. It was hoped that this day would become observed here generally, as is the case in the west and north, by a decoration of graves and cemeteries. In the main, however, the strewing of flowers upon the last resting places of departed loved ones is limited to Easter and Christmas, and only the sailors and soldiers are remembered on this national day in commemoration of their patriotic service.

NOTES.

There is a considerable number of coming June weddings, and these and the commencement exercises of the various schools and colleges will stir up some business for a week or two, and after that apathy will prevail.

Robert L. Graham, of Waverly, is spending some of his profits from a successful season in putting up a broad porch and installing a hot water heating system for his dwelling.

The Black Brothers are building three new rose houses on the property long occupied by them at Lutherville. The dimensions are about 18x106 feet.

Frank Fritze, long engaged by Samuel Feast & Sons, is putting up three houses near Catonsville and will grow cut flowers on his own account.

S. B.

Cleveland.

LIVELY TRADE.

Memorial day brought a great demand for flowers. Anything with a flower on sold. Owing to the unfavorable weather during the month the business had to be crowded into a few days. The demand this year exceeded that of former occasions. Cut flowers sold fairly well, especially peonies and carnations. Peonies were plentiful, but carnations were short in supply. Roses did not fare so well; in fact, the demand for roses in this city seems to be on the wane. All during the month of May there has been a glut, the growers scarcely realizing enough to pay for cutting and shipping.

TRADE NOTES.

A. Graham & Son are going to put up more houses this year. Several old ones will be removed. Mr. Graham thinks the Baby Rambler the coming rose for bedding. The few he has for trial are giving entire satisfaction, and are all that is claimed for them.

A strong effort was made this year by several greenhouse men located near cemeteries to induce the authorities to debar the sidewalk merchants from selling plants in their vicinity. The effort was without success, as the authorities refused to interfere.

There are no important social events scheduled for June and the outlook is not very encouraging for a rush of business.

John Walker was in town recently and reports business good in Youngstown.

ECHO.

Toronto.

BUSY TRADE.

Business for the past two weeks has been decidedly in advance of former years. The visit of the governor-general and suite, as the guests of the Ontario Jockey Club, for the usual spring races now on in full swing, the many elaborate decorations and the presenting of bouquets and baskets of flowers from all

sides to their excellencies, have kept the better class of stores very busy. May 24, which the florists generally consider the holiday of the year, found everyone quite busy, most of the stores having to keep open all day. Stock of all kinds is plentiful and good, and the better grade of roses are realizing \$8 per 100. Carnations and lily of the valley also find ready sale, and they are selling as high as \$4 per 100. Lilies are still to be had and very fine varieties of outdoor tulips are all acceptable.

NOTES.

One of our florists, Charlie Turp, did some fine shooting here at a recent contest and was only beaten by that crack shot, Dr. Gleason, of Boston, by a few points. Charlie, however, picked up a number of cups, one of which is valued at over \$200, besides winning some \$300 in prize money.

The city parks and squares are at present showing very fine beds of tulips, which are now in their best shape. May 23 was Decoration day for the decoration of the monuments at Queen's park, and many wreaths and other designs were placed thereon by the school children.

The horticultural society is offering a prize for the best-kept lawn in the city for the coming season, which is causing considerable comment in the papers.

H. G. D.

RHINECLIFF, N. Y.—Beach & Hester are having a new violet house erected.

TERRELL, TEXAS.—Two new greenhouses are being erected at the Green demonstration farm here.

YORK, PA.—Charles E. Smith has completed his contract for furnishing and planting the bedding display in Farquhar park.

BELVIDERE, ILL.—J. W. Lyon, of the J. W. Lyon Company, has been elected mayor of this city on the Republican ticket.

STONEHAM, MASS.—The suit of Florist Haley for damages caused by water flooding a pansy bed was settled in favor of the town.

NORTH BEVERLY, MASS.—C. E. Streamberg has started the erection of an 85-foot greenhouse to be used exclusively for the growing of violets.

MARSHALLTOWN, IA.—Among the improvements to be made during the year at the Iowa soldiers' home is a greenhouse costing about \$2,000.

CHAMPAIGN, ILL.—John Porte has given up his position as chief gardener to the Illinois Central railroad and taken one at Chicago with the South park system.

NEW CASTLE, PA.—F. P. and W. T. Butz, of this city, are laying out the flower beds in Mahoningtown park. Their contract also includes the planting of a quantity of shade trees.

ROCHESTER, N. Y.—George T. Boucher has moved into a much larger and handsomer store at 343 Main street, East, where he can handle his rapidly increasing business to greater advantage.

SALT LAKE CITY, UTAH.—The Salt Lake County Horticultural Society held its regular monthly meeting May 20. Several instructive papers were read and discussed. The next meeting will be held June 3.

THE AMERICAN FLORIST

TWENTIETH YEAR.

subscription, \$1.00 a year. To Europe, \$2.00.
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THE preliminary list of premiums offered by the Kansas City Convention Hall Company to be awarded at its third flower show, Kansas City, Mo., November 13 to 18, 1905, has been issued. The prizes are very liberal and should attract a large number of exhibitors. Copies of the schedule may be had on application to Louis W. Shouse, Convention Hall, Kansas City, Mo.

American Rose Society.

A meeting of the executive committee of the American Rose Society will be held at Hartford, Conn., on Monday, June 19. The rose garden in Elizabeth park will be in full glory at that date and a visit of inspection under the guidance of Superintendent Wirth and the members of the Hartford Florists' Club will form a part of the programme. Important business concerning the welfare of the society will also have attention. Communications for the committee

should be addressed to the secretary's office, 11 Hamilton place, Boston, Mass.
WM. J. STEWART, Sec'y.

Society of American Florists.

The Southeastern Passenger Association, which controls the territory south of the Ohio and Potomac and east of the Mississippi rivers, has authorized a rate of one and one-third fare on certificate plan, in co-operation with rate announced by Trunk Line Association, for persons attending the S. A. F. convention at Washington, D. C., August 15-18, 1905. WM. J. STEWART, Sec'y.

Meetings Next Week.

Butte, Mont.—Montana Florists' Club, Columbia Gardens, June 9.

Chicago, Ill.—Chicago Florists' Club, Handel Hall, 40 Randolph street, June 8, at 8 p. m.

Cincinnati, O.—Cincinnati Florists' Society, Jabez Elliott Flower Market, June 10, at 8 p. m.

Denver, Colo.—Denver Floral Club, 323 Charles block, June 9, at 8 p. m.

Detroit, Mich.—Detroit Florists' Club, Cowie Building, Gratiot and Miami avenues, June 7, at 8 p. m.

Hamilton, Ont.—Hamilton Gardeners' and Florists' Club, office of member, June 6, at 8 p. m.

Hartford, Conn.—Hartford Florists' Club, June 9, at 8 p. m.

Holyoke, Mass.—Holyoke Horticultural Society, June 7.

Indianapolis, Ind.—State Florists' Association of Indiana, Commercial Club rooms, June 6, at 7:30 p. m.

Louisville, Ky.—The Kentucky Society of Florists, June 6, at 8 p. m.

Milwaukee, Wis.—Milwaukee Florists' Club, Empire building, West Water and Grand avenues, June 6.

Moline, Ill.—Tri-City Florists' Club, June 8.

Montreal, Que.—Montreal Gardeners' and Florists' Club, Alexandria rooms, 2204 St. Catherine street, June 5.

New Bedford, Mass.—New Bedford Florists' Club, June 8.

New Haven, Conn.—New Haven County Horticultural Society, June 6.

Newport, R. I.—Newport Horticultural Society, June 7.

Omaha, Neb.—Nebraska Florists' Society, City Hall, June 8, at 8 p. m.

Philadelphia, Pa.—Florists' Club of Philadelphia, Horticultural Hall, Broad street above Spruce, June 6, at 8 p. m.

Pittsburg, Pa.—Pittsburg and Allegheny Florists' and Gardeners' Club, 422 Sixth avenue, June 6, at 8 p. m.

Providence, R. I.—Florists' and Gardeners' Club of Rhode Island, 96 Westminster street, June 8, at 8 p. m.

Salt Lake City, Utah.—Salt Lake Florists' Society, June 9.

Seattle, Wash.—Seattle Florists' Association, Chamber of Commerce, June 6.

St. Louis, Mo.—St. Louis Florists' Club, Odd Fellows' Hall No. 2, Ninth and Olive streets, June 8, at 2 p. m.

Tuxedo, N. Y.—Tuxedo Horticultural Society, June 6.

Washington, D. C.—Washington Florists' Club, Schmidt's Hall, 516 Ninth street, N. W., June 6.

American Peony Society.

The second annual meeting of the society will be held in the Auditorium Hotel, Chicago, June 16 and 17, 1905. The exhibition will be held in the banquet hall, and will be in charge of J. B. Deamud, to whom all flowers intended for exhibition must be shipped.

Express charges on all exhibits must be prepaid, and should be so marked on the boxes, as no charges will be paid by the manager.

RULES AND REGULATIONS.

1. All entries must be forwarded so as to reach Secretary A. H. Fewkes, Newton Highlands, Mass., not later than Saturday, June 10. Exhibitors from a distance will please note the date, and mail accordingly. This is very important, as the secretary will have to forward them to the exhibition manager in Chicago.

2. All entries not staged by 1:00 p. m., June 16, will be disqualified from any and all competition.

3. At least one flower of each variety, in exhibits for competition, must be plainly labeled with the correct name of the variety, when known, or the name under which it is grown by the exhibitor.

4. The Society will furnish uniform cards for all exhibits entered for competition, and any exhibit not so marked will not be judged in any of the classes.

5. No exhibit can be entered in more than one class.

6. Exhibitors may make as many entries in any one class as they desire, but only one prize will be awarded to any one exhibitor in the same class.

The prizes offered in the various classes for herbaceous peonies are as follows:

COMMERCIAL CLASSES—DOUBLE.

Class.—1. Largest and best collection of varieties, one flower each. First, \$15.00; second, \$10.00; third, \$5.00.

2. Collection of best twelve and most distinct varieties, six flowers each. First, \$10.00; second, \$5.00.

3. Best collection of varieties in various shades of rose pink, not less than three nor more than six flowers each. First, \$10.00; second, \$5.00.

4. Best collection of varieties salmon and flesh-colored, not less than three nor more than six flowers each. First, \$10.00; second, \$5.00.

5. Best collection of white varieties, not less than three nor more than six flowers each. First, \$10.00; second, \$5.00.

6. Best collection of varieties, cream white and light yellow, not less than three nor more than six flowers each. First, \$10.00; second, \$5.00.

7. Best collection of crimson varieties, without stamens, not less than three nor more than six flowers each. First, \$10.00; second, \$5.00.

8. Best collection of crimson varieties, with stamens, not less than three nor more than six flowers each. First, \$10.00; second, \$5.00.

9. Best collection of tricolor varieties, including flowers with guard petals, collarette and center petals of different colors, not less than three nor more than six flowers each. First, \$10.00; second, \$5.00.

10. Best twelve specimen varieties, twelve blooms of each variety. First, \$25 silver cup; second, \$10.00.

11. Best one hundred blooms, Festiva Maxima. First, \$10.00; second, \$5.00.

12. Best one hundred blooms pink, any shade. First, \$10.00; second, \$5.00.

13. Best one hundred blooms crimson. First, \$10.00; second, \$5.00.

COMMERCIAL CLASSES—SINGLE.

14. Best collection of Japanese varieties, including so-called Imperial varieties. First, \$10.00; second, \$5.00.

15. Best collection of single varieties. First, \$10.00; second, \$5.00.

AMATEUR CLASSES.*

A. Best collection of not less than twelve varieties, one bloom of each variety. First, \$10.00; second, \$5.00.

B. Best and largest collection of pure white varieties, one bloom of each variety. First, \$10.00; second, \$5.00.

C. Best collection of rose pink varieties, one bloom of each variety. First, \$10.00; second, \$5.00.

D. Best collection of salmon and flesh pink varieties, one bloom of each variety. First, \$10.00; second, \$5.00.

E. Best collection of tricolored varieties, one bloom of each variety. First, \$10.00; second, \$5.00.

F. Best collection of crimson varieties, one bloom of each variety. First, \$10.00; second, \$5.00.

G. Best collection of cream and yellow varieties, with or without markings, one bloom of each variety. First, \$10.00; second, \$5.00.

H. Best collection of twelve or more single varieties. First, \$10.00; second, \$5.00.

*Open to amateurs and private growers only.

OBITUARY.

George A. Lacombe.

George A. Lacombe, superintendent of Holy Cross cemetery, San Francisco, died May 22 after a brief illness. He was born here fifty-five years ago, and for many years followed the occupation of a horticulturist. The deceased is survived by a wife and eight children. His funeral was attended by a large delegation of members of the trade. There were many floral tributes presented.

NORMA.

Michael Lynch.

Michael Lynch, lifetime gardener, nurseryman and florist, of Menlo Park, Cal., died suddenly at 8 o'clock Saturday night, May 27, while cutting asparagus in one of his greenhouses age fifty-eight years. The funeral was held May 30 and was well attended by the trade of Menlo Park and San Francisco and vicinity, which held Mr. Lynch in the highest esteem. Further details will appear in our next issue.

William S. Davis.

William S. Davis, Purcellville, Va., managing partner in the firm of A. B. Davis & Son, was found dead in his bed by his young daughter early in the morning of May 24. Heart disease was the cause of his death. The day previous, in company with Mrs. Davis, he visited Washington, D. C., and made business calls at several of the retail stores where the product of his range was marketed. He appeared to be in his usual robust health, and the announcement of his death following so swiftly caused surprise and profound sadness. Mr. Davis was born at Purcellville thirty-eight years ago. He learned the florist business with his father, who for a number of years conducted a catalogue trade. Several years ago W. S. Davis, largely through the influence of W. F. Gude, of Washington, was induced to take up carnation growing. In this he was most successful, his latest achievement being the dissemination of Red Sport. He had but recently purchased a large tract of land adjoining the old homestead and two new houses had this year been erected as a home for Red Sport. He was a director in the national bank of Purcellville and was held in high esteem by his business associates, both of Washington and his Virginia home. In religious belief he was a Quaker and possessed the many traits that have made the name of that sect synonymous with good citizenship. A member of the Society of American Florists, he took a deep interest in the development of the business throughout the country, and many who knew him, both in a business and social way, feel a sense of personal bereavement in his death. He is survived by his wife and one daughter, thirteen years old, and by his father and mother, on all of whom this blow has fallen with crushing force.

S. E.

HARTFORD, CONN.—The creditors of Drake & Carlson, florists at 431 Main street, were asked to meet May 15. The firm's indebtedness is about \$6,100, the assets being \$4,500.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST of the year 1905 is entitled to a five-line WANT ADV. (situations only) free to be used at any time during the year.

Situation Wanted—As foreman rose, carnation and general cut flower grower; prefer near Chicago; will furnish the best recommendations. Address Box 327, care American Florist.

Situation Wanted—As working foreman on commercial place, by a first-class grower of cut flowers, roses, carnations, chrysanthemums, violets and all kinds of bulbs and plants. Address Box 325 care American Florist.

Situation Wanted—By Hollander (engaged) representing European firms in bulbs, seeds, nursery stock, etc.; wants position with American firm. References given. Letters stating full particulars. Box 307, care American Florist.

Situation Wanted—By a German florist and gardener; 28 years' experience in all branches; private place or foreman on commercial place. Best of references. State full particulars, salary, etc. in first letter. Address Box 331, care American Florist.

Situation Wanted—A rose grower that can grow the best of high grade cut flowers, if given a good soil and house, wants a position as foreman or grower at a place where good stock is wanted. Well up on carnations and other things. Address Box 332, care American Florist.

Help Wanted—First-class store man. Send full particulars. SHERIDAN PARK FLORAL CO., 1860 Evanston Ave., Chicago.

Help Wanted—An all around man, German preferred. State wages wanted without board. O. R. DEMMLER, Eau Claire, Wis.

Help Wanted—At once, competent young man with some experience; retail place. Address GASKILL GREENHOUSE, Warren, Ohio.

Help Wanted—A competent florist capable of taking charge of 7,000 feet of glass, retail place; wages \$50.00. F. B. TINKER, Peru, Ind.

Help Wanted—An all-around man as working foreman; German preferred; \$35 per month, board and room. Address Box 328, care American Florist.

Help Wanted—A reliable, sober and industrious grower of cut flowers, roses, carnations, etc. Write, stating wages and reference. CHAS. P. MUELLER, Wichita, Kan.

Help Wanted—Middle aged, single man, for greenhouse and garden, on private place; with references; sober and industrious. Address Mrs. MARK E. REEVE, Richmond, Ind.

Help Wanted—At once, a sober, energetic, up-to-date man as foreman, to grow roses, carnations, chrysanthemums, Easter lilies and spring bedding plants. Pennsylvania. Address Box 324, care American Florist.

Help Wanted—An experienced and competent florist and landscape gardener; only one thoroughly competent need apply. Salary, \$540 per annum and living. Address T. C. BIDDLE, Supt. Topeka (Kansas) State Hospital.

Help Wanted—Single man with practical experience in bedding and blooming plants. Give references, age, and wages wanted without board, in first letter. Address FUELBROEGE Bros., Winona, Minn.

Help Wanted—German florist who has been in this country two or three years to work in small nursery and greenhouse summers and take care of fires winter nights; a reliable married man with references. Address LEVANT COLE, Battle Creek, Mich.

Help Wanted—A sober, industrious, single or married man, who understands growing of carnations and a few other things; single man can board on the place; wages as good as any in this city. Answer with reference and wages expected. C. H. KUNZMAN, 3710 High Ave., Louisville, Ky.

Wanted—Partner in paying retail nursery to handle office work and salesmen; must be experienced. Box 329, care American Florist.

For Sale—Retail flower store; reasonable. Reason for selling, party going west. Address Box 314, care American Florist.

For Sale—A good business, in a fine town. Doesn't require a fortune. Investigate. Address Box 221, care American Florist.

For Sale—Nine greenhouses, dwelling house and barn, 3½ acres of land, for sale cheap at Newtown, Pa. H. W. WIELAND, P. O. 109, Newtown, Pa.

For Sale—4-inch cast iron pipe at 6c per foot. One Kroeschell boiler, extra large size, coat over \$500 for \$150. Address HELLER BROS., New Castle, Ind.

For Sale—2,000 feet of glass, with stock, in a suburb of Chicago, doing a good retail business. Store and greenhouses on leased ground, six years' lease. Wm. F. HENNIG, Blue Island, Ill.

For Sale—A good florist business in a western city of 60,000 can be purchased at a great sacrifice. Well established trade and prospects for future bright. Is worth \$1,700, but will dispose of business for \$700 cash. Ill health cause of disposition of business. Box 217, care American Florist.

For Sale—1 good Kroeschell Bros., hot-water boiler, capable of heating 15,000 square feet of glass in good shape, price \$200.00; 1 good Kroeschell Bros., steam boiler 54x16, just taken out, price \$250.00. Reason for selling installing larger boilers. 4-inch greenhouse cast iron pipe and fittings, \$8.00 per 100. f. o. b. cars Morton Grove Boilers in service 7 and 8 years. Bargain. POEBLMANN BROS. Co., Morton Grove, Ill.

For Rent—At Frederick, Md., greenhouses 18x63, 12x102, 20x162, boiler room 18x60, equipped with No. 8 Furman boiler, and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure, labor cheap, city water; no stock on hand. Rent \$300 per annum, half payable in advance every six months. Ill health of owner compelled retirement from successful business; principally vegetables under glass and mushrooms for Washington and New York. HENRY TRAIL, Frederick, Md.

For Sale or Rent.

10,000 feet of glass, three acres of ground at Narberth Station, main line Pennsylvania railroad. Houses well stocked with spring plants, carnations and chrysanthemums. Terms easy. CHARLES F. KRUEGER, Reading Terminal Flower Stand, Philadelphia, Pa.

FOR SALE

Entire florist's business, store and three small greenhouses in the city of Philadelphia. Will be sold cheap. Apply to

HENRY F. MICHELL CO.,
1018 Market St. PHILADELPHIA, PA.

Notice.

Practical seedsman, experienced in mail order business, thoroughly competent catalogue compiler and advertisement writer, with A No. 1 executive abilities will be open for engagement the coming season for a permanent or temporary position. First-class references. Address

Box 330, care American Florist.

For Sale

The florist plant and business of the late Edward H. Howland, Holyoke, Mass. This plant consists of 31,860 square feet of land in the center of the city, with a complete and modern greenhouse equipment. The business is a wholesale and retail business and is the leading establishment in a city of 50,000 people. For particulars apply to

N. B. AVERY, Administrator,
24 Dwight Street, HOLYOKE, MASS.

SOMETHING NEW.

NOW that the season for Wild Smilax is over and no more stock can be supplied, I wish to call your attention to the Branches of the **Huckleberry Tree** as a most elegant Decorative Green.

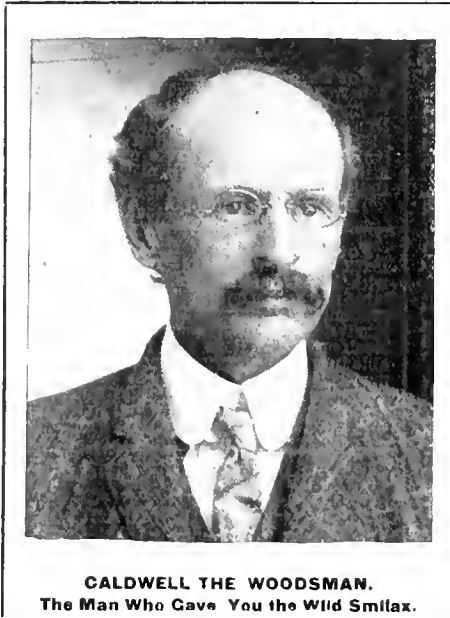
It is largely used by the Florists of the Pacific Coast, Washington and Oregon, in Decorations. The Branches are **FLAT**, very thickly furnished with exceedingly lustrous, green leaves and it seems to adapt itself to almost any position in decoration that the Wild Smilax can be used in.

As the introducer of Southern Wild Smilax, I think you can give me credit for knowing a good thing when I see it, and I am convinced that in Huckleberry Branches you will have a very beautiful substitute for the Wild Smilax, of great value to you through the months of May and June.

I am anxious to get the Verdict of the Floral Trade on this introduction and offer to send you a Case on Suspicion, price \$2.50 per Case if it suits you, nothing if it does not. Will you try a case on these terms?

Yours very truly

Caldwell The Woodsman,
EVERGREEN, ALABAMA.



CALDWELL THE WOODSMAN.
The Man Who Gave You the Wild Smilax.

New Crop Hardy Ferns Now Ready FANCY... \$1.25 per 1000
DACGER 1.00 per 1000

We Want to Move

THE FOLLOWING STOCK WHICH IS IN FINE CONDITION.

Decorative Stock.

Variety.	Size	Height	Leaves	Each	Dozen	100
Kentia Belmoreana	3 1/2	12-14	5-6		\$ 2.00	\$15.00
"	4	15-17	5-6		3.00	25.00
"	7	34-36	6	\$2.50	30.00	
"	10	48-50	7-8	7.00		
Kentia Forsteriana	6	28-30	5	1.25	15.00	
"	7	32-36		2.00	24.00	
"	single	34-38	5-6	2.50	30.00	
"	10	48-56	6-7	7.00		
Latania Borbonica	3				1.00	7.00
"	3 1/2	11-13	4-5		1.50	12.00
"	8	30-34	7-8	1.50	18.00	
Phoenix Canariensis, beautiful specimens in tubs					40.00	
Phoenix Reclinata	6				9.00	
Ficus Elastica	4	10-12		.25	3.00	
"	5	16-20		.35	4.50	
Araucaria Excelsa	4	trs.	2-3	.50	6.00	
"	5	trs.	3-5	.75	9.00	
"	6	trs.	3-5	1.25	15.00	
" Compacta	6	trs.	3	2.00		
Variety		Size		Each	Dozen	100
Cocos Weddelliana		3			\$ 2.50	
Pandanus Utilis		3			2.00	
"		5			5.00	
"		6			9.00	
"		7		\$1.00	12.00	
" Veitchii		6		1.10	13.00	
"		7		2.00	24.00	
"		9		3.00	36.00	
Poa Triv. Var., for ferneries		3			\$ 6.00	
Crotons		3			1.50	
"		4			3.00	
Cibotium Scheidii		6		1.50	18.00	
"		7		2.00	24.00	
Adiantum Cuneatum		4		1.50	12.00	
"		5		2.00	15.00	

Variety	Size	Each	Dozen	100
Boston Ferns	8	\$1.25	\$15.00	.....
"	12	3.00	.....	.....
Dracaena Fragrans	4	.....	3.00	.....
"	5	.....	5.00	.....
"	7	.....	9.00	.....
Maranta Massangeana, fine for ferneries	2	.....	.....	\$ 5.00
Dracaena Massangeana	5	1.00	12.00	.....
Asparagus Plumosus	2	.....	.....	3.00
"	3	.....	1.00	8.00
"	4	.....	1.50	12.00
" Sprengeri	3	.....	.75	6.00
"	4	.....	1.50	10.00
"	5	.....	2.00	15.00
"	6	.....	3.00	20.00
Dracaena Ter., height, 22-24	6	.75	9.00	.....
Fittonia Verschaffeltii, fine for ferneries	2	.....	.....	5.00
Japanese Fern Balls, in leaf		.....	4.00	.....

Bedding Stock.

DRACAENA INDIVISA	4-inch, \$1.50 per doz.; \$12.00 per 100.
COBAEA SCANDENS	Fine plants, 4-inch, \$1.00 per doz.; \$8.00 per 100.
ENGLISH IVY	4-inch, \$1.50 per doz.; \$12.00 per 100.
CANNAS:	Francis Reit, Austria, Duke of Marlborough, Burbank, Allemania, S. Antoine Crozy, Mme Louis Druz, Kate Gray, Robert Christie, 4-inch pots, \$1.25 per dozen; \$10.00 per 100.
Ageratum	Size 4 \$ 8.00
Castor Beans	4 8.00
Caladium	5 15.00
Salvia	3 6.00
Peunia, single	4 8.00
Begonia Vernon	4 8.00

We have a fine lot of Dracaena Indivisa as quoted in List.

The GEORGE WITTBOLD COMPANY, 1657-1659 Buckingham Place,
CHICAGO.

June Business.

This is the month of the "Bride" and the "Sweet Girl Graduate."
Lots of flower business for the florist who has what's right.

We have it for you: good, quick, cheap.

You can't afford to forget us.

Weiland & Risch,

Leading Western Growers
and Shippers of Cut Flowers.

59 Wabash Ave., CHICAGO.

Telephone Long Distance Central 879.

American Beauty	Per doz.
24 to 36-inch stem	\$3.00 to \$4.00
20-inch stem	2.00
15-inch stem	1.75
12-inch stem	1.25
Short stem	.75
Roses	Per 100
Brides, Bridesmaids	\$3.00 to \$ 6.00
Liberty	4.00 to 10.00
Chatenay, Kaiserin	4.00 to 8.00
Golden Gate	4.00 to 6.00
Carnations, Select	2.00 to 3.00
Large and fancy	4.00
Miscellaneous	
Peonies	6.00 to 8.00
Cape Jasmines	1.50 to 2.00
Callas	per doz., \$1.25 to \$1.50
Harrisi	per doz., 1.50 to 1.75
Sweet Peas	.75 to 1.50
Forget-me-nots	1.50
Valley	3.00 to 4.00
Marguerites	.75 to 1.00
Mignonette	per doz., 50c to 75c
Shasta Daisies	1.50 to 1.75
Decorative	
Asparagus, per string	25c to 50c
Asparagus Sprengeri	2.00 to 4.00
Galax	per 1000, \$1.25
Ferns	per 100, \$3.00
Adiantum	1.00
Smilax	per doz., \$1.50

SUBJECT TO CHANGE WITHOUT NOTICE.

THE ART OF

Floral..... Arrangement.

The first special newspaper in
the world for floral arrangement.

250 ILLUSTRATIONS ANNUALLY.

Specimen number free.
Subscription, \$2.40 yearly.

BINDEKUNST-VERLAG,
J. Olbertz, ERFURT, GERMANY.

Please mention the American Florist when writing.

NOW READY

California Grown Freesias.

Write for samples and prices.

VAUGHAN'S SEED STORE
CHICAGO. NEW YORK.

National Florists' Board of Trade,

Office: 56 Pine Street, New York.

Credit Reference Book. A subscription to our
Credit List will cost you \$10 a year, and it may
save you \$100 the first month. Special Reports.
We make a specialty of this part of our work.
Collections. We collect slow and doubtful ac-
counts. Why not go through your books at once
and send us all the claims that are in arrears?

CARNATION BLOOMS.

FINE STOCK.

Asparagus Plumosus

Long, heavy strings. Low price.

W. H. WATSON, Lapeer, Mich.

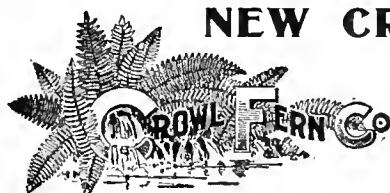
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ALL Nurserymen, Seedsmen and Florists wishing
to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly
by all the Horticultural traders; it is also taken
by over 1000 of the best continental houses.
Annual subscription to cover cost of postage 75c;
Money orders payable at Lowdham, Notts.

Address **EDITORS OF THE "H. A."**
Chilwell Nurseries, LOWDHAM, Notts, England.



NEW CROP

Ferns

NOW READY

\$1.50 per 1000,

GALAX, Brilliant Bronze or Green, 75c per 1000.

Use our **Laurel Festooning** for your June Decorations. It
gives the best satisfaction of any decorative green at this time of the
year. Sample lot on application. We make it daily, gathered fresh
from the woods. Hand made, full sizes, 4c, 5c and 6c per yard.
Once used, always used. **Branch Laurel**, 35c per large bundle.
Princess Pine, by the pound or made into festooning when
desired.

CROWL FERN CO., Millington, Mass.

Telegraph Office, NEW SALEM, MASS. Long Distance Telephone Connection.

Please mention the American Florist when writing.

HARDY CUT DAGGER AND FANCY FERNS.



We carry the finest and most complete line of Decorative
Evergreens and Florists' Supplies. Our specialties are **DAC-
GER**, \$1.50 and **FANCY FERNS**, \$1.50 per 1000.
Discount on larger orders. **BRILLIANT BRONZE** and
GREEN GALAX, \$1.00 per 1000. Laurel Festooning, good and
full, handmade 6c and 6c per yd. Green and Sphagnum Moss,
\$1.00 per bbl. Sphagnum Moss, 50c per bag; 5 bags, \$2.00.
Ivy Leaves, \$4.00 per 1000. Sprengeri, 25c and 50c per bunch.
Asparagus Plumosus, 50c per bunch or string. Leucothoe
Sprays, \$1.00 per 100; \$7.50 per 1000.



We also carry a full line of Florists' Supplies such as Tin
Foil, Cut Wire, Corrugated Boxes, all sizes, Folding Boxes,
Ribbons, all sizes and colors, All Kinds of Letters, Wire Designs, Cycas Leaves, Etc., Etc. Our
stock is of the best quality and at the most reasonable rates. Please write for our price list.
Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

HENRY M. ROBINSON & CO., L. D. Phone 2618 Main. 8 and 11 Province St., Boston, Mass.

CORK BARK

For Window Boxes. Flat or Cylindrical.

BIRCH BARK in large sheets.

CLARE & SCHARRATH 170 E. Madison St.
CHICAGO.

Mrs. Prepared Palms and Artificial Flowers.

It is good business policy to mention

The...
AMERICAN FLORIST

When you write to an advertiser.

N. Lecakes & Co.

53 W. 28th St., New York.

Tel. No. 1214
Madison Square



Stands at Cut
Flower Exchange
Coogan Bldg., W.
26th Street & 34th
Street Cut Flower



Market. Specialties: Galax Leaves, Ferns and
Leucothoe Sprays, Holly, Princess Pine and all
kinds of Evergreens.

Green and Bronze Galax Leaves, \$1.00 per 1000.

Please mention the American Florist to advertisers.

New Crop Cut Fancy and Dagger Ferns READY MAY 1. Prices: Fancy, \$1 25 per 1000; Dagger, \$1.00 per 1000. Special quantity quotations on application.

BOOK NOW AND BE SURE OF A SUPPLY. CROP SHORT THIS SEASON.

E. A. BEAVEN, - - Evergreen, Ala.

Wholesale Flower Markets

MILWAUKEE, May 31.

Roses, Beauty, long, per doz.	3.00@4.00
" " med. "	2.00
" " short "	.75@1.00
" Liberty.....	3.00@ 8.00
" Chatenay.....	3.00@ 6.00
" Bride, Bridesmaid.....	3.00@ 6.00
" Meteor, Golden Gate.....	3.00@ 6.00
" Perle.....	2.00@ 5.00
Carnations.....	1.00@ 4.00
Smilax.....	15.00
Asparagus sprays.....	3.00
Valley.....	3.00
Adiantum.....	1.50
Callas.....	8.00@10.00
Harrisii.....	8.00@10.00
Tulips, Daffodils.....	2.00@ 3.00
Peonies.....	5.00@ 6.00
Sweet Peas.....	.75@ 1.00

PITTSBURG, May 31.

Roses, Beauty, specials.....	20.00@25.00
" " extras.....	15.00
" " No. 1.....	10.00
" " ordinary.....	2.00@ 4.00
" Bride, Bridesmaid.....	2.00@ 8.00
" Meteor.....	6.00@ 8.00
" Liberties.....	8.00@12.00
" Perle, Chatenay.....	3.00@ 8.00
Carnations.....	1.00@ 3.00
Lily of the valley.....	4.00
Smilax.....	12.50@15.00
Asparagus, strings.....	25.00@50.00
Asparagus Sprengeri.....	25.00@50.00
Lilies.....	10.00@12.50
Adiantum.....	1.25@ 1.50
Mignonette.....	2.00@ 3.00
Sweet Peas.....	.20@ 1.00
Peonies.....	4.00@ 8.00

CINCINNATI, May 31.

Roses, Beauty, per doz.....	1.00@ 4.00
" " Bride, Bridesmaid.....	3.00@ 6.00
" " Liberty.....	4.00@ 8.00
" " Meteor, Golden Gate.....	4.00@ 8.00
Carnations.....	1.00@ 3.00
Lily of the valley.....	3.00@ 4.00
Asparagus.....	50.00
Smilax.....	12.50@15.00
Adiantum.....	1.00@ 1.50
Callas.....	8.00@10.00
Asparagus Plumosus and Sprengeri in bunches.....	.35c per bunch
Harrisii.....	12.50@15.00
Marguerites.....	.35

St. Louis, May 31.

Roses, Beauty, long stem.....	2.00@ 3.00
" " medium stem.....	1.00@ 1.50
" " short stem.....	.35@ .75
" " Bride, Bridesmaid.....	3.00@ 6.00
" " Liberty.....	3.00@ 6.00
Carnations.....	1.50@ 3.00
Smilax.....	12.50@15.00
Asparagus Sprengeri.....	1.50@ 3.00
" " Plumosus.....	25.00@50.00
Adiantum.....	1.00
Dagger ferns.....	1.50

CLEVELAND, May 31.

Roses, Beauty, per doz.....	.50@ 3.00
" " Bride, Bridesmaid.....	3.00@ 8.00
" " Meteor.....	4.00@10.00
Carnations.....	1.50@ 3.00
Smilax.....	20.00
Asparagus, strings.....	25.00@50.00
" " Sprengeri.....	1.00@ 2.00
Common ferns.....	2.50
Sweet peas.....	.50@ 1.00
Peonies.....	.50@ .75

Peonies, Cut Flowers

In splendid assortment for Decoration Day, in crimson, white, rose, pink, etc., etc. Write for prices.

F. A. BALLER, Bloomington, Ill.

Chatogue Greenhouses
MOBILE, ALA.

EXCLUSIVELY WHOLESALE.

REQUESTS from the trade for designs or cut flowers to be delivered at short notice in, or near Mobile or New Orleans, when made through us, will be executed with fresh stock by our retailers (Miss Maria Minge, Mobile; Mr. U. J. Virgin, New Orleans), and satisfaction guaranteed. Only high-class orders accepted.

Address all telegrams at our expense to

F. P. DAVIS, Mobile, Ala.

Reference, Messrs. R. G. Dun & Co.'s Agency.

DEAMUD Has WILD SMILAX, FANCY FERNS,

ROSES, CARNATIONS, VALLEY, and everything seasonable in quantity. Send your orders to me.

J. B. DEAMUD, 51 Wabash Avenue, CHICAGO.

HOLTON & HUNKEL CO.,

Wholesale Cut Flowers

462 Milwaukee Street,

MILWAUKEE, WIS.

CHAS. CHADWICK,

COR. FULTON & LAGRAVE,

Grand Rapids, Mich.

WHOLESALE and RETAIL FLORIST.

High-Grade Cut Blooms.

Carnations, Roses, 'Mums, Violets, Etc.

Choice American Beauties a Specialty.

Artistic Designs on Short Notice.

Good Shipping Facilities to all Michigan Points.

—A TRIAL ORDER SOLICITED.—

Please mention the American Florist when writing.

AMERICAN BEAUTIES.

Cut Roses—American Beauties and all kinds of Tea Roses at lowest prices. Trial orders solicited.

HELLER BROS., New Castle, Ind.

South Park Floral Company

Please mention the American Florist when writing

—FANCY—

CARNATIONS and ROSES

Pittsburg's Largest and Oldest Wholesalers.

PITTSBURG CUT FLOWER CO., Ltd.

604 Liberty Ave., PITTSBURG, PA.

Vaughan & Sperry,

Wholesale Florists,

58 and 60 Wabash Ave., CHICAGO.

WRITE FOR SPECIAL PRICES.

—BUY YOUR—

Cut Flowers, Florists' Supplies,

WIRE DESIGNS at

THE FLOWER GROWERS' MARKET,

60 Wabash Ave., CHICAGO

Don't Run any Risk in having your orders delayed on account of the Chicago Teamsters' Strike.

No Strike at Cincinnati, O. and plenty of Stock.

Send in your orders and they shall be filled promptly. All flowers sold at prevailing market prices.

Peter Weiland,

128 East Third Street,

CINCINNATI, O.

Or NEW CASTLE, IND.

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FOR 1905

Hundreds of New Names

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AND contains the usual fully corrected and revised lists of Florists, Seedsmen, Nurserymen, Horticulturists, Landscape Architects, Parks, Cemeteries, Botanical Gardens, Horticultural Societies, Horticultural Supply Concerns of the United States and Canada, Leading Foreign Houses and much other valuable trade information. Price \$2 postpaid.

AMERICAN FLORIST CO.

324 DEARBORN STREET, CHICAGO, ILL.

E. H. Hunt,
WHOLESALE
Cut Flowers
 "THE OLD RELIABLE."
 76 Wabash Ave.,CHICAGO.

E. C. AMLING
 THE LARGEST,
 BEST EQUIPPED,
 MOST CENTRALLY LOCATED
 WHOLESALE
 CUT FLOWER HOUSE
 IN CHICAGO.
 32, 34, 36 RANDOLPH ST.,
 CHICAGO.
 L. D. 'Phones Central 1978 and 1977.
 Please mention the American Florist when writing.

PLANT NOW
Lily of the Valley
 FOR JUNE WEDDINGS.
 Selected Valley Pips from cold storage, thoroughly frozen, \$13 per 1000; \$1.50 per 100.

H. N. BRUNS,
 1409 W. Madison Street, CHICAGO.
 Please mention the American Florist when writing.

Zech & Mann
Wholesale Florists
 Room 218, 51 Wabash Ave., CHICAGO.
 Telephone, Central 3284.

Michigan Cut Flower Exchange,
 WM. DILGER, Mgr.
 Fancy and Dagger Ferns.
 All Cut Flowers in Season.
 38-40 Miami Ave. DETROIT, MICH.

American Florist
 Always do business
 Week days and every day
 Sundays and holidays
 All over the country
 At home and abroad.
 Ads

A DAILY SHIPMENT FROM 40 TO 60 GROWERS
 CHICAGO MARKET QUOTATIONS
For JUNE WEDDINGS
 A GOOD SUPPLY OF
 Carnations, Roses, Valley, Orchids, Peonies, Greens, Etc.
 We can and will supply your cut flower wants to advantage.
 Write, telegraph or telephone.
E. F. WINTERSON CO. 45-47-49 Wabash Ave. CHICAGO.

J. A. BUDLONG
 37-39 Randolph Street, CHICAGO.
 Roses and Carnations
 A Specialty.....
 WHOLESALE GROWER of **CUT FLOWERS**

Bassett & Washburn
 76 & 78 Wabash Ave., CHICAGO.
 Wholesale Dealers and Growers of **Cut Flowers**
 GREENHOUSES: HINSDALE, ILL.

WIETOR BROS.
 Wholesale Growers of **Cut Flowers**
 All telegraph and telephone orders given prompt attention.
 51 Wabash Ave., CHICAGO.

Wholesale Flower Markets

CHICAGO, May 31.

Roses, Beauty, 30 to 36-in. stems	3.00@ 4.00
" " 20 to 24 "	2.00@ 2.50
" " 15 to 18 "	1.50@ 2.00
" " 12 "	.75@ 1.00
" Liberty	3.00@10.00
" Chateau	3.00@ 6.00
" Bride, Bridesmaid	3.00@ 6.00
" Golden Gate	3.00@ 6.00
" Gen'l MacArthur	4.00@10.00
Carnations	1.00@ 3.00
Valley	3.00@ 4.00
Asparagus Plumosa, per string 25 to 50c	2.00@5.00
" Sprangeri	2.00@ 5.00
Leucothoe sprays	1.00@ 1.25
Galax Leaves, Bronze, per 1000.	\$1.50
Adiantum .....	.75@ 1.00
Fancy ferns.... per 1000	2.50@ 3.00
Smilax	15.00@20.00
Peonies, per doz .....	.50@ .75
Callas	8.00@10.00
Sweet Peas .....	.50@ 1.00
Daisies .....	.75@ 1.50
Mignonette	4.00@ 8.00

D. WOOD BRANT,
 SUCCESSOR TO BRANT & NOE FLORAL CO.
 Grower of
CUT FLOWERS AT WHOLESALE.
 Choice Carnations. Any quantity. Prices very reasonable. Wire or write.
 Careful attention given shipping orders.
 58-60 Wabash Ave., CHICAGO.
 Please mention the American Florist when writing.

PETER REINBERG
 51 Wabash Ave., CHICAGO.
Wholesale Cut Flowers
 LARGEST GROWER IN THE WORLD.
Price List.
AMERICAN BEAUTIES— Per doz.
 Extra Select..... \$ 4.00
 30-inch stems..... 3.00
 24-inch stems..... 2.50
 20-inch stems..... 2.00
 15-inch stems..... 1.50
 12-inch stems..... 1.25
 Short stems..... \$.75 to 1.00
 Per 100
 LIBERTY.....85.00 to 10.00
 CHATENAY..... 5.00 to 8.00
 MAIDS AND BRIDES..... 4.00 to 6.00
 PERLE..... 4.00 to 6.00
 UNCLE JOHN..... 4.00 to 8.00
 CARNATIONS..... 2.00 to 2.50
 All flowers are perfectly fresh and properly packed.
 No charge for P. & D. on orders over \$5.00.

Poehlmann Bros. Co.
 Wholesale Growers of
 and Dealers in **Cut Flowers**
 All telegraph and telephone orders given prompt attention.
 Greenhouses: Morton Grove, Ill. 35-37 Randolph Street, CHICAGO.
 ALWAYS MENTION THE...
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 WHEN WRITING ADVERTISERS.

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 35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

AGENTS FOR THE EVERLASTING GREENHOUSE TILE BENCH.

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BOSTON, MASS.
WELCH BROS.
 15 Province Street.
 All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.
 FLORISTS' SUPPLIES all kinds.
 Long Distance Telephone, 6268-6267 Main.

Grafted Rose Stock.
 BRIDE, BRIDESMAID, KAISERIN, CARNOT and LIBERTY, extra large plants, \$15.00 per 100; \$120.00 per 1000.
OWN ROOT STOCK.
 BRIDE, MAID, KAISERIN, CARNOT and LIBERTY, extra large plants, \$4.00 per 100; \$35.00 per 1000.
 AMERICAN BEAUTY, \$6.00 per 100; \$50.00 per 1000.
 W. H. ELLIOTT, Brighton, Mass.

—THE—
J. M. McCullough's Sons Co.
WHOLESALE FLORISTS
 ALSO SUCCESSORS TO
 THE CINCINNATI CUT FLOWER CO.
 CONSIGNMENTS SOLICITED.
 Special attention given to Shipping Orders.
 318 WALNUT ST. CINCINNATI, O.
 Please mention the American Florist when writing.

Wholesale Flower Markets

Boston, May 30.	
Roses, Beauty, best	20.00@25.00
" " medium	12.00@20.00
" " culls	6.00@ 8.00
" " Bride, Bridesmaid	4.00@ 6.00
" " Extra	8.00@12.00
" " Liberty	1.00@ 8.00
Carnations	1.00@ 1.50
" " Fancy	1.00@ 2.00
Lily of the valley	2.00@ 3.00
Smilax	12.00@16.00
Adiantum	1.00
Asparagus	35.00@50.00
Violets	.35@ .50
PHILADELPHIA, May 30	
Roses, Tea	3.00@ 4.00
" " extra	6.00@ 8.00
" " Liberty	4.00@15.00
" " Queen of Edgely, extra	15.00@25.00
" " " firsts	10.00@12.00
" " Beauty, extra	15.00@25.00
" " " firsts	10.00@12.00
Carnations	1.50@ 4.00
Lily of the valley	3.00@ 4.00
Asparagus	25.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Gardenias	.12@ .15
Mignonette	2.00@ 3.00
Easter lilies	6.00@ 8.00
Callas	6.00@ 8.00
Sweet Peas	.75@ 1.50
Peonies	4.00@ 8.00
BUFFALO, May 30.	
Roses, Beauty	4.00@25.00
" " Bride, Bridesmaid, Meteor	2.00@ 8.00
Carnations	1.00@ 3.00
Harrisii	8.00@12.00
Lily of the valley	.50@ 4.00
Asparagus, strings	40.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Lilium Longiflorum	8.00@12.00
Sweet peas	.30@ .75
Tulips	1.00@ 2.00

Pittsburg Florists' Exchange,
WHOLESALE FLORISTS
 and Florists' Supplies.
 228 Diamond St., PITTSBURG, PA.
 Send for weekly price list and prices on large orders.
 Please mention the American Florist when writing.

J. B. MURDOCH & CO.
WHOLESALE FLORISTS,
FLORISTS' SUPPLIES.
 545 Liberty Ave., PITTSBURG, PA.
 Please mention the American Florist when writing.

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Wholesale Florist
 402 Pine St., ST. LOUIS, MO.

C. A. KUEHN,
Wholesale Florist,
 1122 Pine St., ST. LOUIS, MO.
 A Complete Line of Wire Designs.

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 128 N. 6th St., MINNEAPOLIS, MINN.
 Wholesale Cut Flowers and Supplies.
 Wild Smilax | Flowers Billed at Market Prices.
 Shippers of choice Cut Flowers and Greens of all kinds. Try us.

GEO. H. ANGERMUELLER
Wholesale Florist
 Cut Flowers and Florists' Supplies.
 CONSIGNMENTS SOLICITED.
 1324 Pine Street, St Louis, Mo.

Beauties and Valley } **THE LEO NIESSEN CO.**
 1217 Arch St., PHILADELPHIA, PA.
 Please mention the American Florist when writing.

KENNICOTT BROS. COMPANY
 40-42-44 Randolph St., CHICAGO.
 Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.
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Peonies The **Philadelphia Cut Flower Co.**
 CARNATIONS
 ROSES, Etc.
 1516 and 1518 Sansom Street,
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THE RELIABLE Commission House,
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CATLEYAS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

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American Beauties, Orchids, Roses,
Carnations, Violets, and Every Variety of
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Open every day at 6 a. m.

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Wholesale Commission Florists,

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Advice of sale note daily. Statement and check weekly. All consignments large or small receive the same attention. CORRESPONDENCE INVITED.

WHOLESALE **WILLIAM GHORMLEY,** COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

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Original Pioneer House—Established 1871.

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Consignments solicited. Shipping orders promptly attended to. Phone 626 Madison.

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John I. Raynor,

Are the best product of the best growers for the New York Market.

ADIANTUM CROWNEANUM sold here exclusively.

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WHOLESALE FLORIST,

Telephone 902 Madison Square.

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20 years' experience. Tel. 4878 Madison.

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WHOLESALE FLORIST

56 W. 26th Street, NEW YORK.
OPPOSITE N. Y. CUT FLOWER CO.

Everything in Cut Flowers. Consignments from growers solicited. Prompt returns. Best prices. Satisfaction guaranteed.

George Cotsonas & Co.

Wholesale and Retail Dealers
in all kinds of

Evergreens.

Fancy and Dagger
Ferns, Bronze and
Green Galax.
Phone 1202 Mad. Sq.

Main Store, 45 W. 29th St., NEW YORK.

Choice Carnations. Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, Cut Flower Exchange.
New Telephone No. 798 & 799 Madison Sq.

Please mention the American Florist when writing.

Wholesale Flower Markets

NEW YORK, May 31.

Roses, Beauty, best.....	10.00@20.00
" " medium.....	3.00@10.00
" " culls.....	1.00@ 2.00
" " Liberty, best.....	10.00@15.00
" " medium.....	3.00@10.00
" " culls.....	1.00@ 2.00
" " Bride, Bridesmaid, G. Gate.....	5.00@ 5.00
" " Kaiserin, Carnot.....	1.50@ 8.00
Carnations.....	1.00@ 2.00
" " fancy and novelties.....	3.00
Lily of the valley.....	1.00@ 3.00
Lilies.....	3.00@ 6.00
Smilax.....	10.00@25.00
Adiantum.....	.50@ .75
Asparagus.....	20.00@50.00

THE KERVAN COMPANY,

WHOLESALE DEALERS,

All Decorating Evergreens, Galax,
Leucothoe, Mosses, Etc.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON SQ.

Receivers and Shippers of Cut Flowers.
Consignments Solicited.

A. L. YOUNG & CO., Wholesale

Florists,
64 West 28th Street,
Telephone 3559 Madison Sq. NEW YORK.

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Receivers and Shippers of

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48 West 28th St. NEW YORK.

Telephone 3870-3871 Madison Sq.

The Only House Handling the **Victory**

NEW RED CARNATION
To be Disseminated 1906. Also a Complete
Line of **Choicest Flowers.**

ALEX. J. GUTTMAN, WHOLESALE
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52 West 29th Street, NEW YORK.

Telephones: 1664-1665 Madison Square.

N. Y. CUT FLOWER EXCHANGE

Coogan Bldg., 6th Ave. & W. 26th St., New York.

Open for Cut Flower Sales at 6
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DESIRABLE WALL SPACE TO RENT FOR
ADVERTISING.

JOHN DONALDSON, Secretary.

CARNATIONS My
Specialty.

CONSIGNMENTS SOLICITED.

Prompt Payments. Established 1891.

Alfred H. Langjahr, 55 W. 28th St.
New York.

Telephone 3924 Madison Sq.

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Contains the names and addresses of all the Florists, Seedsmen and Nurserymen in the United States and Canada. Price \$2.00.

AMERICAN FLORIST CO.,

324 Dearborn Street. CHICAGO, U. S. A.

EDW. C. HORAN,

55 WEST 28TH STREET,

Telephone 421
Madison Square.

....NEW YORK.

CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

83 Post Street, SAN FRANCISCO, CAL.
Please mention the American Florist when writing.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873, Bell, Lindell 676.
Please mention the American Florist when writing.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, DENVER, COLO.
Pros.

MILWAUKEE.

C. C. Pollworth Co.
MILWAUKEE, WIS.
Will take proper care of your orders in
WISCONSIN.



A. Gude & Bro.
FLORISTS

1214 F St., WASHINGTON, D. C.

KANSAS CITY.

WILLIAM L. ROCK
FLOWER CO.

Kansas City, Mo.



BUFFALO,
N. Y.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

Artistic Designs. * * * * *
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

Wholesale Flower Markets

ST. PAUL, May 30.

Roses, Beauty, long, per doz.	5.00
" med.	2.00@ 3.00
" short	.75@ 1.50
" Liberty	3.00@ 8.00
" Chatenay	4.00@ 10.00
" Bride, Bridesmaid	3.00@ 6.00
" Gates and Ivory	3.00@ 6.00
" Perle	3.00@ 5.00
Carnations	1.50@ 3.00
Valley	3.00@ 4.00
Sweet Peas	.75@ 1.00
Callas	10.00
Harrisii	5.00@ 12.50
Smilax	15.00
Sprengeri	2.00
Adiantum	1.00
Pennies	4.00@ 6.00
Marguerites	.75

MINNEAPOLIS, May 30.

Roses, Beauty, long, per doz.	4.50
" med.	2.50
" short	.50@ .75
" Liberty	3.00@ 8.00
" Chatenay	3.00@ 8.00
" Bride, Bridesmaid	3.00@ 8.00
" Meteor, Golden Gate	3.00@ 8.00
" Petle	3.00@ 8.00
Carnations	2.00@ 3.00
Smilax	15.00@ 18.00
Asparagus sprays	2.00@ 3.00
Valley	3.00@ 4.00
Adiantum	1.50
Common ferns per 1000	3.00
Callas	12.50
Romans, Paper Whites	3.00
Harrisii	12.50@ 15.00
Tulips, Daffodils	3.00

CHICAGO.

P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

Please mention the American Florist when writing.

Shaffer FLORIST,

14th and Eye Streets,

'PHONE, 2416 Main. WASHINGTON, D. C.

Please mention the American Florist when writing.



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LEIKENS

7 East 33rd St., Near Waldorf-Astoria.

Telegraph orders from any part of the country for Boxes, Flowers or Designs for deliveries at residence or steamers faithfully filled.

Please mention the American Florist when writing.

GEO. H. COOKE,
FLORIST

Connecticut Avenue and L Street,
WASHINGTON, D. C.

Please mention the American Florist when writing.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.

GALVESTON.

Mrs. Chas. Eickholt,
2319 AVENUE M,
GALVESTON, TEXAS.

Cut Flowers, Floral Designs, Decorations.
Telephone 1087. All mail, telegraph or telephone orders promptly and artistically filled.

Please mention the American Florist when writing.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.
'Phone 1601 and L. 1682.

Please mention the American Florist when writing.

SPRINGFIELD.

Mark Aitken
FLORIST.

378 Main St., Springfield, Mass.

Please mention the American Florist when writing.

ALEX. B. GARDEN,

441 Center Market, WASHINGTON, D. C.

Carnations, Roses, etc.

Wholesale and retail. Telegraph or 'phone.
Please mention the American Florist when writing.

MILLS THE FLORIST,
36 W. Forsyth Street,
JACKSONVILLE, FLA.

Please mention the American Florist when writing.

ATLANTA FLORAL CO.
41 Peachtree Street, ATLANTA, GEORGIA

A. L. RANDALL CO.,

19-21 Randolph St., CHICAGO.

We will have a nice lot of Medium Beauties for decoration. These Beauties were cut back in the winter, and are like new Beauties.

PRICE LIST.

	Per 100.		Per 100.		Per 100.
American Beauties, long.....	\$40.00	Maids and Brides, medium.....	\$4.00	Smilax.....	\$20.00
" " 24-30 in.....	25.00	" " short.....	\$2.00 to 3.00	Plumous strings.....	.50
" " 15-20 in....	15.00	Roses, our selection, short, per		" apraya.....	3.00
" " 12-15 in....	\$ 8.00 to 15.00	1000, \$20.00.		Sprenger.....	3.00
" " short.....	4.00 to 6.00	Carnations, fancy.....	4.00	Ferns, per 1000, \$3.00.	
Liberties, long.....	8.00 to 10.00	" good.....	3.00	Sweet Peas.....	1.00
" medium.....	4.00 to 6.00	" common.....	2.00	Peonies.....	6.00
" short.....	3.00 to 4.00	Callas.....	8.00	Galax.....	1.00
Maids and Brides, extra select..	6.00	Valley, out door.....	1.50	Jessamine.....	2.00
" selected.....	5.00	" in-door.....	3.00 to 4.00	Tulips.....	\$2.00 to 4.00

Araucaria Excelsa.



Decoration Day is over. Fill your empty houses with something that grows into money while you sleep.

Araucaria Excelsa just arrived per steamer Etruria May 1, 3,00; May 30, per steamer Oxonian, 2,000. Grown for me under contract by an araucaria specialist in Belgium. I must say for the benefit of my customers that they were never before so

nice and large for the money as this year. I herewith quote you special low prices on them for cash:

- 10 to 12 ins. high, 2 years old, 3 tiers..... \$.50
- 12 to 14 ins. high, 2 years old, 3 to 4 tiers..... .60
- 14 to 16 ins. high, 3 years old, 3 to 4 tiers..... .75
- 18 to 20 ins. high, 3 years old, 4 to 5 tiers..... 1.00

Araucaria Compacta Robusta, unusually large, very beautiful, \$1.25 to \$1.50; **Glauca**, 75c to \$1.00 each.

Kentia Fosteriana, 30 to 36 inches high, 4-yr. old, \$1.00; 4-year old, 25 to 30 inches, 75c. **Belmoreana**, 4-year old, 25 to 30 inches high, \$1.00 each. Above is the size entered in the Philadelphia custom house.

Don't forget that I am the **Moon Vine** grower of the land. Only **A. W. Smith's Hybrid Moon Vines**, (*Ipomea Noctiflora*) is exclusively the one I grow and is the only true Moon Vine in America, as Mr. Smith has the world wide reputation of growing the best Moon Vine seed. Please bear in mind that this is no Morning Glory like so many sell for Moon Vines, but the pure white waxy moon flowers as large as saucers. 2 1/2-inch pots, \$5.00 per 100; 3-in. pots, \$7.00 per 100; 4-in. pots, \$10 per 100. Nicely ataked up.

BEDDING PLANTS.

	Per 100
Heliotrope , 4-in.....	\$8.00
Salvia , Clara Bedman, 4-in.....	7.00
Begonia Vernon, red and pink, 4-in.....	7.00
Cubaea Scandens , 4-in.....	8.00
Coleus , Golden Bedder, Verschaffeltii and Queen Victoria.....	3.00
Verbenas and Petunias	3.00
Asters , Victoria.....	3.00

Vinca Variegata, **Salvia** and **Begonia** Vernon, blue **Ageratum**, California **Giant Petunias**, 3-in. pots..... 5.00

Tuberous Rooted Begonia, 5-inch pots, \$2.00 per dozen.

Many thanks to my customers for their liberal Easter trade. All goods must travel at the purchaser's risk. Cash with order please.

GODFREY ASCHMANN,

Importer and Wholesale Grower of Pot Plants.

1012 Ontario St., PHILADELPHIA, PA.

Please mention the American Florist when writing.

<p>AMERICAN FLORIST ADS ~ ~ ~</p>	<p>Always do business Week days and every day Sundays and holidays All over the country At home and abroad</p>
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June Weddings AND Graduation Day SPECIALTIES.

SEND FOR PRICE LIST IF YOU DID NOT RECEIVE ONE.

ORCHIDS, Fancy Valley, Beauties, Tea Roses, Carnations, Callas, Easter Lilies, Peonies, Gardenias and all Miscellaneous Stock. A Large Stock of Asparagus, Adiantum, Common Ferns and all Decorative Material Always on Hand.

Also a fine line of Novelties in Florists' Supplies.

ALL CUT FLOWERS AT LOWEST CHICAGO QUOTATIONS. If you want the BEST at any Time, or all the Time, send to

CHAS. W. McKELLAR,

Long Distance Phone, Central 3598. Automatic, 3623.

51 Wabash Ave., CHICAGO

Please mention the American Florist when writing.

ROSES

For immediate removal we offer a limited number of good, clean, healthy plants at extremely low prices as we are in need of the space they occupy.

	Per 100	Per 1000
American Beauty , 3 1/2-inch.....	\$6.00	\$50.00
American Beauty , 2-inch.....	4.00	35.00
General MacArthur , 3 1/2-inch.....	8.00	75.00
Uncle John , 3 1/2-inch.....	3.50	30.00
Uncle John , 2-inch.....	2.50	20.00
Chatenay , 3 1/2-inch.....	3.50	30.00
Bride , 3 1/2-inch.....	3.50	30.00
Bridesmaid , 2-inch.....	2.50	20.00
American Beauty (Bench Plants).....	4.00	35.00

Carnations 100,000 FIELD-GROWN. Our plants being large we are prepared to book orders now for early shipment and shall have the following varieties to offer:

ENCHANTRESS , LAWSON, pink, BOSTON MARKET, NELSON FISHER, STELLA,	CRUSADER , FLAMINGO, HARRY FENN, ROOSEVELT, MRS. NELSON,	TRIUMPH , MRS. INE, FLORA HILL, PENN, GUARDIAN ANGEL.
--	---	--

We shall begin making deliveries the latter part of July at which time our stock will be in the best possible shape to ship. Prices furnished upon application, also when writing state when stock is wanted, we guaranteeing all stock to be in A1 condition.

J. A. BUDLONG, CHICAGO.

37-39 Randolph Street,

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention at Alexandria Bay, N. Y., June 20-22, 1905.

EARLY summer trade is reported off in general.

W. ATLEE BURPER COMPANY's representative is expected on the Pacific coast in July.

THE Albert Dickinson Company, of Chicago, report a satisfactory business for the season.

VENTURA, CAL.—The planting of lima beans is just finished. Irrigation plants are increasing here.

THE market gardener with heavy soil has had his own troubles since the heavy rains, the pickax being his last resort.

MINNEAPOLIS, MINN.—Miss C. H. Lippincott has moved to 602 Tenth street, south, where she will have badly needed room for increased business.

LATEST reports from Holland indicate that hyacinths and tulips will be only a middling crop, "fire" having made its appearance at several places. Prices at public sales are running high.

FORT SMITH, ARK.—Arthur G. Lee has purchased the interest of Sidney J. Lee in the firm of Arthur G. Lee & Brother, and will continue the business under the firm name of Arthur G. Lee.

STEAMER rides on the St. Lawrence river will be a feature of the coming seed trade convention, and W. H. Grenell, who has the arrangements in hand, has the faculty of making such things enjoyable.

T. W. WOOD and wife, of Richmond, Va., will sail from New York June 3 for Naples. Their tour will include Italy, Switzerland and other places of interest on the continent, as well as England and Scotland.

KANSAS CITY, MO.—A. G. Trumbull, formerly of the Trumbull Seed Company, later president of the Missouri Seed Company, has now associated himself with J. G. Peppard in the seed business.

A. GUNDESTRUP, of Jefferson, Ill., reports that bugs and insects have already appeared and will be bad this year. Potato bugs are bad and cauliflower is covered with insects. Many onions and potatoes in his vicinity will have to be replanted.

It has been proved by exact experiment, regarding many kinds of agricultural seeds, according to A. D. Shamel of the Bureau of Plant Industry, United States Department of Agriculture, that the seed which is heaviest (not neces-

sarily the largest or having greatest specific gravity) produces more vigorous and productive plants than lighter seed.

THE Bureau of Plant Industry of the United States Department of Agriculture has issued an exhaustive bulletin on the "North American Species of Agrostis." The bulletin is written by A. S. Hitchcock and is well illustrated. Seedsmen will find this a useful addition to their grass seed libraries.

SABETHA, KAN.—Jesse and Howard Lines, proprietors of the Sabetha Seed House, have dissolved partnership. They have agreed on a division of the territory and Howard will continue under the firm name. Jesse will carry on the packet business as well as seed scales and cabinets, under his individual name.

London Bulb Auctions.

A big business is now being done with bulbs. Large quantities of the foreign importations are daily sold by auction in London. These are offered in convenient lots for small purchasers, with the result that numerous amateurs make their purchases at the auction to the detriment of the ordinary retailers. This naturally causes some dissatisfaction in the trade.

New Variety of Sweet Potato.

A new variety of sweet potato having great economic value has been acclimated in the experimental gardens of Bordeaux, according to A. W. Teurpee, consul. It is a native of Dahomey and very prolific. The leaves of the plant can be used as a substitute for spinach, and the tubers, containing a higher percentage of sugar than beets, are fine flavored and make exceptionally good food for live stock. At present the authorities have only a limited quantity of tubers, and as these are to be used wholly for reproduction it will not be possible to obtain samples for American experimenters until next year. A few hundred "sprouts" have been distributed among French agriculturists. A box containing ten of these "sprouts" has been placed at the disposition of the American consul, as the representative of the Smithsonian Institution, but as the young growths are extremely fragile and very susceptible to changes of temperature it is feared they may not survive transit to the United States, however well they may be packed.

The Bermuda Lily Crop.

It has been very encouraging to those interested in the Bermuda Easter lily industry to notice the steady improvement, year by year, for the last six years, both in the care and cultivation of the lily, and in the planting stock. The industry is now in fewer hands and in the hands of those enterprising and careful growers whose object is to turn over dollars in the transaction and who, consequently do not mind spending a few in advance to bring these desirable results about.

A considerable amount of "dumping overboard" has been in vogue, and nothing but stock of good promise has been planted. One frequently hears of two or three cartloads of stock being disposed of in this way, and should this be continued, perfection, as near as it is possible to obtain, will be the result.

Indeed at the present time one has to search for poor plants and poor-looking fields, whereas formerly the reverse was the case.

This year the almost perfect fields of lilies have furnished a feast for the eyes of American visitors and prospective buyers. Since it is a fact that the demand for lilies for church and other decorations during Easter week of the present year was phenomenal even better results should be obtained next year, as Easter falls in the middle of April again.

Beyond the fact that the Bermuda lily has been improved in many ways, it cannot be denied that the length and substance of the flower has been wonderfully improved and that each plant gives many more flowers to the head than formerly.

The old buyers are not so much in the field this year. New local buyers are negotiating for considerable quantities for the English market, while American buyers have secured some acres of the truest and healthiest stock obtainable.

As Easter falls late in March, 1907, the Bermuda growers are looking for larger orders and higher prices next year.

Government Garden Seeds.

Government garden seeds are beginning to make their annual show up. The Local had them had last year and wishes to be excused. Was remembered by Uncle Sam with a present of some germs of tomatoes, lettuce, cucumber, pumpkin, melon, onion, dahlia and larkspur. Had daily backache before breakfast during May, June, July and part of August. Harvested seven messes of lettuce, three slippery elm onions, one eighteen inch melon vine, three red popples and a thornless thistle. Final results: Crampy bread-basket four nights and an ordinary respiration.—Winneconne (Wis.) Local.

Made Sick by Free Bulbs.

MAKE SOUP OF FREE SEEDS.

Now that the spring seed distribution by the government through its representatives in Congress is over, some of the representatives are beginning to hear of results from the constituents whom they remembered, although these results do not relate to crops produced from the seed; it is too early for that. Representative W. H. Ryan, of the 35th District, thinks that he has the banner "experience" story, and he relates it in this way:

"Among other things that I sent to one of my German constituents was a package containing tulip, narcissus, crocus and other bulbs. I heard from that fellow the next day after he got the bulbs. He said they made him awfully sick, and not only him, but all the members of his family. I wanted to know how that could be.

"'Oh,' said he, 'I guess dem Bermudas onions was all right, aber maybe der government didn'd raise 'em by Bermuda, and dat vas vy dey vasn't so good eading and makes us all sick by ourselves.'

"I thought that would be the best experience of all, but the other day I heard from another constituent—an Irishman this time—to whom some carrot, corn, radish and similar seeds had been sent. He called at my office to thank me, and said:

"'Say, Mr. Ryan, those seeds made the finest soup I ever tasted. Send me another package next spring, please.'—New York Tribune.

ATLANTIC CITY, N. J.—The floral parade, to take place June 7 on the boardwalk here, promises to eclipse the efforts of former years. There will be considerable competition among the hotelkeepers in the hotel division, which covers decorated rolling chairs. Hugh Graham, a Philadelphia florist, will be one of the judges.

3,700 ACRES OF GARDEN SEEDS
IN CULTIVATION.

Braslan Seed Growers Co.

Wholesale Seed Growers.

SAN JOSE, CALIFORNIA.

Vaughan's Seeds for Summer Sowing.



Vaughan's International Primula Mixture.

This mixture is composed of the most salable colors of Single Flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors, enough to give a large variety of colors, the most important shades predominating. It contains some of the Giant sorts, some Fern-leaved some blue; also some with dark leaves and stems. We have taken special pains to make this mixture as complete as possible and unreservedly recommend it to everyone.

Price for International Mixture: { Packet of 350 seeds..... \$.50
5 packets, 1,750 seeds..... 2.00
Per 1-16 ounce..... 2.50

VAUGHAN'S SEED STORE,

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14 Barclay Street, NEW YORK.

Chinese Primulas.

	250 Seeds.	1000 Seeds.
Alba, pure white.....	\$.35	\$1.25
Chiswick Red, bright red.....	.50	1.75
Kermesina Splendens, crimson.....	.50	1.75
Atrosanguinea, brightest deep red.....	.50	1.75
Alba Magnifica, snow-white, of excellent form.....	.50	1.70
Glowing Coal, the darkest red.....	.50	1.75
Peach-Blossom, beautiful white with pink hue.....	.50	1.70
Mauve, light soft color.....	.50	1.50
Blue, a clear sky-blue.....	.50	1.70
Upright Deep Velvety Red.....	.50	1.70
Rosea, a bright pink.....	.35	1.20
Bridesmaid, brightest pink.....	.50	1.75
Mont Blanc, large, pure milk-white flowers.....	.50	
Striata, white and lilac striped.....	.35	1.20
Mixed, a splendid variety.....	1/2 oz., \$.30	1.25
Fern Leaved, white, pink, or all colors mixed.....	.40	1.25

Vaughan's Columbian Cineraria.

Like our International Pansy Mixture, this strain has given unusual satisfaction. It consists of a mixture made up by ourselves of the choicest English, French and German strains, and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. Trade pkt. (1000 seeds), 50c; 3 pkts., \$1.25.

- New large flowered Cineraria, "Old Rose".....50c
- Cineraria Hybrida, fine large flowering mixed, 500 seeds.....25c
- Hybrida Grandiflora Nana, best mixed dwarf.....25c
- Hybrida Pleoissima, extra choice mixed, double.....50c
- Hybrida Grandiflora, Scarlet Queen.....25c

Gloxinia Hybrida. Vaughan's Columbian Mixture.

Pkt. (1000 seeds), 50c; 3 pkts. for \$1.25.

Calceolaria Hybrida.

Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties, and we know will give entire satisfaction. Trade pkt. (1000 seeds), 50c; 3 pkts. for \$1.25.

SEEDS OF HARDY PERENNIALS.

Our list of these is now ready and will be sent on application. It is most complete, and florists will do well to secure a stock of Hardy Perennials cheaply. These are greatly in demand now, and the seed must be sown in June, July and August.

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ONION SETS.

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Very strong, ready for 7 and 8-inch pots, 50c each. Also *Asparagus Plumosus*, 3 1/2-inch, very strong, 12 1/2c each. Also a few hundred *Chrysanthemum Plants*, White Boonaston and Col. D. Appleton, 3c.

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Write us about any tour you may have in contemplation. We will be glad to assist you.

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The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June 14-16, 1905.

LOS ANGELES, CAL.—The office of botanical curator of the city parks has been created, salary \$80 per month.

CHICAGO.—The recent Illinois law creates a forestry preserve commission to have charge of forest preserves to be created along the Desplaines river, part of the "outer park belt" scheme, the president of the commission to receive \$2,500.

PASADENA, CAL.—The shipments of stock from Florida and Louisiana are being subjected to rigorous examination and fumigation and the shippers threaten to send the stock by mail in order to escape the inspectors. This new move will be combatted at every point. The white fly appears to be the most serious cause of these contentions.

Syringa Japonica.

The illustration herewith shows a good specimen of *Syringa Japonica* growing on the grounds of Mrs. H. Porter, Lake Geneva, Wis. It was planted by Superintendent Tiplady in 1892 and is covered every year with a mass of bloom.

Creolin and Insect Pests.

In our issue of April 29, page 664, our correspondent, S. F. Look, recommends creolin as an insecticide. We have consulted the experts of the Department of Agriculture with regard to the matter and one of them writes as follows concerning it, also its use in combination with sulphide of potassium:

"We have had no experience with this substance, but have experimented with closely allied things, i. e., other similar coal tar preparations. They have not shown very noticeable insecticide qualities, at least nothing to warrant their displacing such standard insecticides as kerosene emulsion, soap washes and the sulphur washes. They undoubtedly have, however, value, and may often have a preventive value, i. e., rendering the foliage of plants distasteful to insects, and affording protection in this way. J. K. Haywood, the assistant chemist of the department, in charge of insecticide analysis, gives the following statement relative to creolin. He also discusses the subject of the possible combination of creolin and sulphide of potassium: "Creolin is a coal tar preparation something on the order of karbo kreosolate, chloro naphtholeum, etc., made by heating and mixing creosote, sodium hydroxide solution and resin or fat in such proportions that a perfect emulsion will be formed when the mixture is put in water. The final product is of course creosote in emulsion in water by means of a resin or fatty soap. The products which would have any insecticidal value here would be the fatty or resin soap and the various compounds present in creosote, such as phenol, cresols, naphthalene, anthracene, etc.

"It would be perfectly possible to dilute creolin anywhere, say from one to twenty up, and then dissolve potassium sulphide in the emulsion also. If one tried to dissolve the potassium sulphide in the original creolin, however, very little would go in solution, as it is not soluble to any extent in creosote oil."

Albany, N. Y.

Whittle Brothers have been awarded the contract for the decorations at the annual commencement of Williams College, Williamstown, Mass., June 15-22. The firm lost a large number of very fine decorative palms at the local depot the past week. The plants had just arrived from Oneonta after having been used at a decoration, and were still in charge of the express company and were contained in two large trucks. A train backed down upon the trucks before they could be removed and the palms were scattered all over the track, some of them being dragged a distance of several blocks. Only a small number were uninjured and the firm places the loss as at least \$200. The experience is particu-



Syringa Japonica.

larly trying, as the plants were purchased two years ago in Belgium and had been in the greenhouses all that time and had developed into most beautiful specimens of their kinds. It was the first time they had ever been used in any order and the monetary loss is felt by the firm to be the least part of the experience.

Garnet D. Baltimore, who was recently reappointed landscape engineer for Prospect park, Troy, has sent a communication to the commissioner of public works of that city in which he made several recommendations for the enlargement and embellishment of the city's new breathing spot. Mr. Baltimore recommends that the western and southern slopes be terraced and an approach accessible to the residents of the adjacent sections of the city be laid out. A second recommendation has to deal with a lagoon to be made near the Congress street entrance. An island in the lagoon is to be laid out into a rose and herbaceous garden and a canal to supply the lagoon with water is to be spanned with a number of artistic bridges. The esti-

mated cost of all the improvements recommended is in the neighborhood of \$150,000. R. D.

Providence.

The past Saturday was a fitting climax to a week of dullness, characterized by sensational selling, both wholesale and retail. Carnations and roses were the greatest offenders, the former bringing 75 cents per 100 for fine quality, and the ordinary grades refusing to move at any price. Roses piled up all week and on Saturday just managed to sell at 1 and 2 cents, although the quality of Bride and Bridesmaid is a trifle off just now. Retail business was good and bad by turns, and conditions appeared very quiet by contrast of a glutted market. Sweet peas are plentiful and values unsteady. Ferns from the south are arriving daily and no shortage is expected Memorial day.

The Rhode Island Horticultural Society has issued a schedule of prizes offered for the June and November exhibitions. The date of the former has not yet been fixed, but the chrysanthemum show will be held November 14 and 15. M.

Davenport, Ia.

The regular monthly meeting of the Tri-City Florists' Club was held at the home and greenhouses of Henry Gaethje at South Rock Island, Ill., May 11. After inspecting the up-to-date greenhouses of Mr. Gaethje the usual routine business of the society was conducted. No business of any great importance came up. It was agreed that President Temple look after rates, etc., in regard to going to the national convention, held at Washington, D. C., in August. Several members have already signified their intention of attending. A committee consisting of Theo. Ewaldt, E. Boehm, Henry Pauli, Henry Gaethje and William Knees, was appointed to make arrangements for the florists' annual picnic to be held some time in August. The society extended its best wishes to Mr. Gaethje, who leaves for Germany on or about June 3, to be gone about two months. Every member reports that the plant trade is far ahead of last year at the same date. The members accepted the invitation of Ewaldt Brothers to hold the next regular meeting at their place. Ewaldt Brothers are extensive strawberry growers and as they will be right in the midst of the strawberry harvest, the boys look forward to a big treat.

TED.

Oceanic, N. J.

A very well attended meeting of the Monmouth County Horticultural Society was held on May 19, with President Hale in the chair. The discussion of the evening was "Chrysanthemum Culture." The first prize winner of essays on chrysanthemum culture, H. A. Griffiths, was presented by Mr. Hale with a beautiful silver cup. The second prize winner, Joseph Kennedy, received the society's certificate. William Turner exhibited a fine bunch of Black Hamburg grapes, with an excellent color, and which weighed 3¾ pounds. They received 98 points. The premium list for the fall exhibition has been issued and copies may be had on application to Secretary H. A. Kettel, Fairhaven, N. J.

B.

700,000 Cal. Privet

	Per 100	1000
3 yrs., 2½ to 3 ft., extra heavy.....	\$3.25	\$28.00
3 yrs., 2 to 2½ ft., well branched.....	2.50	23.00
3 yrs., 18 to 24 in., " " " " " "	2.00	15.00
3 yrs., 12 to 18 in., 4 to 8 branches.....	1.50	10.00
3 yrs., 3¼ to 4 ft., very heavy.....	3.00	25.00
2 yrs., 2½ to 3 ft., well branched.....	2.25	18.00
2 yrs., 2 to 2½ ft., " " " " " "	2.00	15.00
2 yrs., 2 to 2½ ft., 3 to 6 branches.....	1.50	10.00
2 yrs., 18 to 24 in., 5 to 8 " " " " " "	1.50	10.00
1 yr., 14 to 20 in., 2 to 4 " " " " " "	1.25	7.00
1 yr., 10 to 14 in., 1 to 2 " " " " " "	1.00	5.00
Cuttings, strong.....	.75	
Tree form, 3 yrs., beads 4 to 5 feet.....	25c each	

All the above plants have been transplanted and out back except one year, which makes them a clean, good stock. Parties wanting 5,000 or over, will write and get better rates.

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BABY RAMBLER.

Everblooming Dwarf Crimson Rambler.

A gem among Roses. An everblooming, dwarf reproduction of Crimson Rambler. Always in bloom. Every florist in the land should have it. 2½-inch pot plants, now ready for delivery, \$2.50 per doz.; \$17.50 per 100; \$150.00 per 1000.

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Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collections in this country.

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Bridesmaid, Bride, White Maman Cochet, Mary Washington, Queen's Scarlet, Etc.

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ROSE PLANTS

STRICTLY FIRST-CLASS STOCK. OWN ROOTS.

<ul style="list-style-type: none"> De Brabant, Ivory, Meteor, The Bride, 	<ul style="list-style-type: none"> Philadelphia Rambler, White Rambler, Clothilde Soupert, Etoile de Lyon, From 2½-inch pots, \$2.25 per 100; \$18.00 per 1000. 	<ul style="list-style-type: none"> Marechal Niel, White Maman, Duchess of Albany, Helen Gould, From 2½-inch pots, \$2.25 per 100; \$18.00 per 1000. 	<ul style="list-style-type: none"> Malmaison, Pink Rambler, Yellow Rambler, Hermosa.
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<ul style="list-style-type: none"> Crimson Rambler, La France, Mme. Chas. Wood, 	<ul style="list-style-type: none"> Perle des Jardins, Vick's Caprice, Capt. Christy, From 2½-inch pots, \$8.00 per 100; \$25.00 per 1000. 	<ul style="list-style-type: none"> Gen. Jacqueminot, P. C. de Rohan, Mme. Plantier, 	<ul style="list-style-type: none"> Kaiserin Aug. Victoria, Sunrise.
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DAHLIA KAISERIN AUGUSTA VICTORIA:

The Best White Dahlia in Existence. My own importation. I control the entire stock of it. Flowers double, of the purest white, 4 to 5 inches in diameter. A wonderful bloomer. Stems, 12 to 18 inches long. Plants 3 to 3½ feet high. The finest plants from cuttings. Good strong stock from 2½-inch pots, \$3.00 per doz.; \$20.00 per 100. Delivery May 1st. Orders filled in rotation. Early booking suggested. Highly commended by the American Institute and the New York Florists' Club. Address

A. L. MILLER, Jamaica Ave., Brooklyn, N. Y.

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Embracing a complete set of 12 New Century Dahlias; 25 New Cactus Dahlias; New Collarlet Dahlias; New Giant-Flowered Dahlias; New Fancy Dahlias; New Decorative Dahlias; New Show Dahlias; New Single Dahlias. In all, 38 of the most wonderful Single Dahlias ever produced, and 41 of the grandest Double Dahlias.

All exquisite in form, shape and coloring; free bloomers and Money Makers. Faithfully and truthfully described in our new illustrated descriptive catalogue, mailed free upon request.

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The new hardy perennial. The finest ornamental grass to be had—perfectly hardy can be used indoors and out, grows rapidly and does not turn green or run to seed. Strong field-grown roots, 15c each by mail, postpaid. \$1.25 per dozen; \$8.00 per 100 by express, charges not prepaid. Can fill orders at any time. Terms cash with orders.

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The Always in Bloom Rose. 2½-in., \$2.50 per doz., \$15.00 per 100, \$125.00 per 1000; 3-in., \$3.50 per doz., \$25.00 per 100; 4-in., \$5.00 per doz.

CHOICE VARIETIES OF
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\$3.00 per 100 in quantity; some new varieties higher. Extra good 2½-in. plants.

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2½-in., at 75c per doz., \$5.00 per 100.

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Wholesale Growers of Nursery Stock.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago

At Washington.

In a practice game for the convention tournament the following scores were made May 24:

Player.	1st.	2d.	3d.	4th.
Cooke	146	189	185	165
Supper	127	133	169	119
Simmons	153	199	198	145
Ernest	188	182	170	169
Shaffer	149	159	156	173
Lewis	117	186	...	...

S. E. ...

At Chicago.

The fourth game of the convention tournament series was rolled on Bensingers alleys on the evening of May 30. The following are the scores:

Player.	1st.	2d.	3d.	4th.
Stevens	214	181	223	183
E. F. Winterson	178	146	138	116
V. Kreitling	134	179	151	152
Balluff	103	154	156	155
Pasternick	112	117	115	142
Klunder	126	95	129	118
Asmus	142	180	147	151
Degnan	144	159	167	137
G. Scott	135	144	115	150
Hauswirth	150	159	...	123

In the ladies' series the following scores were made:

	1st.	2d.	3d.
Mrs. Scott	90	73	97
Miss Eastman	65	61	41
Mrs. Hauswirth	103	110	107
Mrs. Kreitling	120	109	100
Mrs. Asmus	74	87	88

Long Branch, Cal.

President Vaughan, of the Society of American Florists, was the guest of honor at the Board of Trade, this city, May 22, in company with S. P. Rees, E. R. Meserve and T. J. Corbrey. The visitor was taken around Long Beach, Signal Hill and vicinity. He afterward attended an informal dinner given by the Board of Trade at the Hotel Julian, and in response to greetings of the members of that body gave much valuable advice, practical to the last degree. All the residents in this community will take a greater interest in civic improvement after the stir-up given us by our distinguished visitor. E.

WALTHAM, MASS.—A new park is in the process of construction at Beaver street and Waverly Oaks road. The shrubbery is to be set out at the expense of Mrs. S. D. Warren by her gardeners.

Kaiserin Roses

Strong, healthy stock, 4-inch, 8c.; 3-inch, 3 1/2c. Old stock, Brides and Maids, 3c each. Write for prices on large lots.

MRS. A. M. SCHAFFER, 229 Balmoral Av., CHICAGO.

1,500 Small, Large and Extra Large Bay Trees FROM EUROPE.

Pyramids, Standards, Pyramid Standards at the right prices. For quotations apply to

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GOOD ROSES READY TO PLANT NOW. WELL GROWN PLANTS.

Brides and Maids, per 100.....\$3 00 5.00
Gates and Ivory, per 100..... 3 00 5.00
Meteors and Can. Queen, per 100..... 3 00 6.00
Hermosa, nice plants..... 3 00 5.00

Boston Ferns, 2 1/2-inch extra strong, \$4.00 per 100; 5-inch \$25.00; 6-inch \$40.00; 7-inch, \$60.00 to \$75.00. Very good value.

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High grade plants from 2 1/2-in. pots, clean and healthy, \$4.00 per 100; \$35.00 per 1000.

JOHN MUNO, ROGERS PARK, CHICAGO, ILL.

Rooted Cuttings

Prepaid per 100. Ageratum, Gurney, 50c. Giant Marg. Daisy, white, 75c. Alternantheras, best red, 2-in., \$1.50 by express.

ASTERS READY in the following kinds: Queen of Market, mixed; Giant Comet mixed; Semple's white, pink and purple, 40c per 100; \$3.50 per 1000. Cash.

BYER FLORAL CO., Shippensburg, Pa.

200,000 BEDDING PLANTS AT REDUCED PRICES.

First-Class Stock that will please. Geraniums, in bud and bloom, Nutt, Ricard, Double Gen. Grant, Poitevine, Buchner, Perkins, Castellane, strong, 3 and 4-inch, \$3.00 and \$4.50 per 100.

Verbenas, most in bloom, 2 and 3-inch, \$1.00 and \$2.00 per 100. Ageratum, Lobelia, strong, 2-inch, \$1.25 per 100. Coleus, Verschaffeltii, yellow and fancy, mixed; Alternantheras, German Ivy, strong, 2-inch, \$1.50 per 100. Begonia Vernon, red, pink, white, strong, 2 and 3-inch, \$2.00 and \$3.50 per 100. Petunias, Dreer, single, fringed, strong, 3-inch, blooming, \$2.50 per 100. Cannas, Freoch, mixed, strong, 4-inch, \$4.00 per 100. Salvia Bonfire and Splendous, extra strong, 2, 3 and 4-inch, \$1.25, \$2.00 and \$3.00 per 100; \$10.00, \$15.00 and \$25.00 per 1000. Cobaea Scandens, 3-inch, \$3.00 per 100. Dracaena Indivisa, strong, 4 and 5-in., \$6.00 and \$12.00 per 100. CASH. WM. HERZOG, Morris Plains, N. J.

Palms and Asparagus CHEAP.

Per 100
Lalania Bor., 2-in. pot, seed leaves.. \$ 3.00
" " 3-in. pot, 15-18 in., 3 chr. lvs... 12.00
" " 5-in. pot, 18-20 in., 3-4 chr. lvs. 15.00
" " 5-in. pot, 20-24 in., 4 chr. lvs. 20.00
Kentia Bel., 2 1/2-in. pot, 6-8 in., 2-3 leaves.. 10.00
" " 3-in. pot, 8-10 in., 3-4 leaves.. 12.50
Asparagus Plumosus Nanus, 2-inch..... 2.50
" " 3-inch..... 5.00

SHERMAN NURSERY CO., CHARLES CITY, IA.

It is good business policy to mention the

American Florist

...when writing to an advertiser

Wm. P. Craig Importer and Exporter..... Plants, Bulbs and Seeds. 1305 Filbert Street PHILADELPHIA. Please mention the American Florist when writing.

CHRYSANTHEMUMS Rooted cuttings from cool grown stock of the following varieties: American Beauty, globular dark pink; Dr. Enguehard, \$4.00 per 100. Merry Moorarch, white and yellow; Willowbrook, Polly Rose, Pacific, R. Halliday, Ivory, Robinson, Nellie Pockett, Bonaaffon, Lincoln, Mand Dean, Merry Christmas, \$1.50 per 100; \$12.50 per 1000. Cash with G. F. NEIPP, Jamaica P. O. order, please. Woodhaven Station AQUEDUCT, L. I., N. Y.

Please mention the American Florist when writing.

CHRYSANTHEMUMS.

Wm. Duckham, Dr. Enguehard, Helen Frick, John Burtoo, Robinson, Mrs. Jones, white and yellow, Balfour, Mrs. Coombes, Convention Hall, etc., etc., 2 1/4-in. pots, \$2.00 per 100, \$20.00 per 1000.

GERANIUMS.

Novelties, in full bloom, 4-10. pots, \$8.00 per 100; 2-10. pots, \$3.00 per 100.

No Better Stock in the Country.

HENRY EICHHOLZ, FLORIST, WAYNESBORO, PA. Please mention the American Florist when writing.

Chrysanthemums.

New and Standard Varieties.

Fine plants, now ready. 2 1/2-inch pots.

Write for List and Prices.

H. WEBER & SONS, OAKLAND, MD.

LAST CALL.

POMPON CHRYSANTHEMUMS.

To reduce a large stock of this popular type we offer strong plants of the BEST FLORISTS' VARIETIES from 2 1/4-in. pots, at \$2.50 per 100.

NATHAN SMITH & SON, ADRIAN, MICH.

ROOTED CUTTINGS OF

CHRYSANTHEMUMS

Opah, October Sunshine, Mme. Bergman, Willowbrook, Robinson, Major Bonnaffon and Ivory, all at \$10.00 per 1000.

VIOLETS, from 2-inch pots, Princess of Wales and Dorsett, single; Marie Louise and Lady Campbell, double, all at \$2.50 per 100; \$20.00 per 1000.

ELI CROSS, Grand Rapids, Mich.

LOOKING FOR A BUYER

JUST ABOUT NOW.

For \$5.00 I will send you 100 assorted CHRYSANTHEMUMS of the

very finest kinds, including Cheltoni, Why not write me? I can save you money on CHRYSANTHEMUMS.

Guy Hamilton, W. Duckham, Donald McLeod, and many others.

CHARLES H. TOTTY, Madison, N. J.

Syracuse, N. Y.

L. E. Marquisee has about 30,000 carnations planted in the field and all his stock is doing nicely. He is not yet through with his planting. Mr. Marquisee has received some samples of the Haines new red carnation from John E. Haines, of Bethlehem, Pa.

The demand for Decoration day has been large, all sorts of outdoor flowers and plants being eagerly sought for. Lily of the valley are nearly gone, although there were a few for this trade.

Wheadon & Hencle are doing a large business in bedding plants. This season they have adopted the piece system, charging so much a dozen for the plants used in making the beds.

Henry Morris is the only florist in town that has peonies in bloom. For some reason or other they have been backward this season.

The usual Decoration day exercises with the lavish use of flowers at the soldiers' graves were held Tuesday. A. J. B.

BALTIMORE, Md.—William J. Johnston is preparing to put up a three-story addition to his establishment at 221-223 West Madison street.

Chicago Carnation Co.
JOLIET, ILL.

Our plants are now in the field.
Write us for Fall delivery.

Please mention the American Florist when writing.

The Ledges Co., Inc.
BELLEVUE, King Co., Washington.

VIOLETS, 2 1/2-inch Pots.
Princess of Wales, California.
\$25.00 per 1000.

The Beautiful Pink Carnation

CANDACE

\$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Dissemination 1906. Early commercial.

INDIANAPOLIS FLOWER & PLANT CO., Indianapolis, Ind. JOHN HARTJE, Ind.

Pansies The Jennings Strain.

Fine cold-frame plants in bud and bloom. Finest mixed colors. Ready April 1st. Price, \$1.50 per 100. Cash with order.

E. B. JENNINGS, Lock Box 254, SOUTHPORT, CONN.
GROWER OF THE FINEST PANSIES.

Pierson Ferns

Bench grown, ready for 4, 5, and 6-in. pots, \$12.50, \$15.00 and \$20.00 per 100; strong, healthy stock. Cash.

Baur Floral Co., Erie, Pa.

S. S. SKIDELSKY,
824 No. 24th Street,
PHILADELPHIA.

Correspondence Solicited.

JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
ROSES, PALMS,
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

RED SPORT.
The great Christmas "Hollyberry" red Carnation. Most profitable red ever introduced, and an easy doer; everybody can successfully grow it. Strong plants from 2 1/4-in. pots, ready to plant in field or on bench inside. \$6.00 per 100; \$50.00 per 1000.

A. B. DAVIS & SON, Carnation Specialists,
PURCELLVILLE, VA.

Headquarters for **COLEUS**

Per 1000

Rooted cuttings of Golden Bedder and Verschaffeltii..... \$ 6.00
Rooted cuttings, mixed..... 5.00
2 1/4-inch pots..... 15.00
The above ready for shipment. Cash with the order.

J. E. FELTHOUSEN, Schenectady, N. Y.

New Rose Wellesley

Owa root plants. \$25.00 per 100.

Waban Rose Conservatories
JOHN N. MAY, Summil, N. J. Natick, Mass.

ROOTED CARNATION CUTTINGS

Per 100 1000

WHITE LAWSON..... \$6.00 \$50.00
FLAMINGO..... 6.00 50.00
ENCHANTRESS..... 3.00 25.00
THE QUEEN..... 2.50 20.00
CARDINAL, from 2-inch pots..... 12.00

Larchmont Nurseries,
Larchmont, N. Y.

CYCLAMEN
Splendens Giganteum Hybrids.

Finest strain in the world, in five true colors, extra well grown plants, from 2 1/4-inch pots, \$5.00 per 100, \$45.00 per 1000. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.
Please mention the American Florist when writing.

Special Offer.

15,000 SALVIA BONFIRE, strong plants, from 2-in. pots, \$1.50 per 100; \$14.00 per 1000.

5,000 GERANIUMS, Mme. Buchner (best white), 2 1/2-in., \$2.00 per 100; \$18.00 per 1000.

ASPARGUS PLUMOSUS NANUS, strong plants from 3-in. pots, \$5.00 per 100, while they last.

—CASH—

The W. T. BUCKLEY CO.
SPRINGFIELD, ILL.

CARNATIONS Rooted Cuttings

WHITE LAWSON.

The king of white sorts. A strong grower and a free bloomer. We have 5000 ready to be shipped. All orders will be filled in rotation. \$7.00 per 100; \$60.00 per 1000.

	Per 100	1000
Lady Bountiful.....	\$7.00	\$60.00
Mrs. M. A. Patten.....	6.00	50.00
Nelson Fisher.....	7.00	60.00
Daheim.....	6.00	50.00
Enchantress.....	3.50	30.00
Boston Market.....	2.50	20.00
The Queen.....	2.50	20.00
Mrs. T. W. Lawson.....	2.00	18.00
Gen. Maceo.....	2.00	15.00
Morning Glory.....	2.00	15.00
Mrs. G. M. Bradt.....	3.00	25.00
Melba.....	1.50	12.00
Queen Louise.....	1.50	12.00
White Cloud.....	1.50	12.00

GRAFTED ROSES.

We are now booking orders for future delivery. Write for prices.

WOOD BROS, Fishkill, N. Y.

Bulbs and Plants.

For florists' use, spring or fall delivery. We import to order. Let us appraise your wants.

AUGUST ROLKER & SONS, 31 Barclay St., NEW YORK, P. O. Box 752

60,000 GRAFTED ROSES For Forcing

EXTRA FINE HEALTHY PLANTS. FREE FROM MILDEW.

LIBERTY, rose pots, \$15.00 per 100; 3 1/4-inch pots, per 100..... \$ 18.00
BRIDES, BRIDESMAIDS, GOLDEN GATES, KAISERINS, rose pots, \$10.00 per 100, \$95.00 per 1000; 3 1/2-inch pots, \$15.00 per 100, per 1000..... 145.00

COLEUS.

VERSCHAFFELTII GOLDEN BEDDER, FIREBRAND, rooted cuttings, 75c per 100; per 1000..... \$6.00

SEND FOR PRICE LIST.

J. L. DILLON, Bloomsburg, Pa.

C. R. HILLS, Grand Rapids, Mich.

AMERICAN BEAUTIES, extra fine, 3-in.....	\$6.00 per 100
LA DETROIT, extra fine, 3-in.....	8.00 per 100
CHATENAY, PERLE and SUNRISE, 3-in.....	5.00 per 100
Cobaea Scandens, 2 1/4-in.....	2.00 per 100
" " extra fine, 3-in.....	4.00 per 100
German Ivy, 2 1/4-in.....	2.00 per 100
Shasta Daisy, 2 1/4-in.....	2.50 per 100
Christmas Peppers, 2 1/4-in.....	2.00 per 100

PRIMULAS for July delivery.

ASTERS Bentley's Famous Asters, extra fine stock, from 2 1/4-in. pots, \$2.00 per 100, \$17.50 per 1000.
American Branching, Hohenzollern, Queen of the Market and Carlson's, from bench 60c per 100, \$5.00 per 1000; from 2 1/4-in. pots, \$1.50 per 100, \$12.50 per 1000.
NICOTIANA SANDERAE, 2 1/4-in., \$1.00 per doz.

ROSES 2 1-2-in. Pot Plants.

Richmond.....	Per 100 \$30.00	Per 1000 \$250.00	Liberty.....	Per 100 \$ 5.00	Per 1000 \$45.00	Bridesmaid.....	Per 100 \$ 3.00	Per 1000 \$25.00
Rosalied Orr English.....	25.00	200.00	American Beauty.....	5.00	40.00	Bride.....	3.00	25.00
Perle von Godeberg.....	5.00	40.00	La Detroit.....	6.00	50.00	Ivory, Perle.....	3.00	25.00

AM. BEAUTY BENCH PLANTS, per 100.....\$5.00; per 1000.....\$40.00

CHATENAY, UNCLE JOHN and KAISERIN reduced to \$3.00 per hundred; \$25.00 per thousand.

All plants and rooted cuttings sold under the express condition that if not satisfactory they are to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave., CHICAGO.

SCOTTII The Most Graceful Nephrolepis Known

Retailers who have handled this fern are unanimous in proclaiming it the best Fern ever introduced.

Consult any grower who has bought Scottii and he will tell you that it is as far ahead of the Boston as that variety is ahead of all other introductions.

See my adv. on second cover page in American Florist of Feb. 25th.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

BRANCH:

E. 45th St. and Rutland Road, Flatbush. TELEPHONE, 1207 WILLIAMSBURG.

Please mention the American Florist when writing.

Poehlmann Bros. Company, Commercial Growers, Morton Grove, Ill.

Roses.	2 1/2-in.	3 1/4-in.
American Beauty.....	\$5.00	\$45.00
Chatenay.....	4.00	30.00
Uncle John.....	4.50	40.00
Bridesmaid.....	4.00	35.00
Golden Gate.....	3.50	30.00

Cut Back Benched Plants.	Per 100
American Beauty.....	per 1000, \$45.00
Meteor, Bride, Maid, Golden Gate, Chatenay..	\$2.50

Chrysanthemums.

WHITE	R. C.	2 1/2-in.	3 1/4-in.
Willowbrook.....	\$1.50	\$2.50	
Estelle.....	1.50	2.50	
Kalb.....	1.50	2.50	
Robinson.....	1.50	2.50	
Ivory.....	1.50	2.50	
Jerome Jones.....	1.50	2.50	
Wanamaker.....	1.50	2.50	
Timothy Eaton.....	2.00	3.00	
W. Bonnaffon.....	2.00	3.00	
Chadwick.....	2.50	3.50	
Crawford.....	2.00	3.00	
Merry Christmas.....	1.50	2.50	

YELLOW	R. C.	2 1/2-in.	3 1/4-in.
Monrovia.....	2.00	3.00	
Parr.....	1.50	2.50	
Sunshine.....	1.50	2.50	
Whildin.....	1.50	2.50	
Halliday.....	1.50	2.50	
Appleton.....	2.00	3.00	
Bonnaffon.....	1.50	2.50	
Reiman.....	2.50	3.50	
Yellow Eaton.....	2.50	3.50	
Chautauqua Gold.....	2.00	3.00	
Nagoya.....	2.00	3.00	

PINK	R. C.	2 1/2-in.	3 1/4-in.
Lady Harriet.....	2.00	3.00	
Pacific.....	1.50	2.50	
V. Morel.....	2.00	3.00	
Perrin.....	1.50	2.50	
Xeno.....	2.00	3.00	

Chrysanthemums.

(Continued.)	R. C.	2 1/2-in.	3 1/4-in.
PINK	Per 100	Per 1000	
Maud Dean.....	\$1.50	\$2.50	
Quito.....	1.50	2.50	
Pink Ivory.....	1.50	2.50	
Shaw.....	1.50	2.50	
Lady Hanham.....	2.00	3.00	

RED	R. C.	2 1/2-in.	3 1/4-in.
Intensity.....	2.00	3.00	
Shrimpton.....	2.00	3.00	

NEW VARIETIES	R. C.	2 1/2-in.	3 1/4-in.
White	doz.	doz.	Per 100
Emily Mileham.....	\$4.00	\$5.00	\$40.00
Mme. Paul Sohut.....	4.00	6.00	40.00
N. Pockett (cream).....	.50	.75	4.00
Majestic... R. C., per 100	\$10.00		15.00
Adella... R. C., per 100, 10 00			15.00

Yellow	R. C.	2 1/2-in.	3 1/4-in.
Mrs. Wm. Duckham.....	6.00	7.50	60.00
(Cup Winner)			
Merstham Yellow.....	4.00	5.00	40.00
Kimberly.....	.60	.75	
Prima.....	.60	.75	
Plumridge... R. C., per 100	\$2.00		3.00
T.W. Pockett. R.C., per 100	\$1.50		2.50

Pink	R. C.	2 1/2-in.	3 1/4-in.
American Beauty.....	\$2.50	\$4.00	
Cobhold.....	2.50	4.00	
McNiece.....	2.50	4.00	
Ben Wells (light pink).....	2.50	4.00	
Lella Filkins.....	2.50	4.00	
Etherington.....	2.50	4.00	
Dr. Enguehard.....	2.50	4.00	
Marie Liger.....	2.50	4.00	
Coombes.....	2.50	4.00	
Wm. Duckham.....	2.00	3.00	

Red	R. C.	2 1/2-in.	3 1/4-in.
Sport of Duckham.....	1.50	2.50	
Lord Hopetoun.....	.75	1.00	

Stevia.

Rooted cuttings, per 100.....	\$ 1.50
Rooted cuttings, per 1000.....	12.50
2 1/2-in., per 100.....	2.50
2 1/2-in., per 1000.....	25.50

Orders for less than \$2.00 not accepted.

Headquarters for Finest Cut Roses, Carnations and Other Cut Flowers.

Poehlmann Bros. Co., Morton Grove, Ill.

Please mention the American Florist when writing.

Orchids

INDIAN ORCHIDS. Just arrived in fine condition an extra fine lot of the following varieties: Dendrobium Wardianum, Dendrobium crassinode, D. thyrsiflorum, D. Devonianum, Cypripedium Boxallii, Cymbidium Lowianum. Also Cattleya Warneri, Laelia orispa and Oncidium varicosum Rogersii.

FRED. VARDEN,
26 Summerfield St., Fall River, Mass.

Orchids!

Arrived in superb condition direct from the woods the following **ORCHIDS:** Cattleya lablata, C. Warneri, C. Dowiana, Laelia flava, Miltonia candida, Dendrobium chrysotoxum and Burlingtonia fragrans. Write for special list, also catalogue of established orchids.

Lager & Hurrell, SUMMIT, N. J.
Orchid Growers and Importers.

Please mention the American Florist when writing.

ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the World.

SANDER, St. Albans, England.

Agent, A. DIMMOCK, 31 Barclay St., NEW YORK CITY
Please mention the American Florist when writing.

HINODE FLORIST CO.

...JAPANESE NOVELTIES...

TINY PLANTS, in 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100.

RHAPIS, 5 to 15 shoots, 50 cents each.

CASH WITH ORDER.

LARGEST GROWERS OF EASTER LILIES.

WOODSIDE, N. Y. and WHITESTONE, L. I., N. Y.

Please mention the American Florist when writing.

Smilax. Sprengeri.

Well grown, carefully packed plants, in any quantity, \$1.50 per 100; \$12.50 per 1000. —150,000 to select your order from.—

PLUMOSUS, DEFLEXUS, DECUMBENS, GERANIUMS, PANSIES.

Send for Summer Price List.

ALBERT M. HERR, Lancaster, Pa.

Please mention the American Florist when writing.

St. Paul.

GOOD MARKET.

We are now enjoying the finest kind of weather, which is quite different from what we experienced during the first half of the month. Business has been very good the past week owing a good deal to funeral work. Lilac and flowers of like nature are just coming into bloom, which will be very unfortunate for the cut flower business for Decoration day, as it usually cuts business nearly in half and the indications are that stock will be very good and quite plentiful.

Some of the growers of spring plant stock have tried to advance prices above former years, but several others are retailing their geraniums at \$1 to \$1.50 per dozen, which knocks the bottom out of it. We have heard some talk of forming a club to get together and agree on prices, which will allow a little profit at least.

E. O. Lovell, Grand Forks, N. Dak., was a recent visitor.

Utica, N. Y.

FLORISTS' CLUB MEETING.

The Utica Florists' Club held its annual election of officers May 4 at the office of Dr. W. A. Rowlands, the following being elected: President, Frank J. Baker; vice-president, Seward Hakes; secretary, J. C. Spencer; treasurer, Charles F. Seitzer.

At the last meeting of the club it was decided to hold meetings during the summer at the homes of the florists. The next will be held at the office of the president, Frank J. Baker, 59 Cornelia street, June 1.

During the past month an unusual number of prominent citizens have been called to their rest and the florists have been kept busy with funeral work.

The bedding season is now at its height here. There are plenty of good plants and the season promises to be a good one.

William Hermant, of Deerfield, will tear down and rebuild some of his old houses. He will also add one new one.

Frank McGowan is preparing to move into his newly purchased greenhouses on Sunset avenue.

FREE LAWN AND THEIR CARE

Every lover of beautiful Lawns should send for this interesting and instructive little book called "Lawns—Their Making and Their Care." Valuable information compiled from Government and expert gardening sources, also interesting information about the new Seamless Tube "Bull Frog" Brand Lawn Hose, "the kind that lasts."

THE TOLEDO RUBBER CO.
412 Summit St. Toledo, Ohio

Please mention the American Florist when writing.

MODEL EXTENSION

Carnation Supports
Galvanized Wire Rose Stakes, Tying Wires, Single & Double Pot Hangers.

Igoe Bros., 226 North 9th St. BROOKLYN, N. Y.
Please mention the American Florist when writing.

THOSE RED POTS
"STANDARDS"
FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.
DETROIT FLOWER POT 'MFY.,
HARRY BALSLEY, DETROIT, MICH.,
Rep. 490 Howard St.,

Standard Flower Pots

The WHILLDIN POTTERY COMPANY,
PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

THE KELLER POTTERY COMPANY,

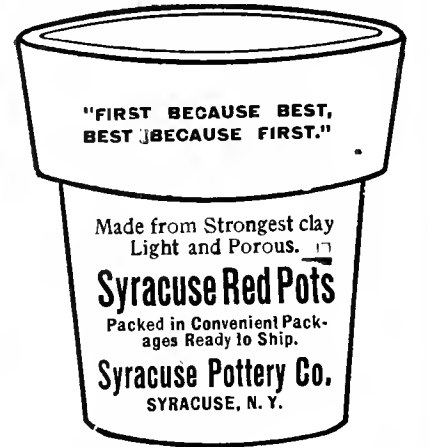
Manufacturers of **FLORISTS' RED STANDARD POTS.**

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.



Please mention the American Florist when writing.



Please mention the American Florist when writing.

CUT FLOWER BOXES WATERPROOF Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

Size No.	0.	3x 4x20	.....	\$2.00	\$19.00
"	1.	3x 4 1/2 x 16	.....	1.90	17.50
"	2.	3x 6x18	.....	2.00	19.00
"	3.	4x 8x18	.....	2.50	23.00
"	4.	3x 5x24	.....	2.75	26.00
"	5.	4x 8x22	.....	3.00	28.50
"	6.	4x 8x28	.....	3.75	36.00
"	7.	6x16x20	.....	5.50	54.00
"	8.	3x 7x21	.....	3.00	28.50
"	9.	5x10x35	.....	6.50	62.00
"	10.	7x20x20	.....	9.50	67.50
"	11.	3 1/2 x 5 x 30	.....	3.00	28.50

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
Box 104. COLUMBUS, OHIO.
Please mention the American Florist when writing.

WRITE
A. F. Kohr
1521-23 N. Leavitt St., CHICAGO, ILL.,
FOR PRICES OF
Standard Pots which for strength and porosity combined are the best on the market
Please mention the American Florist when writing.

Standard POTS
Flower...
If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....
W. H. ERNEST,
38th and M Streets, WASHINGTON, D. C.

RED POTS
SAMPLE POT AND PRICE LIST ON APPLICATION.
C. G. POLLWORTH CO., MILWAUKEE, WIS.

Kramer's Pot Hanger

The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them

FOR SALE BY WHOLESALE SEEDSMEN, FLORISTS AND SUPPLY DEALERS.
Price with wire chain as shown in cut, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.

STANDARD FLOWER POTS!
Packed in small crates, easy to handle.

1500 2-in., in orate,	\$4.88	120 7-in., in orate,	\$4.20
1500 2 1/2 " "	5.25	60 8 " "	3.00
1500 3 " "	6.00	HAND MADE.	
1000 3 " "	5.00	48 9-in., in orate,	\$3.60
800 3 1/2 " "	5.80	24 11 " "	3.60
500 4 " "	4.50	24 12 " "	4.80
320 5 " "	4.51	12 14 " "	4.80
144 6 " "	8.16	6 16 " "	4.50

Seed pans, same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address
HILFINGER BROS. POTTERY, Fort Edward, N. Y.
Or **AUGUST ROLKER & SONS,** New York Agents,
31 Barclay Street, New York City.

Please mention the American Florist when writing.

GEO. KELLER & SON, MANUFACTURERS OF **FLOWER POTS.**
Before buying write for prices.
361-363 Herndon Street, near Wrightwood Ave., CHICAGO, ILL.

FLORISTS' SPECIALS.....

"Kinkaid" Hocking
 Kanawha Splint
 Lower Vein Brazil Block
 Genuine Smokeless Pocahontas
 Sullivan County Indiana Lump

COAL

We are direct agents. Write for prices for immediate shipment or season's supply.

GLOBE COAL COMPANY, 1560-1570 Old Colony Building, CHICAGO.

**Clipper
 Lawn
 Mower
 Co.** DIXON,
 ILL.

The Mower

that will Kill all the Weeds in Your Lawn. If you keep the weeds out so they do not go to seed and cut your grass without breaking the small feeders of roots, the grass will become thick and the weeds will disappear.



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ADVERTISED NOW.

New Orleans.

The New Orleans Horticultural Society held its monthly meeting May 18. The outing committee tendered its report, and among the different places submitted, Grand Isle, which proved on several previous occasions a very satisfactory trip, was again chosen. The committee appointed to select a suitable society emblem was given more time to report at next meeting. C. W. Eichling expressed the opinion that by giving semi-annual prizes for the best kept gardens the local people were encouraged to keep their gardens in better condition and at the same time add to the general beauty of the city. A letter was read from Miss Helen Pitkin, state president of the Louisiana branch of the International Sunshine Society, stating the willingness of the branch to assist the horticultural society in its efforts to give a flower show here next November.

Several members brought some rare and beautiful specimens of flowers. Metairie Ridge Nursery Company showed pure white Gladiolus White Lady and splendid flowers of Gardenia Florida grandiflora; Richard Eichling, manager of U. J. Virgin's nursery, exhibited a few flowering Brassavola Digbyana and an Epidendrum speciosum with a three foot flower-spike; J. A. Newsham, a new dwarf variety of Tritoma Pfitzeri; B. M. Wichers, Gretna, La., Nelumbium speciosum.

Richard Eilers, W. C. Wichers and Fred Ziegler were elected members of the society.

The Gardeners' Mutual Protective Association gave a grand May festival and picnic May 21 at Southern park in celebration of their thirtieth anniversary. The grand parade was headed by a beautifully decorated float containing all the different kinds of products grown by local truck gardeners. CRESCENT.

Pittsburg.

THE MARKET.

The retail business for last week was a great improvement over the preceding week and the outlook for the month is bright. The wholesale houses of this section report business conditions to be very satisfactory. The shipping business especially is constantly increasing. American Beauty roses continue to be in great demand. Kaiserin is especially fine, fine Bridesmaid scarce, and other grades of roses are plentiful. Carnations continue to be fine and move quickly.

Bedding stock was never more in evidence than at present. Yet, within a few days this stock will be at a premium regardless of the enormous quantities on sale.

NOTES.

Randolph & McClements decorated the temporary banquet hall and forty-five long tables in the Westinghouse shops on May 16 for a luncheon given by the Westinghouse Company to the international railroad congress. About 800 guests were served and the decorations were elaborate and costly. When the guests entered the banquet hall they were greatly impressed with the beauty of the scene.

J. B. Murdoch & Company's new houses are now in course of construction. The structural work is being done by Lord & Burnham. The walls of the houses are to be concrete and the benches of tile. The plant will probably be finished early in July. This firm

planted 25,000 carnations in the field recently and report them in a perfect condition.

The remains of Joseph Zimmerman, a young florist of this city, who was drowned at Santa Monica, Cal., several weeks ago, arrived here May 21, and the funeral was held on the following afternoon.

The Florists' Exchange has had a great run on American Beauty, Queen of Edgely, and carnations during the past week.

T. P. McCormick is no longer with the Pittsburg Florists' Exchange. E. J. McCallum is now in charge.

The Pittsburg Rose and Carnation Company is making daily cuts of extraordinary fine Kaiserin.

One can hardly move on the sidewalks these days without bumping into a curb-stone florist.

Blind Brothers are disposing of an enormous quantity of bedding stock.

P. Deemas and wife expect to spend the summer months in Greece.

A. M. Murdoch is displaying some fine gladioli.

E. L. M.

ASBURY PARK, N. J.—M. H. Kruschka, the Elberon florist, has opened a branch establishment on West Asbury avenue.

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STOCKS and DIES New Economy, best made, No. 1 threads, $\frac{1}{2}$ -in., $\frac{3}{4}$ -in., 1-in. pipe, \$3.00. No. 2 threads, 1 $\frac{1}{4}$ -in., 1 $\frac{1}{2}$ -in., 2-in. pipe \$4.00.

PIPE CUTTERS New Saunders Pattern. No. 1 cuts $\frac{1}{2}$ -in.-1-in. pipe, \$1.00. No. 2 cuts 1-in.-2-in. pipe, \$1.30.

STILLSON WRENCHES New, 18-in., grips $\frac{1}{2}$ -in.-2-in. pipe, \$1.65; 24-in., grips $\frac{1}{2}$ -in.-2 $\frac{1}{4}$ -in. pipe, \$2.40; 36-in., grips $\frac{1}{2}$ -in.-3 $\frac{1}{4}$ -in. pipe, \$4.75.

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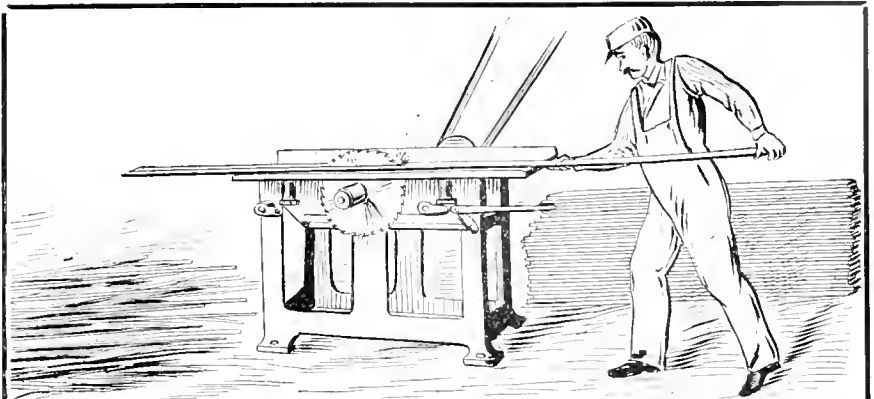
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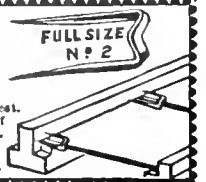
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The Allied Trades

Descriptive particulars—with drawings or photographs, if possible—of any new apparatus or device which may prove helpful to the trade are solicited for this department.

The Glass Market.

Glass is still unsettled in price, according to the Lumberman, although demand is fair and stocks only moderate. In some of the larger sizes the stock on hand is really light, but values all through are unaccountably weak, indicating underlying trouble which is not apparent on the surface.

Hall Notes.

Fairbury, Ill.—A severe hail storm visited this city on the afternoon of May 29, causing heavy losses to the florists. A. Milne lost about one-third of his glass, John Milne & Son lost about 500 square feet and J. A. Sheaff lost about 250 square feet. Kring Brothers suffered the heaviest loss, nearly 5,000 square feet of glass being broken. A new house, 30x300 feet, just glazed, had 1,000 panes, 16x18 inches, broken out.

Cheap Steam Pipes.

The practicability of using old water mains and boiler flues for steam pipes has often been discussed. The following method has been tried and found satisfactory: A smaller sized pipe is inserted about a foot and calked with oakum and concrete. First drive in a ring of oakum to the end of the smaller pipe, and follow with concrete wedged in with oakum. Fill the space between the pipes in this way. This steam piping has been used under thirty pounds pressure, does not leak and gives much satisfaction.

Seattle, Wash.

At the regular monthly meeting of the Seattle Florists' Association it was decided to hold a chrysanthemum show sometime between November 10 and 20, the date to be decided on at the next meeting. This exhibition will be open to florists of the United States and Canada, and will be the first show of its kind ever held in this city. Premium lists can be had from the secretary.

The spring trade is about over and the growers are well satisfied. They are cleaning out carnation houses and are going to plant indoors out of pots. The Seattle Floral Company has already planted one house of Enchantress.

Alfred Peterson, of the Woodland Park Floral Company, will leave here next month to visit his home in Sweden. He also intends to visit Holland, France and England. J. C. R.

Los Angeles, Cal.

The horticulturists of this city and vicinity gave a rather memorable reception to a visiting delegation from San Francisco at the Union League Club May 18. H. Plath, California vice-president of the Society of American Florists, headed the delegation which was made up of Frank Pelicano, P. Ferrari and H. M. Sanborn, of Oakland, who was accompanied by Miss Sanborn. Following the reception a dinner was

given by President Vaughan, of the Society of American Florists, at which ninety-eight were present. Captain F. E. Gray acted as chairman and welcomed the visitors, H. M. Sanborn giving the response. The local florists, Morris Goldenson, J. W. Wolfskill, Miss Lord, O. C. Saakes, Thomas Wright and others, supplied the decorations.

All branches of the trade were present and short speeches were made in order by nearly everyone. At the close, Captain Gray, on motion, appointed a committee of nine to consider arrangements for forming a local organization. It was the prevailing opinion that the time and conditions demanded for the good of all the trade that a live and strong horticultural society could be and should be formed in southern California. Those present honored William Farrell, the veteran gardener, by drinking his health standing, with Mr. Farrell elevated on a chair. His response was, "God bless you all."

The ladies were entertained at dinner and by a theater party, in charge of Miss Ethelind Lord. The visitors were driven about the city, through Pasadena, Wednesday and Thursday, and taken to Catalina Island Friday. The local committee of arrangements consisted of A. F. Borden, Dietrich & Huston, Captain F. E. Gray, Morris Goldenson, Howard & Smith, E. H. Rust, O. C. Saakes, J.

W. Wolfskill, Thomas Wright and Henry Albers.

We are greatly indebted to Messrs. Vaughan and Plath for waking us up to grasp the opportunities of the day and to organize for our future welfare and the advance of horticulture. D. R. W.

Columbus, O.

The constant heavy rains are interfering with the work of bedding. There is danger, too, of losing some of the young carnations where they are planted in low lands. Several washouts have been reported. There is a brisk demand for veranda boxes this season and the outlook is that stock best suited for this work is running short. Snowballs are now in their glory and many are being used as the predominating flower at receptions and weddings. The cut of roses and carnations still holds up well.

August Littig who has been known to the trade for the past thirty years and who has been transferred to the state hospital is reported as getting along nicely and will soon be with his friends again. CARL.

PROVIDENCE, R. I.—The regular meeting of the Rhode Island Horticultural Society was held May 17. W. H. Tarbox read an interesting paper on asters. Three new members were enrolled.

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Columbus, Ohio.

We had a very good spring trade and are well cleaned up. The demand for vegetable plants was very good to date and is still active. Strawberry plants were sold to the last plant, and other small fruits almost likewise. In the greenhouse line our leaders, Dwarf Rambler and Telegraph geranium, had a big run. We now have a lot of 4-inch Telegraph geraniums in bloom which are admired by everyone, and we believe it will be a standard variety in the future.

At Easter our best seller was Spirea Gladstone, which we had in excellent shape. We had a large supply, but they all went long before the last hour, and customers called for more.

We now have Gladys Unwin sweet pea in bloom under glass. This variety easily ranks first as the finest sweet pea out, and sets Prima Donna far in the background.

We tried Coreopsis lanceolata for cut flowers under glass and find it a big hit here. W.

VERSAILLES, Mo.—The summer meeting of the Missouri State Horticultural Society will be held in this city June 13 to 15. An elaborate programme has been arranged.

MUSHROOM SPAWN.



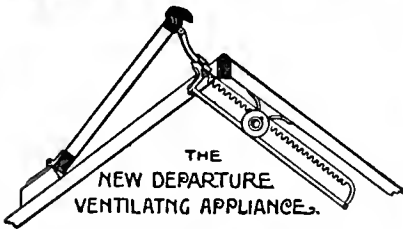
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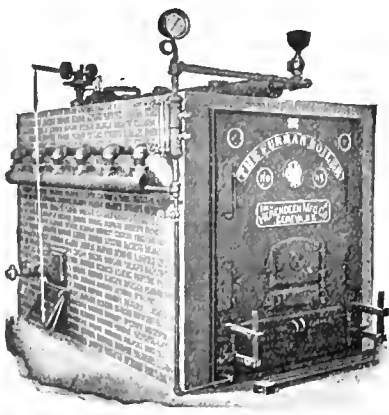
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Dusty Miller—Extra fine, 3-in. pots, \$2.50 per 100; a bargain; cash. Geo. M. Brinkerhoff, Springfield, Ill.

Ferns—Boston, fine, 5-in., \$20 per 100. Ludvig Mosbaek, Oenarga, Ill.

Ferns—Boston ferns, 5-in., 30c each. Geo. M. Emmans, Newton, N. J.

Ferna—Pierston ferns ready for 4, 5 and 6-in. pots, \$12.50, \$15 and \$20 per 100. Baur Floral Co., Erie, Pa.

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Ivy—German ivy, 2½-in., \$2 per 100. C. R. Hills, Grand Rapids, Mich.

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Roses—A. Beauty, 2½-in., \$5 per 100, 3½-in., \$7 per 100, \$45 per 1,000; Chateaux, 2½-in., \$4 per 100, 3½-in., \$5 per 100, \$30 per 1,000; Uncle John, 2½-in., \$4.50 per 100, 3½-in., \$6 per 100, \$40 per 1,000; Bridesmaid, 2½-in., \$4 per 100, 3½-in., \$5.50, \$35 per 1,000; G. Gate, 2½-in., \$3.50 per 100, 3½-in., \$5 per 100, \$30 per 1,000. Cut back beheaded A. Beauty, \$45 per 1,000; Meteor, Bridesmaid, Bride, G. Gate, Chateaux, \$2.50 per 100. Pochmann Bros. Co., Morton Grove, Ill.

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- Leikens, 7 E. 33d St., N. Y.
- Mills The Florist, 36 W. Forsyth St., Jacksonville, Fla.
- Park Floral Co., The, Denver, Colo.
- Palmer's, Buffalo, N. Y.
- Rock, Wm. L., Flower Co., Kansas City, Mo.
- Shaffer, 14th and Eye Sts., Washington, D. C.
- Slevyers & Boland, 33 Post St., San Francisco, Cal.
- Weber, Fred C., 4320-28 Olive St., St. Louis, Mo.

Supplies, Sundries, Etc.

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Supplies—Makers of wire designs and florists' supplies. Cleveland Cut Flower Co., Cleveland, Ohio.

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Supplies—Importers and manufacturers of florists' supplies. L. Baumann & Co., 78 Wabash Ave., Chicago.

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Paint, Putty, Etc.—H. M. Hooker Co., 59 W. Randolph St., Chicago.

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If you do not find what you need in our Ready Reference Department, write us about it.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

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THE AMERICAN CARNATION SOCIETY.

Annual convention and exhibition at Boston, 1906. PETER FISHER, Ellis, Mass., president; ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., March, 1906. ALEX. MONTGOMERY, Natick, Mass., president; Wm. J. STEWART, 11 Hamilton Place, Boston, Mass., secretary.

AMERICAN PEONY SOCIETY.

Exhibition at Chicago June 16-17. C. W. WARD, Queens, N. Y., president; ARTHUR H. FEWKES, Newton Highlands, Mass., secretary; J. B. DEAMUD, 51 Wabash Avenue, Chicago, exhibition manager.

**Ready
Reference
Advertising
Pages 939
to
943.**

THE ROSE.

Carried Over Plants.

AMERICAN BEAUTY.

There is a difference of opinion, perhaps, among some of the smaller growers as to the advisability of growing the same plants two years in succession. But there are times when this must be done in order to have flowers cut from indoor roses every month in the year. All of the growers who have from fifteen to fifty houses devoted to rose culture have been carrying over their stocks for one, two and three years with the best of success. There is nothing novel in the idea; but there may be a few who would like to do this for the first time, and I will try to make things clear in the matter of handling them to produce the best results.

In the first place the plants to be carried over must be in a good, healthy condition, otherwise the result of growing them another season will be a failure. If the plants to be carried over have been planted and grown one season in solid beds, it will be comparatively easy to shape them up. If there is plenty of head room, they can be carefully pruned, which means the removing of all the twiggy growth and pruning the tops back to good, strong eyes. Do not prune the plants so as to have them all of one height, but let each be pruned according to the growth it has made. Unhealthy plants should be removed and if possible replaced by others of the same age and variety, or strong growing plants of the same variety, to keep the stocks from getting mixed at propagating time.

After pruning, the soil must be removed from between the plants, care being taken to leave the roots undisturbed within three or four inches of the base of each plant, which will leave a kind of ball around which the new soil is to be applied. About one-third of the old soil should be removed in as careful a manner as possible and replaced with fresh soil from the compost pile, adding sufficient finely chopped cow manure and ground bone to bring the manure proportion up to almost one part manure to three parts soil, or, in other words, make the soil richer than for planting the young stock. It must be remembered that considerable of the old soil will have to be left under the plants. Fill in around the plants with the fresh soil, and pound it down firmly. The free

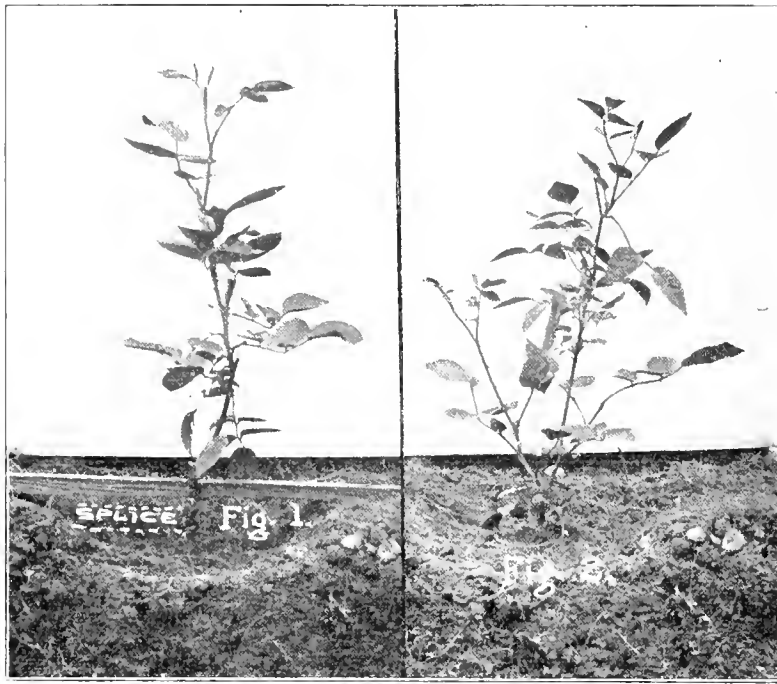
use of water should be kept in check until new roots have formed in the fresh soil. Too much water immediately after pruning will force out of the stock a weak sickly growth which is hard to overcome.

The question is often asked, Can American Beauty plants be grown for two years successfully? Providing one is skilled in growing this variety, and understands the amount of water a plant requires, which one must do to be a successful American Beauty grower, it can be carried over profitably, if one has strong healthy plants on benches. For best possible results I would advise transferring the plants from the benches to solid beds and planting not later than July 1. Prune the plants back hard, as shown in Fig. 3, which also shows the proper amount of soil to leave on the plants.

A good plan is to stop watering when pruning is commenced, syringing daily. The soil will then become dry enough in four or five days to permit of lifting the plants without loosening the soil from the roots, when they can be taken up with a ball, as in Fig. 3. Enough help should be employed in pruning to complete a house by the time the soil is sufficiently dry for removing the plants. While the plants are being pruned the beds can be prepared to receive them. Figure 3 shows a section of a bench, used only to make the photograph, from which the illustration was prepared. The solid bed should be well drained and filled with a good stiff soil. There should be about six inches of soil in the benches, filling them level to the top.*

Now mark off, on the edge of the bed, where it can be plainly seen, the distance at which the plants are to be placed in three rows. The bench should be about three feet six inches wide, for four rows about a foot wider. It will be found, however, that three rows are more conveniently handled than four. The plants should be at least eighteen inches apart in the rows. One man on each side of the bench can attend to the planting. Open up a trench across the bed for the first three plants, or four, as the case may be; place them at about the same depth they were previously planted and draw the soil around them evenly. This will raise the soil much higher than the sides of the benches on account of the additional soil brought in on the

* (Directions for mixing American Beauty compost appeared in this department April 15.—Ed.)



ROSES CARRIED OVER.

(Fig. 1, grafted plant. Fig. 2, plant on its own roots.)

plants, but it will pack down to the proper level, which is slightly below the siding of the bench. The quickest and best way is to plant one bench loosely, then go over it and pack the soil, leaving it smooth and level. This work should not be done hurriedly or in a careless manner. While pounding down the soil care must be taken to avoid smashing the ball attached to each plant. After everything is in readiness for the water, apply it slowly, and not too freely at first, completing the watering of several houses later to keep the soil from getting mucky. Syringing lightly over the tops of the plants while planting will keep them nice and fresh on a hot day. The plants should be allowed to dry up a little before again watering, but they must be syringed regularly twice a day for some time.

The ventilating must be carefully looked after during the first three or four days. The houses should be kept partly closed, to keep the draught from striking the plants. After root action has started in the new soil the plants will take more water and a free circulation of air must then be given them.

BRIDE AND OTHER TEA ROSES.

In carrying over Bride, Bridesmaid, Golden Gate and other tea roses, the treatment differs very little from that of American Beauty. Removing them from the benches in the same way, or growing them another season in the solid beds they have occupied the previous season, I find that I get better blooms from Bride, Bridesmaid and Golden Gate the second year, but not quite so many buds. The difference is in favor of the second-year plants, but instead of pruning them back as hard as American Beauty, I prefer to prune them as shown in Fig. 4, and tie them over, distributing the wood evenly over the entire surface of the beds.

The proper height at which to bend them depends on the height of the plants after pruning, but they should be high enough above the soil to make it an easy

matter to work the beds. To keep the plants from drawing away from the outside line of the bed, and to retain them at about uniform height, run a wire the full length of each row at the height to which it is desired to grow the plants and about every ten feet fasten a wooden rod to act as a spreader and keep the wires from drawing in while tying down the plants. Follow out the directions for watering, ventilating, etc., as given for American Beauty, and the second-year plants will be all that one can expect from the best of young stock.

Figure 1 shows the method of planting young grafted stock as referred to in my last article. The soil is not packed, but will settle at least an inch after firming. Fig. 2 represents a plant on its own roots, showing five inches of soil not packed. Fig. 5 shows two plants in 3-inch pots. The plant to the left is healthy and vigorous, while the other

shows the effect of becoming pot-bound, suffering a loss of foliage and otherwise a set-back that renders it practically worthless from a grower's standpoint. The remedy is systematic care from the cutting stage to the growing benches, in which they are to be a source of profit, or otherwise, according to the skill of the grower. E.

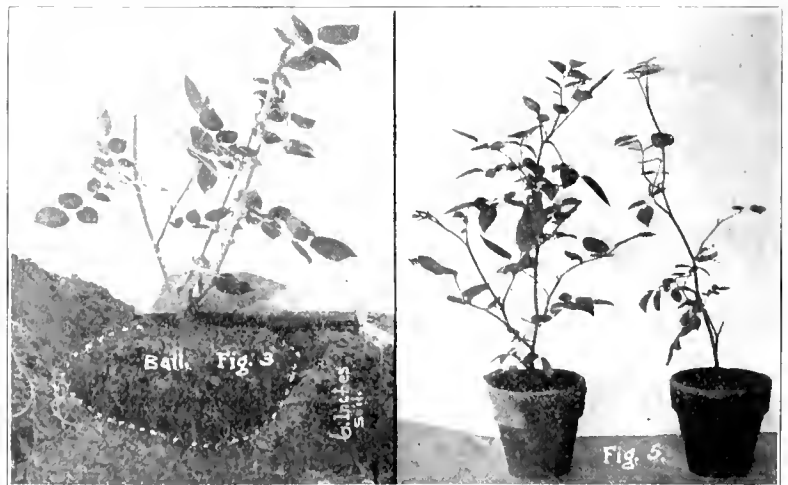
Home Grown Bulbs.

The Department of Agriculture, Washington, D. C., has been watching with considerable interest the efforts of parties throughout the United States to grow Dutch bulbs, and we have recently received a catalogue from Poat Brothers, Ettrick, Va., quoting on certain varieties of narcissus. Some of these varieties we tried on the department grounds last year and found them very satisfactory. The bulbs of Emperor gave magnificent flowers, stems over eighteen inches long in the greenhouse, and flowers as large as any we have seen from the best imported stock.

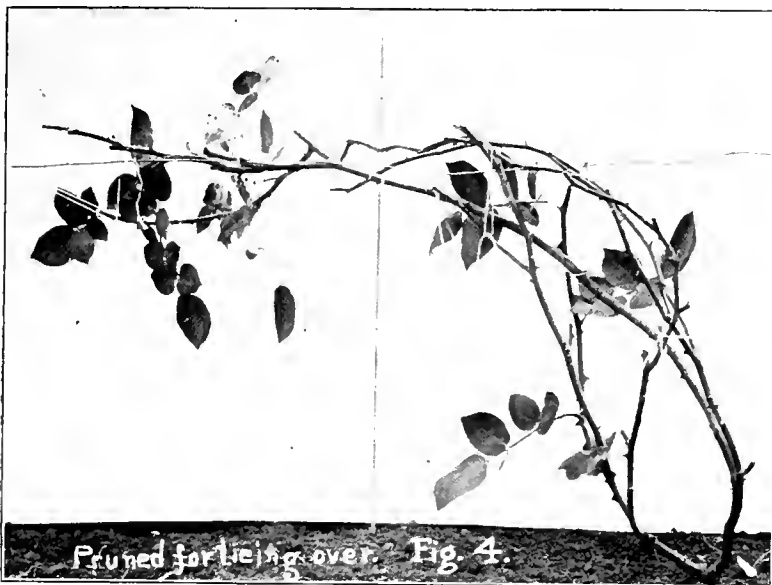
Outdoors in the department trial grounds these bulbs were tried in comparison with those from three European houses, including one firm that has a very wide reputation for its narcissus, and the Virginia bulbs were decidedly the best of the lot. N. Princens was also very satisfactory and N. Poeticus Poetarum was just as good as any others, although not any of them attained the high standard of Emperor.

It may be of interest to know that the flowers of N. Emperor, grown in our greenhouses from Virginia grown bulbs, were used on President Roosevelt's table on the occasion of one of Mrs. Roosevelt's dinners. The newspapers the next day made particular reference to the fine quality of the bloom. We consider that it is only a matter of time and careful attention to detail when a great many of these bulbs shall be produced in the United States. Of course, whether the growers can compete in price with Europeans is a matter for them to decide.

Another matter that may interest your readers is the plan of the department for a display of gladioli during the meeting of the Society of American Florists. We have been in consultation with Mr. Groff and Dr. Van Fleet and have arranged for a collection of



ROSES CARRIED OVER.—See article.



ROSES CARRIED OVER.
(Bridesmaid pruned for tying.)

gladioli which we think will be unique and interesting. The collection is not intended primarily as a display to show the best blooms, but will be arranged by classes, all the well known groups of gladioli being represented in each case by the varieties which the most prominent growers consider the choicest varieties in that class.

We have placed with each of the firms from which we have ordered a request that they make their own selection from each class, consequently the varieties represented will not show what any official here considers the best, but will show what the growers themselves consider the choicest varieties.

There will also be, so far as we have been able to secure them, samples of the species the blood of which has entered into the formation of these different classes, also a section for Groff's hybrids, which will, of course, form a section by themselves. A. J. PIETERS.

Arnold Arboretum Lilacs.

The thousands that annually seek the Arnold Arboretum, Boston, Mass., to enjoy the wonderful display of syringas, commonly known as lilacs, which Jackson Dawson has planted, took advantage of the beautiful weather of the Sunday before Memorial day and paid this collection their yearly call and were certainly well repaid for their time and trouble. The double row of bushes, nearly a thousand feet long, between the footpath and the roadway, was certainly a magnificent sight and our photograph gives but a faint idea of the fine collection. All the afternoon a continuous line of pedestrians on one side and vehicles on the other enjoyed the display. The double flowering crabapple tree was also admired by thousands throughout the afternoon. W.

Potting Orchids.

The potting of orchids is a subject in which great care, skill and judgment are required. The operator has many points to consider, says a Gardening World correspondent. Most epiphytal orchids require an abundance of drainage, and

to be slightly elevated above the rim of the pot, but a great difference of opinion has been raised by successful men, for some succeed under totally different circumstances as to the soil used. I once obtained from a nurseryman an *Oncidium flexuosum* in the pink of condition, growing in leaf-mold without any crocks whatever, and in course of time, as it wanted repotting, I naturally potted it in leaf-mold again, very similar to what it came out of, viz., oak leaves just after they had fallen. The result was, the plant did no good at all. That led me to discard leaf-mold for *O. flexuosum* at least. On the other hand, I have seen *masdevallias* thrive in a compost of fibrous peat, sphagnum moss, and decayed leaf-mold in equal parts. Leaf-mold I would not recommend the beginner to use much of; neither would I be too hasty in condemning it, as no doubt many succeed who use it. To deal with the potting of orchids generally, the operator must be guided by his own experience as to the material he uses, and it is advisable to copy nature as near as possible. Personally, I consider there is no better compost than good fibrous peat, sphagnum moss, and clean crocks for such plants as cattleyas, *odontoglossums*, *oncidiums*, *epidendrums*, *dendrobiums*, etc., and for the East Indian orchids, such as *vandas*, *arides*, *saccolabiums*, *phalenopsis*, nothing but clean crocks and sphagnum moss. Coming to

cymbidiums, phaius, and some of the cypripediums, a little good fibrous loam may be added to the peat and moss, but care must be taken to get all the fine out, using only the fiber, to which may be added coarse sand and broken charcoal. The last-named orchids do not require to be elevated above the rim of the pot, such as cattleyas, etc., but should be kept about level of the rim. *Calanthes* require different soil altogether. The best I have seen was grown in loam, peat, and dried cow manure, broken crocks and charcoal. *Thunias* also thrived in this mixture. Now, in regard to potting orchids generally, the aim must be to leave the soil as much like a wet sponge as possible. Half fill the pot or basket with large crocks placed upright with a layer of compost raised in the middle, on which place the plant, after all decayed matter and dead roots have been removed. Then with a thin, strong stick pack lightly in between the roots, and fill up, leaving the whole neat, and a few nice pieces of sphagnum moss dibbled in at intervals round the top. Now the most important point is to know when the plant requires potting; many orchids have been lost by inexperienced men through potting at the wrong time. Intelligent men may soon know by careful watching that as soon as the roots begin to show at the bottom of the last made growth of cattleyas, etc., the operation should be performed. In the case of cypripedium and other terrestrial orchids, when the thick fleshy roots appear on the surface they should receive attention. Perfectly clean pots or pans only should be used, and if the pots are new, a soaking will be beneficial, in order to prevent drying of the soil.

Butzer Optimism.

We are pleased to receive communications like that which reached us a day or two ago from J. J. Butzer, the well-known seedsman, of Portland, Ore. There is something very encouraging about Mr. Butzer's comments, which are as follows: "I have been too busy to attend to such matters, as the 'good people are all buying seeds and plants. I never saw anything like it, and I have been pegging away for the last eighteen years, both for myself and others. Bedding plants of all kinds are about all sold and at twice the prices of former years. Our beautiful city, in fact, now looks like a mammoth flower garden, and it would do you snow and strike-bound people good to come out here and see some fine flowers.

"The only seedsman so far that have exhibits at our Lewis & Clark exposition are Burpee, Henderson, Vaughan and myself. All of us have growing



ROW OF LILACS AT THE ARNOLD ARBORETUM.

exhibits, but I would like to see more of the trade represented, as I am a crank for good seeds and always ready for the other fellow."

Jens Jensen.

Jens Jensen, who is well and favorably known to the trade and profession of Chicago and the west, has been prominently mentioned recently as a suitable man to take charge of the west side park system, Chicago. We find, however, that so far no official call has been made upon him. One thing is certain, however, and that is, that he will not accept any park appointment, here or elsewhere, if he can not be independent of politics. Mr. Jensen has been located so long in the west that he may now be called a typical westerner, in character as well as profession. Considerable of his time has been devoted to the study of the western plains and their possibilities from the standpoint of the forester and the landscape artist.

Mr. Jensen is a thoroughly practical horticulturist and his early education in that profession, partly in German and partly in Danish schools, was of the highest character. He is of pure farmer stock and on coming to this country he gave some attention to gardening in Florida and later was engaged at farming in the west. He started with the spade and shovel in the west side parks, Chicago, about twenty years ago, and finished there five years ago as superintendent of Humboldt park, when, for political reasons, he was forced to retire. Since his retirement from the latter position, Mr. Jensen has practiced landscape gardening and he enjoys a good practice, having among his clients some of the best citizens of Chicago and the west.

Mr. Jensen is a member of the special parks commission of Chicago and the metropolitan park committee. He wrote the landscape section of the exhaustive Forest park report, and is a member of the Art Institute and the Architectural Club and has been a member of the Chicago Academy of Science for a number of years. He is also a member of numerous and prominent forestry and horticultural societies at home and abroad.

British Trade Topics.

William Cutbush & Sons, of Barnet, have lately been exhibiting a new Rambler rose, Mrs. F. W. Flight, which obtained an award of merit at the Holland House show last summer. The flowers are large, semi-double and of a soft pink color, with white centers, and are produced in huge trusses of twenty to thirty. Mrs. W. H. Cutbush is another novelty of the Polyantha section, but in this case the habit is dwarf. The large trusses consist of from fifteen to twenty blooms each, these being of a delicate pale pink.

George Storey, who for thirty years has been managing the floral department of B. S. Williams & Sons, Upper Holloway, has commenced business on his own account. In the design and execution of bouquets for ceremonial occasions, Mr. Storey has had a wide experience, having in several instances made these for presentation to royal visitors.

Over 700 shillings have already been received for the fund being raised to present a testimonial to Henry Eckford, the

sweet pea king. It is hoped to receive some subscriptions from Mr. Eckford's American admirers. Those will be gladly received from any of the AMERICAN FLORIST readers by Horace Wright, secretary of the National Sweet Pea Society, whose address is 32 Dault road, Wandsworth, London, Eng.

The University College at Reading has an important horticultural branch. The gardens in use were formerly in the occupation of Sutton & Sons, seedsmen, who have given £6,000 to the institution. At the college young women are taught practical methods of commercial horticulture, and qualified to become market growers, every branch being explained, even box-making. The ordinary course of tuition lasts two years. There is also



Jens Jensen.
(Prospective Chief of West Side Parks, Chicago.)

a horticultural college for women at Swanley, in Kent. Many young women are able, after receiving the training, to become gardeners in private situations, or to start market gardening. There are several "nursery women" who do a lucrative business through the advertisement columns of the gardening papers, while one has a successful bulb farm in Ireland, and is an occasional exhibitor at the Royal Horticultural Society's shows.

Carnations are maintaining their popularity. Among the newcomers in this branch is Elizabeth, which is a seedling obtained from the variety America. The shapely bloom is of brilliant scarlet, with a non-splitting calyx, and is free flowering in habit. It has been introduced by Sydney Morris, Wretham Hall, Thetford, and is being distributed by Paul & Son, Chestnut. A. F. Dutton, of Iver, Bucks, has secured another award of merit from the Royal Horticultural Society for Lady Pountifit. This is an attractive pure white bloom. T. S. Ware, Ltd., of Feltham, has a new variety named Leander, which is likely to attract considerable favor. This is of a very pretty shade of salmon pink, and very free flowering. Flamingo has received awards from both the Royal Botanic Society and the Royal Horticultural Society.

MARKET GARDENS.

French Method of Forcing Lettuce.

Some time ago we drew attention to the fact that the market gardeners of the Vale of Evesham had successfully organized and established an association for the more advantageous disposal of their produce to the public direct than by distributing it in the usual way by means of agents, says the Garden, of London, Eng. There is no doubt that this is a very important move in the direction of a quicker and therefore fresher and better supply of perishable goods to the public, and a more liberal return to the grower. The Evesham growers, so famed for their market gardening, are enterprising men. We learn from a letter in the Times that a party of thirty gardeners and others interested recently paid a visit to France in order to inform themselves of the best French methods of producing winter salads, such as those imported in such immense quantities into this country every year, and especially during January, February and March. We learn that during those months the gardeners of Paris import into England from 4,000 to 5,000 crates of early lettuce and 500 crates of early carrots daily. The visit was arranged with a view to an inquiry into the particular conditions under which the French industry is carried on. The letter goes on to say that the facts ascertained were not only interesting but most encouraging. An inspection of a number of market gardens just outside the fortifications on the southeast of Paris (where they extend for a total of nearly eight miles) has shown that the success of the French growers is due less to any climatic advantage than to a very practical system of cultivation under glass on what are in effect forcing-beds, to which, however, no artificial heat is applied. At first sight a Paris market garden presents the appearance of from 1½ acres to 2 acres or more of land almost covered by ranges of glass frames standing about a foot above the soil, while over each is a straw mat which can be readily rolled up during the day when the temperature allows. These frames are supplemented by hundreds of bell-shaped glasses known as "cloches." Under these the lettuce is grown, various transplantings taking place according to growth. Frames and cloches alike stand on beds made up of rotten horse manure, with a certain proportion of fresh manure as a foundation—fresh manure being at the same time piled up alongside the frames and around the cloches to protect them from frost. Some of the gardens seem to consist almost entirely of this rotten manure.

In the case of lettuce there are three successive sowings, beginning in August, the lettuce being ready for market in six weeks, and the supplies continuing until April. The varieties grown are the Cos and Cabbage lettuce, one of the former and three or four of the latter being planted under each cloche, with larger quantities in the frames. The early carrots and turnips are grown under like conditions, and, there is every reason to believe that the business is a most lucrative one. The opinion formed by the visitors was that, while not every part of England would



GROUP OF CRAB APPLE TREES AT THE ARNOLD ARBORETUM.—See page 909.

allow of the growing of early vegetables according to the French methods, yet there were no climatic conditions which would prevent the adoption of that method in the favored district of Evesham, and especially on the warm banks of the Longdon Hill and those facing the south. Evesham, with its warm, moist climate and encircling hills, was, in fact, regarded as still better adapted to such an enterprise than the exposed environs of Paris. The only difficulty was in procuring the manure at a sufficiently low price. Assuming, however, that this difficulty could be surmounted, the general conclusion arrived at was that early salad lettuce for the English markets could very well be grown with equal success and economy in the Vale of Evesham.

We shall follow this practical and public-spirited experiment of the growers of Evesham with great interest. If it proves to be the success anticipated it will open out a new and profitable channel of industry to a calling which we fear has been none too remunerative of late years. If success is assured in this direction by the gardeners of Evesham then the market gardeners in the environs of London should be doubly successful, because, in the first place, they enjoy a climate equally as warm, if not warmer, than the climate of that favored part of Worcestershire, and the rainfall is nearly as great. As regards the chief factor in the success of the Parisian gardener with winter salads, namely, the unlimited supply of manure, London gardeners are even more favorably placed than their French neighbors.

One cause of the failure of modern gardeners in the production of good winter salads, is, we think, in their using manure too sparingly for these very succulent crops. In this matter our forefathers were ahead of us. Speaking the other day to a London market gardener, he mentioned that many years ago, upon taking a new market garden, he was informed that the late tenant signed an agreement never to add less than forty tons of manure to the acre each year, and asked if he was prepared to sign a similar document.

His reply, we think, must have surprised the agent, as it would most people who did not know how freely manure was applied to the land around London years ago. His reply was, "Yes, you may make it a hundred and forty tons if you like, and I will take the land." Ultimate success proved that the end justified the means. When used with such liberality the manure generates a mild and continuous heat, creating conditions favorable to activity of growth at that dormant season. It is on the subject of light that we think the French will be found to have an advantage. This is essential, and no doubt our share round London of this is less than that enjoyed by the Paris growers. Our winter fogs, too, are destructive to growth of all kinds, especially to such tender plants as those under notice; these the French are comparatively free from. However, if by the introduction of better methods of

culture and the more extended use of glass in the cultivation of winter salads in England greater success is attained, the gardeners of the Vale of Evesham will have rendered to market growers and to the public a most useful and far-reaching service for good.

Recent Publications.

We are in receipt of a copy of Vol. 7, No. 1, of the new series of the "Memoirs of the Royal Caledonian Horticultural Society." This society was founded in 1800 and two years later it resolved to publish its horticultural papers. The first volume was completed in 1814, but the career of the society's memoirs, according to the introductory note in the present volume, was not destined to be of long duration, the venture coming to an end with the completion of the fourth volume in 1820. The volume before us contains a portrait of Lord Balfour, president of the society, and a number of interesting papers, including one on "Hybridization," with illustrations, by John H. Wilson, and one on "Roses, Past and Present," by the late Hugh Dickson, who was well known in connection with rose culture in Ireland.

Commissioner Jesse E. Northrup, vice-president of the board of park commissioners, Minneapolis, Minn., has favored us with a copy of the twenty-second annual report of that body. The report is richly illustrated and shows that much progress has been made with the park system during the past year. Many other improvements are planned for the future and it is safe to state that this city's public grounds and parkways will, during the present season, compare most favorably with those of any other city in the country.

The Wittbold Sprinkler.

Louis Wittbold, of the G. C. Wittbold Company, Chicago, in response to many inquiries regarding his new sprinkling apparatus and has contracted for several installations since this watering device was noted in the *American Florist* of May 20. The sprinkler is thoroughly practical and will do the work



Wittbold's Sprinkler in Action.

satisfactorily. Undoubtedly it is just the thing many growers have been looking for. The illustration shows the sprinkler in action and gives an idea of the amount of work that can be done in one operation.

Chicago Shippers Minimize Strike's Effects.

The illustrations herewith show the Chicago wholesale cut flower dealers and one of three trips made May 28 with shipments of cut flowers to be used in Memorial day work at out of town points. These shipments, as indeed most of the shipments made during the strike period, were handled by the Chicago Wholesale Florists' Association, Fred Lautenschlager being superintendent of transportation. The top picture shows the accumulation of shipments one hour before train time, the estimated value of the flowers in these packages being \$5,000. The lower picture affords a view of three wagons and many of the cut flower men, showing some of the wagons ready to leave thirty minutes before train time.

The Chicago Wholesale Florists' Association deserves great credit for the prompt manner in which this matter was taken in hand, and the transportation manager deserves a considerable share of the commendation. When men can band together at trying times for the common good, as has been done in this case, and make things move that are not supposed to move, there need be no hesitation in placing business in the community that claims them. With the busy season nearly at an end, we believe we are correct in stating that no important shipment was missed during the strike period where the material to fill the order was available.

Greenhouse Heating.

ED. AMERICAN FLORIST:—

Will a 10-horse power boiler heat four houses, each containing 1,800 square feet of glass? The houses are ten feet apart and the temperature never goes below 20° above zero. At present they are heated by two No. 16 Hitchings hot water boilers. Wishing to increase our glass, would it be better to connect the two small boilers with the large one or would it be better to install the large boiler in the new range of glass?

F. S. C.

The question does not state what temperature is desired in the houses, but if they are well built and with about the usual amount of exposed wall surface a properly arranged plant with a 10-horse power boiler should be able to maintain a temperature of 50°, with perhaps 60° in ordinary cold weather. Two Hitchings No. 16 boilers should be more effective than a 10-horse power boiler. From the way the question is worded it is not clear as to how many houses there will be after the addition is made or how they are arranged, but if the boilers can be conveniently located so that they can be yoked together, it will be advisable, as in mild weather the two small boilers, or the larger one, would maintain a temperature of 60° in all of the houses, if the three boilers can do it in the more severe weather.

L. R. T.

Greenhouse Heating.

ED. AMERICAN FLORIST:—

I am going to build two greenhouses, each 20x100 feet, with walls six feet high and containing two feet of glass. The glass will be of "B" quality. I will build two houses of the same size next year, all attached. I will use wood and soft coal for fuel, and on account of

water I can dig my boiler pit only three feet deep. What size of sectional improved "Royal" or what size of sectional "Advance" will I have to buy? Do you know of any better or cheaper system? What size and how many lines of pipe will it require to keep up a temperature of 60° with an outside temperature of 15° above zero? Will three 2-inch flows and three 2-inch returns under each bench be enough, the benches being three feet high? How many sections of pipe will I have to add when I build my other two houses?

SUBSCRIBER.

It is not quite clear whether each house has exposed walls or whether they have one wall in common. In the former case it will require about 1,500 square feet of radiation, while 1,350 feet will answer if there is but one exposed wall in each house. It will be well to get a boiler rated at 1,800 to 2,000 square feet for two houses and when the other two are added it will be better to put in another boiler of the same size rather than to add sections to the first boiler, as one boiler will heat all of the houses in mild weather and the other can be kept in reserve to be used in cold weather and in case of accidents to the other boiler. Three 2-inch flows and three 2-inch returns under the side benches will answer, but as the boiler pit must be shallow it will be better to run a 2½-inch flow on each plate and four 2-inch returns under each side bench.

L. R. T.

DEXTER, ME.—The library trustees have purchased of Temple & Cooper, landscape gardeners and nurserymen of Bucksport, nearly 1,000 hardy shrubs and plants to set out in the grounds surrounding the library building.



By Courtesy of the Gibson Art Galleries.

CHICAGO FLOWER SHIPPERS AND THE TEAMSTERS' STRIKE.

THE RETAIL TRADE

Decorated Terrace Steps.

At a June wedding last year the ceremony was performed at the bottom of a long series of steps extending from the mansion to the lower level of the main lawn. They extended about twice as far as can be seen in the illustration and were decorated the entire length. Palms were placed on either side and garlands of laurels into which were fastened snowballs were festooned from iron plant stand supports from which one end had been removed. The stone steps were covered almost their entire width with red denim. This made a very effective decoration, leading as it did to the canopy on the lawn some forty feet below, where the wedding took place.

ROBERT KIFT.

Memorial Day at Arlington.

On Fame's eternal camping-ground
Their silent tents are spread,
And glory guards, with solemn round,
The bivouac of the dead.

The neighing troop, the flashing blade,
The bugle's stirring blast,
The charge, the dreadful cannonade,
The din and shout are past.

Nor wreck, nor change, nor Winter's
blight,

Nor Time's remorseless doom,
Shall dim one ray of holy light
That gilds your glorious tomb.

—Theodore O'Hara.

The foregoing stanzas, from the "Bivouac of the Dead," are impressive, as well as expressive of the feelings of thousands who visit beautiful Arlington, where rest nearly 20,000 soldiers who died in the war of the union, and the war with Spain, and accessories are constantly being made to the number. On last Memorial day the exercises were most impressive, and the decorations more profuse than in any previous year.

President Roosevelt, true to his annual custom, sent a handsome wreath for the unknown dead, and many other tributes were deposited over the dust of the nameless heroes.

An interesting ceremony of the day was the dedication of a monument to Gen. Daniel Macauley, who was colonel of the Eleventh Indiana Volunteers during the civil war and a comrade in arms of Gen. Lew Wallace and Gen. John C. Black. This monument was literally covered and banked with garlands and wreaths of choice flowers.

The members of the Cuban legation visited Arlington in a body and placed fine wreaths at the monument to those who went down with the Maine in Havana harbor, and at the Spanish war monument.

Arlington is beautiful and impressive at any time, but on Memorial day, when its noble forest trees are at their best when its beautiful slopes are carpeted with flowers and decked with flags, it is most worthily a Mecca for true Americans.

S. E.

MEDWAY, R. I.—The new greenhouses on the Hodges farm are approaching completion.

ROCHESTER, N. Y.—An appropriation of \$2,500 has been made for additional greenhouses at Highland park. Flowers for all the parks in the city are propagated at Highland park.



JUNE WEDDING DECORATION ON LAWN.

New York.

SUMMER CONDITIONS IN EVIDENCE.

There is no improvement to note in the course of the market. Business has settled down to its usual status at this time of year, but it might be said that even this condition betokens improvement. A retrospect of the market for the last two months is not encouraging, and anything approaching a normal condition of things is welcomed. Roses are plentiful, but the differences in quality are marked. Mildew seems to be a bugbear experienced by the majority of growers. Clean stock readily commands maximum prices in selected grades, and short stock commands good figures for the time of year. Carnations are pouring in, and qualities could be graded equally as well as sizes. Withal, prime stock does not command high figures, and where morning sales are slow worthy stock passes at clean out prices. Peonies are abundant, but on the whole bring good prices. Crimson varieties are doing very well if long in stem, but short stock hangs fire. Lily of the valley is stronger on account of the demand for June weddings which this year seem unusually numerous. Sweet peas are plentiful, but off in quality in the main. Long stemmed stock is bringing good prices, especially in lavender colors which are in great demand.

BY THE WAY.

Arrangements for the outing of the Florists' Club are approaching completion. The official programme will be

distributed at the club meeting next Monday, and will embody the prize list for athletic events. The prize list is most generous in character, and eclipses former efforts. Prizes will be given children from 5 to 15 years of age, running in awards for all ages between these years. There is a chance for everybody in attendance, and the events are popular. It is whispered that the fat men of Twenty-eighth street are in course of training for the event which makes their physique an essential in matter of entry, and some of the slim men are trimming for the mile race which perhaps brings more honor to the winner than any of the events scheduled. Up to date the list of donors of prizes includes, the Glenwood Company, President Traendly, Secretary John Young, J. A. Shaw, J. B. Nugent Jr., J. K. Allen, John Birnie, Lyman B. Crow, Wm. Elliott, Walter F. Sheridan, J. G. Esler, Joe Fenrich, E. W. Holt, Ford Bros., J. C. Vaughan, Jos. Millang, F. R. Pierson Company, Phil. Kessler, A. L. Miller, L. J. Kreshover, Lager & Hurrell, Theo. Lang, A. H. Langjahn, P. O'Mara, B. Suzuki, Alex. McConnell, Moore, Henty & Nash, Julius Rochrs Jr., Chas. Schenck, John Scott, W. H. Siebrecht, H. A. Bunyard, J. C. Mansfield, John E. Raynor, E. C. Horan, W. H. Donahue, Louis Schmutz, C. B. Weathered, W. B. DuRie, A. T. De La Mare Publishing Company, and others. It will undoubtedly prove to be the greatest athletic day in the history of the club, or for that matter any other club.

The police of the upper west side have placed an embargo on the display of window boxes in that section, with the result that most of the boxes installed at much expense which have brightened the appearance of the streets have been removed, even though seemingly to comply with the regulations as to fastenings made by the municipal authorities. Here is the ordinance on the subject, which it is claimed the police have over-ridden:

IN THE BOARD OF ALDERMEN.

Section 671—It shall not be lawful for any person to place or keep on any window-sill, railing, or balcony, top of porch, or any other projection from any house or other building in the city of New York, any earthen flowerpots, wooden box, or other article or thing whatever for the cultivation or retention of flowers, shrubs, vines, or any other article or thing whatever, unless every such flower pot, box, or other article is securely and firmly fastened or protected by iron railings, so fastened as to render it impossible for any such pot, box, or other article to fall into the street, under a penalty of \$10 for every offense, to be recovered in the manner now specified by law for the collection of fines imposed for the violation of ordinances of the corporation.

Adopted by the board of aldermen March 9, 1897.

Approved by the mayor March 15, 1897.

A better or safer fastening would be strong steel hooks attached to the boxes and hooking into staples entering into a window casement. As commonly used, is hard to conceive, and should in every way comply with the law as quoted. Florists in this city have worked up a nice business in window boxes and it would seem a shame if this business were to be curtailed by official misunderstanding of the ordinance.

Miss E. E. Pladeck, formerly of McKinley square, in the Bronx, has associated with her J. Becker, and as a firm have opened a retail florists' store at 14 Westchester avenue, under the style the Westchester Avenue Florist. Miss Pladeck is a florist born, her family for three generations or more being prominent in the craft, and herself active in it from childhood. The new location is in a rapidly growing district and an ideal one for the florists' business.

John G. Tarkazikos, John Chigranis and Gregory Chigranis who conducted a florist business at 57 and 101 West Forty second street, under the style The Olympia Florist, have filed a petition in bankruptcy with liabilities of \$3,012 and nominal assets of \$500 in assets, which are mortgaged for the same amount to Michael Chigranis. All the debts were contracted between April 15 and May 15 this year.

Paul Kessler has severed his connection with the New York Cut Flower Exchange and will enter the ranks of wholesale florists as soon as he can obtain convenient quarters. The managerial duties of the Exchange devolve upon Wm. C. Dineen, the treasurer of the concern, who is already in daily attendance.

John Baine sailed June 7, on S. S. Oceanic, on a trip to Scotland. A send-off was planned but missed, his friends not understanding the hour of sailing.

E. M. Keller, with Mrs. Keller and children, will sail in July for an extended European trip.

George J. Gattman has leased a lot on W. 127th street, eighth street and 127th street, about October 1,

Chicago.

A GOOD WEEK.

Contrary to the expectations of quite a few, business for the balance of the week following Memorial day was brisk. Orders kept up, stock remained firm, and there was a general clean-up every day. The Memorial day trade was large, the best this market has experienced for years. Carnations were far too short in supply, especially colors, and many more could have been used. As a result of the heavy demand they were cut very close and every bloom possible brought its price. What the people wanted was carnations. There were large quantities of roses on the market, but these, too, were sold out. Peonies were scarce, and sold well at 75 cents on the average. Lily of the valley, cape jasmine, sweet peas, daisies, etc., were all pretty well sold out. After Memorial day, trade continued brisk. Prices on carnations weakened, while roses stiffened up a bit. Bride and Bridesmaid averaged \$5 to \$6; American Beauty \$3 to \$5; good Liberty brought \$10. Carnations of good commercial grade brought from \$1.50 to \$3. Peonies began to arrive in quantity and sold three bunches for \$1. There was some fine out-door lily of the valley to be seen, and sweet peas moved well. There are lots of spirea, snowball, etc., in bloom locally, but little is seen on the market. Saturday night saw everybody's stock well cleaned up and everyone satisfied with the week's good business. Sunday morning early there was a hard rain, followed by hot sunshine all day. This brought the flowers out, and as a consequence the market on Monday was glutted with immense lots of carnations, roses, and peonies, for which there was small demand. Monday was even warmer than the day previous, Tuesday was as bad, and still more flowers continue to pile up to supply the curbstone merchant. Many weddings and entertainments this week will call for large quantities of flowers, but there will be plenty on hand to supply all demands, and it looks as though the summer quietude is at hand.

Last week peonies, especially white, were scarce. This week the market has been glutted with an immense lot of peonies of all grades, some of which are bringing low prices, if they can be moved at all by forced sales. Many dealers say this is the worst glut of peonies, roses, and carnations ever experienced in this market.

NOTES.

A meeting of the wholesale Florists' Association was held Friday to discuss the advisability of discontinuing the express delivery system, which has been used during the strike, and to hereafter depend on the express companies for all service. At a meeting Saturday morning, this was put in the form of a motion and was passed, so beginning Monday, June 5, the express companies again assumed all risks and responsibilities. At the meeting of June 3 the members voted the sum of \$25 to Fred Lautenschlager as a token of appreciation of the way in which he handled the immense volume of Decoration day business. Mr. Lautenschlager has had full control of the florists' express deliveries during the strike, and deserves much credit for the efficient service rendered.

Arthur Orr, enthusiastic amateur, of Evanston, died in Pasadena, Cal., June

1. The deceased was at one time a prominent grain merchant and has been greatly interested in horticulture, chrysanthemums being his special hobby. The funeral was held at Evanston June 7. The floral tributes were many and consisted mostly of loose bunches of peonies, American Beauty and white roses, auratum lilies, orchids and wreaths.

Peter Reinberg is rebuilding a section of twelve houses, supplanting wooden gutters with iron. This is being done without removing the glass, the roofs being raised. The houses were in first class condition, but this change will increase the capacity by one and a half houses.

Pochlmann Brothers, who have been doing their own hauling since the strike, had an accident with one of their wagons on Monday afternoon, which delayed receipts for several hours and made the boys hustle to get shipments out on time.

F. R. Hills, of Maywood, reports having done fifty per cent more bedding plant business this year than ever before. He has planted two blocks of asters, Shasta daisies, sweet peas, larkspur, etc., which are doing well.

Bassett & Washburn are almost finished planting their new houses with rose stock. They are cutting some nice new American Beauty roses, also President Carnot and Kaiserin.

E. H. Hunt received a lot of very fine peonies on Saturday. Mr. Dickinson says they were the finest he has seen in a long time. From this time on they will have a large stock on hand.

Pochlmann Brothers enjoyed the largest Memorial day trade they have ever had. Their very large stock was pretty well cleaned up, carnations being especially short of supply.

Chas. W. McKellar had a fine holiday trade and expects to do a nice lot of June wedding work. His Cattleya Mossia is excellent stock, and is a steady seller.

Peter Reinberg has completed eleven new houses, 27 x 300 feet, and has them planted with American Beauty stock. He has some very fine Chateaufort and Liberty roses for June trade.

The ranges of John Brod, at Niles Center, containing about 60,000 square feet of glass, have been sold to Albert Lies, and the cut will be handled by Zech & Mann.

A tramp attempted to kidnap the two year old daughter of Otto Wittbold, of Jefferson Park, May 25. Although pursued by neighbors, the tramp escaped.

N. J. Wiator is planning a fishing trip in Wisconsin to commence about June 17. "Nie" is an enthusiastic fisherman.

D. Wood Brant will close his downtown store for the summer months and ship direct from the greenhouses.

Zech & Mann are now handling some of the finest Harrison lilies shown in this market for some time.

The Chicago Carnation Company, at its Wabash avenue store, is receiving large lots of assorted peonies.

E. C. Amling has had several lots of fine white peonies, which have been a scarce article this week.

Manager Deamund reports that he is storing peonies to be used at the peony exhibition June 10-17.

Mrs. Frank Ben expects to sail for

Germany some time in July, to be gone a few months.

Kroeschell Brothers report remarkable activity in the sale of boilers the past two weeks.

Mons Olson, formerly employed with J. A. Budlong, is now with Zech & Mann.

Visitors: William Swinbank, Sycamore; C. H. Woolsey, J. J. Soper, Rockford; F. H. Reshore, Dowagiac, Mich.; Joseph H. Rebstock, Buffalo, N. Y.; Andrew Peterson, Hoopstown.

Philadelphia.

THE MARKET.

Between the extra demand for Decoration day, the first of the June weddings and bouquets for the commencements, which are now in full swing, the demand for last week was quite up to the average of the season. Peonies were much in evidence and sold very well. H. H. Battles sent in a fine lot from Thorn Hedge, the Festiva Maxima being very well grown. Alexander Scott thinks the peony is the coming spring flower and that they will in time rank in popularity at this season as does the chrysanthemum in the fall. He has some fine varieties at present and is attending the peony show in Boston this week looking up new varieties. The cool nights of the past week prevented roses, particularly American Beauty, from opening, and the shipments as a rule were poor. There is also considerable mildew on all the roses at present. Carnations must be plentiful, for although there was an immense shipping demand the early part of the week, yet on Saturday the street men had them by the thousands and they were offered at any old price. Sweet peas are a great staple at this time and are to be had in quantity, with the quality fine. Cornflower is now at its best and is to be seen in all the windows. All kinds of greens sell well. Asparagus plumosus and Sprenger and the various forms of Adiantum Croweanum appear to be constantly in demand, with very little going to waste. Prices are maintained well, 35 to 50 cents for spray asparagus, according to size of bunches, being the price all the season, with \$1.50 per 100 for the adiantum.

TRADE NEWS.

The rhododendrons in Fairmount park were very beautiful this season, as were also the Ghent azaleas and the beds of iris. Every fine day they were admired by thousands of visitors. Under the new regime, the people having risen and thrown over the political ring, they are now likely to have a hand in the affairs of the city and perhaps the parks will get more of the attention they deserve.

On the completion of the new Kugler restaurant, Chestnut above Broad, Harry E. Keffer is to open a flower stand with the use of one of the Chestnut street windows.

Edwin Lonsdale has the gardens at Girard college in splendid shape and will finish the ornamental bedding this week. K.

KOKOMO, IND.—W. W. Coles and wife will sail for Europe this month.

DOWNS GROVE, ILL.—The firm of Gollan & Wolf dissolved partnership June 3 by mutual agreement. John Gollan will continue the business.

Boston.

WEDDINGS MAKE BUSINESS.

The florists report that the Memorial day trade this year exceeded that of any previous year. Since Memorial day trade has been slack, though it started up a little on Saturday of this week. There are to be an exceptional number of weddings in June in this vicinity and the outlook for a demand for flowers for such occasions is good. Roses which were bringing \$2 per 100 the first of the week can now be obtained for 50 cents a 100. Carnations, however, are scarce, and are holding up well in price.

Bedding plants of all kinds are now in the greatest demand and are selling freely. Geraniums are quite short and are selling at \$1 a dozen. Coleus is selling at from 3 to 6 cents.

MASSACHUSETTS HORTICULTURAL SOCIETY.

The annual rhododendron exhibition was held June 3-4. In addition to the exhibition of rhododendrons, there were good exhibits of azaleas, orchids, iris, pyrethrum, peonies and hardy ornamental shrubs. T. C. Thurlow & Company of West Newbury, Mass., had a fine exhibit of tree peonies, iris and hardy azaleas. His collection of peonies is one of the finest in this section of the country. William Whitman, of Brookline, Martin Sullivan, gardener, was the most prominent exhibitor of iris. James Rothwell, of Brookline, Emil Johansohn, gardener, was the principal exhibitor of orchids, being awarded the Appleton silver medal. The prominent exhibitors of rhododendrons were Edward A. Clark, Mrs. John L. Gardner, the Blue Hill Nurseries, W. J. Clemson, William Whitman and T. C. Thurlow & Company. Owing to the poor weather, the regular peony show has been postponed until June 17.

Six new members have been elected to the society, as follows: Clarence A. Backer, of Melrose; Mrs. Charles P. Greenough and William Whitman, both of Brookline; Salem Bolton, of North Easton; Miss Margaret White, of Cambridge; and George Percy Williams, of Medfield.

The society has received a bequest of \$1,000 from the estate of John C. Chaffin, of Newton, the income of which is to be expended for a special prize for hybrid perpetual roses of unusual merit.

The trustees have voted to invite the American Rose Society to hold its annual exhibition for the year 1906 in connection with the March show, as was done this year.

Dr. Henry P. Walkott, of Cambridge, has been elected to the board of trustees to fill the vacancy caused by the death of Warren Fermo.

Wilfred Wheeler, of Concord, has been elected chairman of the fruit committee in place of Warren Fermo, deceased.

NOTES.

William E. Gidden of Natick, the well known salesman for J. A. Budlong & Sons, was married on Thursday, June 1, at Newtonville, to Miss Ethel M. Corey. Many of his friends among the florists were included in the 200 who were present at the reception. We understand that he was successful in evading the assistance of his friends on his departure, but he will doubtless be welcomed when he returns.

Houghton & Clark have removed from their former location beneath the Hotel Berkeley to new quarters at 306 Boylston street.

George A. Sutherland Company is receiving some fine consignments of sweet peas. H. P. S.

St. Louis.

MARKET STILL IMPROVES.

The market the past week has shown a marked improvement. There is no longer a glut and flowers can be called scarce; in fact, there has not been enough good stock to go around. Carnations, especially, are in demand, and \$2 to \$4 per 100 is now asked and they are all cleaned up when the quality is in any way good. Roses, especially good ones, are very scarce. American Beauty are getting pale in color. Sweet peas are very plentiful and outdoor ones are now selling at 30 cents and 40 cents per 100 for the best quality and 3 cents per bunch of 25 in large quantities. Good peonies are bringing 4 cents and sell well. Field daisies and corn flowers are now in the market. It is expected that next week school commencements will help the sale of flowers considerably.

NOTES.

F. J. Foster played the part of a sleuth during the past week. While standing on the corner of Fourteenth and Pine, Mr. Foster spied a man by the name of August G. Neilbriech, who is charged with larceny and embezzlement. The man was caught by Mr. Foster after an exciting chase of several blocks.

F. W. Ude & Son, of Kirkwood, Mo., are bringing to the market some extra fine long-stemmed sweet peas. The very rich soil has proved to be the only way to get good flowers. H. G. Berning handles this stock.

It is proposed for the Louisiana Purchase Company to turn over the \$100,000 to be expended in restoring Forest park to the city so they can expend it in the most suitable manner.

Otto Koenig has been very busy collecting the promised guarantees for the flower show next November. Every one with but two or three exceptions have paid up.

On June 4 Shaw's Garden was open to the public. According to the will of Henry Shaw, the garden is open to visitors only two Sundays in the year.

The Eden Floral Company is disposing of its store, stock and fixtures. Mr. Potts, the manager, intends to embark in some other business.

Ed. Buechel, of the Riessen Floral Company, who has been laid up for weeks, is again up and on his feet.

At all the city parks additional appropriations have been given for band concerts during the summer.

Young & Sons have done an immense plant and seed trade this spring.

W. F.

DES MOINES, IOWA.—A fire broke out at Hill's nursery June 1, destroying a considerable amount of stock.

KANSAS CITY, MO.—H. W. Buckbee, of Rockford, Ill., is giving the coming chrysanthemum show considerable advertising.

DANFORTH, ILL.—A. Peterson has disposed of his plant here, consisting of 1,000 feet of glass, to the Addens & Morgan Company, of Loda, Ill. Mr. Peterson will hereafter devote his time and capital to the plant at Hoopstown, where he is bringing in additional 10,000 feet of glass.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted only from those in the trade.

Advertisements, on all except cover pages, 10 Cents a Line, Agate; \$1.00 per inch. Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive insertions, as follows—6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent.

Space on front pages and back cover page sold only on yearly contract at \$1.00 per inch, net.

The advertising Department of the AMERICAN FLORIST is for florists, seedsmen and nurserymen and dealers in wares pertaining to those lines only. Orders for less than one-half inch space not accepted.

Advertisements must reach us by Monday to secure insertion in the issue of the same week. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send the old address at the same time.

THIS ISSUE 44 PAGES WITH COVERS.

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Society of American Florists.

The annual convention of the Society of American Florists will be held at Washington, D. C., August 15, 16, 17 and 18.

THE exhibition of the American Peony Society will be held at Chicago next week, June 16-17.

WE beg to acknowledge receipt of the sixteenth annual report of the Missouri Botanic Garden, containing a number of valuable illustrated papers dealing with scientific questions.

WE are in receipt of some very fine tree and herbaceous peonies from F. A. Baller, of Bloomington, Ill., who makes a specialty of these plants. The herbaceous blooms are very fine, but, unfortunately, they are not named.

WE are in receipt of the annual report of the National Chrysanthemum Society of England and schedule of prizes for the exhibitions of 1905. The report shows this progressive association as being in a very healthful condition.

BENJAMIN HAMMOND, of Fishkill-on-Hudson, N. Y., has found the demand for President Vaughan's paper on "The Ideal Employee," read at the St. Louis convention of the S. A. F. last August, so extensive that it has been necessary to issue a second edition of his reprint.

BUSINESS LETTERS, when intended for some individual member or representative of a firm, and yet of a business rather than personal nature, should bear the address of the firm only on the envelope, the name of the individual whose attention is desired being placed on the letter sheet itself, as in such cases the matter may be covered by others in the absence of the one preferred and important delays are avoided.

Cyclopedia of American Horticulture.

A reprint is to be made this month of the "Cyclopedia of American Horticulture." This will give an opportunity to make any imperative corrections in the plates. If any reader has any such corrections to suggest he should send them at once to Prof. L. H. Bailey, Cornell University, Ithaca, N. Y. There will be no opportunity for any addition of new matter, but only the correction of mere errors and slips.

The Washington Souvenir.

Vice-President Freeman of the Society of American Florists is soliciting advertising for the souvenir of the coming convention at Washington, D. C. With an editor and compiler of Mr. Freeman's ability, and material at hand, we are likely to have something unusually fine in the way of a memento of the occasion. We trust Mr. Freeman will have the generous support of all branches of the business in his efforts to make the souvenir worthy of the national society and the capital city.

Advertisements should be addressed to Joseph R. Freeman, 612 Thirteenth street, Washington, D. C. The rates are as follows: Full page, \$50; half page, \$25; quarter page, \$15; eighth page, \$10. The size of type page is 7x9 inches.

A New Book.

WE are in receipt of a new book, just issued by the peony specialist, C. S. Harrison, of York, Neb., entitled "The Gold Mine in the Front Yard, and How to Work It." Mr. Harrison has made an exhaustive study of the trees and plants suitable for the prairie states, and for the past thirty years has been carefully experimenting with them. On the occasion of a recent trip to Manitoba he acquired much valuable information with regard to the hardiness of certain desirable plants for the western states and the results are recorded in this volume. The "Peony Manual" formerly issued by Mr. Harrison is incorporated in this book, and, taken all in all, the volume itself is a gold mine of information especially designed for horticulturists and farmers of the western and north-western states. The price of the book is \$1, and we can supply copies on receipt of this amount.

Meetings Next Week.

Baltimore, Md.—Gardeners' Club of Baltimore, Royal Arcanum building, 18 W. Saratoga street, June 12, at 8 p. m.

Buffalo, N. Y.—Buffalo Florists' Club, 383 Ellicott street, June 13, at 8 p. m. Cleveland, O.—Cleveland Florists' Club, Progress hall, 244 Detroit street, June 12, at 7:30 p. m.

Lake Geneva, Wis.—The Lake Geneva Gardeners' and Foremen's Association, rooms of the Lake Geneva News, June 17, at 8 p. m.

Madison, N. J.—Morris County Gardeners' and Florists' Society, Masonic hall, June 14, at 7:30 p. m.

Manchester, Mass.—North Shore Horticultural Society, June 16.

New London, Conn.—New London County Horticultural Society, Elks' hall, June 14.

New York.—New York Florists' Club, Grand Opera House building, Eighth avenue and Twenty-third street, June 12, at 7:30 p. m.

New York.—Horticultural Society of New York, Botanical Garden, June 14, at 3 p. m.

Oceanic, N. J.—Monmouth County Horticultural Society, Red Men's hall, June 16, annual rose show.

San Francisco, Cal.—Pacific Coast Horticultural Society, June 17.

Correction.

IN THE AMERICAN FLORIST of March 11 we stated that Colonel George Hochderffer, of Flagstaff, Ariz., and Dr. Purpus, of San Diego, Cal., had for several years been shipping cacti, orchids, etc., to Europe. We wish to state that such is an error and there has not at any time been a partnership between the two parties.

The Walker Boiler.

ED. AMERICAN FLORIST:—

Please advise me through your columns whether the Walker boiler is used by greenhouse men and where I may see it in use.

SUBSCRIBER.

[We do not know of any greenhouse establishment in which this boiler is used. Most growers prefer the well-known boilers advertised in our columns.—Ed.]

Direction of Greenhouses.

ED. AMERICAN FLORIST:—

Are there any advantages in houses running east and west over houses running north and south for raising roses, carnations and general greenhouse stock? My houses are built east and west and the gutter shades the south benches badly. I intend to build new this season and would prefer on this account to build the houses running north and south. C. L. VAN METER.

When three-quarter span houses are used it is of course advisable to have them run east and west. The shading by the gutter can be done away with to a large extent if the walk can be placed next to the wall, or if a raised bench can be used upon which some of the dwarf varieties can be grown. While even span houses that run north and south have some advantage over those that run east and west, the plants on the side benches suffer from the shade of the gutters in the early morning and late afternoon.

L. R. T.

Soil for Carnations.

ED. AMERICAN FLORIST:—

Would you advise using a compost of one-fourth old violet soil to three-fourths sod and cow manure for carnations, the violet soil having grown violets one year? Which would give the best results, the above compost or fresh soil piled up last fall? The fresh soil consists of one-fourth cow manure and three-fourths sod. F. C. V.

If the cow manure was well rotted when the compost was made last fall, the fresh soil is none too rich. I would not advise using the old violet soil. C. W. JOHNSON.

Newport, R. I.

GOOD TRADE CONTINUES.

The last few days have been warm and planting has become general. Roses do not seem to be in especially good shape taking them as a whole. In some few cases they broke well and are doing finely. We have had a very busy week's trade in all lines, a great quantity of Decoration day needs in plants, flowers and sundries helping the total wonderfully.

The secretary of the Newport Horticultural Society announced May 27 that it had been decided to hold two summer exhibitions in the Newport Casino; the rose and strawberry show, June 27, 28 and 29, and the yearly general exhibition September 11, 12 and 13.

William B. Scott & Company have been having a very large sale of bedding plants for two weeks past. A specialty with them has been some finely grown fuchsias in 4-inch pots, which they have been pushing out in large quantities at 15 cents each at retail.

F. M. Smythe, of Wadley & Smythe, has been here from New York for several days looking after the many planting contracts the firm has here, and also preparing for opening their floral establishment in the Newport Casino.

The George A. Weaver Company has been exhibiting and demonstrating the Coldwell gasoline lawn mower. It is a 40-inch mower, propelled by an 8-horsepower gasoline motor, and can run as fast as eight miles an hour.

The state has appropriated \$31,500 for the Rhode Island College of Agriculture and Mechanical Arts, at Kingston, R. I. This money is to be used for building a modern greenhouse and other needed improvements.

The Women's Relief Corps will for the first time here strew flowers on the waters in memory of our sailors. Very appropriately this will be done from the United States government wharf.

Stewart Ritchie has a larger area of sweet peas than ever. He grows them in all the best colors for summer trade, which takes enormous quantities of them through July and August.

The tulips and other bulb stock have been this week removed from the city parks and squares, and the summer bedding plants, such as coleus, geraniums, etc., planted for the season.

Henry J. Hass is, as usual, offering a very nice line of bedding plants. At his Thames street store they are very busy with the cut flower work and the always present funeral orders.

F. L. Ziegler has been doing an excellent trade in filling vases and tubs for Decoration day. Prices for this kind of work range from \$2 to \$5 for ordinary 12 to 16-inch vases.

Quite a number of our gardeners who are Knights Templar attended the con-

clave and parade in Boston May 24, and all report a perfect day and a fine time.

The seed stores will probably close at 6 o'clock evenings after June 1. Both employers and employees will welcome a little rest before stock taking.

The park commissioners held their monthly meeting May 23, when the new member, Admiral Chadwick, was present for the first time.

Thomas Galvin has shipped to Wadley & Smythe, of New York, a quantity of his large rubber plants, of which he makes a specialty.

Flower thieves are again at work all over the city and especially in the cemeteries.

H. L. De Blois had a special sale of wreaths for Decoration day. X.

SITUATIONS, WANTS, FOR SALE.**One Cent Per Word.**

Cash with Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST or the year 1905 is entitled to a five-line WANT ADV. (situations only) free to be used at any time during the year.

Situation Wanted—As working foreman on commercial place, by a first-class grower of cut flowers, roses, carnations, chrysanthemums, violets and all kinds of bulbs and plants. Address Box 325 care American Florist.

Situation Wanted—A rose and carnation grower, where the best of stock is wanted. Well up in all kinds of cut flowers, forcing bulbs and other things. Can come at once. Best of references. Box 337, care American Florist.

Situation Wanted—By Hollander (engaged) representing European firms in bulbs, seeds, nursery stock, etc.; wants position with American firm. References given. Letters stating full particulars. Box 307, care American Florist.

Situation Wanted—Gardener, German, 30 years old, no children, 15 years' experience in landscape gardening, greenhouse, fruit and vegetable, wants position as care-taker on gentleman's place, July 1 or later; best of references. Box 333, care American Florist.

Situation Wanted—July 10, by a Swede, age 25, single, 10 years' experience in cut flowers and pot plants, as well as work out of doors. Private or commercial. Absolutely sober, best of references. Please state wages. Address W. ANDERSON, care Brohug, 29 St. John's Place, Brooklyn, N. Y.

Situation Wanted—By German, single, age 29, competent rose grower, wishes steady position in first-class place to take charge of section or do the growing for retail place; 10 years' experience in roses and general stock; can give good reference. Please state particulars; wages. Address FLORIST, 279 Milwaukee Ave., Chicago.

Help Wanted—Good all around florist, single. THE F. BLONDELL Co., Oak Park, Ill.

Help Wanted—Experienced single man for general greenhouse work. Address Mrs. WILCE, 708 W. Harrison St., Chicago.

Help Wanted—An all around man, German preferred. State wages wanted without board. O. R. DEMMLER, Eau Claire, Wis.

Help Wanted—A young man for greenhouses connected with retail store. Send references. B. F. HALLE, 548 W. Madison St., Chicago, Ill.

Help Wanted—A competent florist capable of taking charge of 7,000 feet of glass, retail place; wages \$50.00. F. B. TINKER, Peru, Ind.

Help Wanted—At once, competent man for general greenhouse work. References required. Address J. A. BISSINGER, Lansing, Mich.

Help Wanted—Good man for general greenhouse work; chance to advance. Special references wanted. G. H. ALLEN, Amherst, Mass.

Help Wanted—A good all-around man for greenhouse work. House furnished and good wages to the right man. Address Box 657, Grand Island, Neb.

Help Wanted—A good, honest and willing worker, for carnations and chrysanthemums; must be good propagator. State wages wanted. References required. Address Box 335, care American Florist.

Help Wanted—Good florist, to assist in general greenhouse work; one who can grow carnations and chrysanthemums. State wages and references. Address FRANK BEU, 2780 North Fortieth Ave., Chicago.

Help Wanted—German florist who has been in this country two or three years to work in small nursery and greenhouse summers and take care of fires winter nights; a reliable married man with references. Address LEVANT COLE, Battle Creek, Mich.

Help Wanted—A sober, industrious, single or married man, who understands growing of carnations and a few other things; single man can board on the place; wages as good as any in this city. Answer with reference and wages expected. C. H. KUNZMAN, 3710 High Ave., Louisville, Ky.

Help Wanted—A practical plant and bulb grower; single; one who likes the business and is willing to look after it. State if any experience in design work. Right wages to the right man. State in first letter wages wanted first year to show what you can do. Address Box 336 care American Florist.

Help Wanted—A general greenhouse man, one that can grow a general line of plants, especially carnations and roses. State experience, and wages expected; married or single; can furnish house to married man. German or Swede preferred. None but sober and industrious need apply. H. G. FLEMING, 819 Locust Ave., Fairmont, W. Va.

For Sale—Two cottage boilers, Nos. 5 and 6, as good as new; price, \$80.00 each. Address FRANK BENNETT, Barnard, Monroe Co., N. Y.

For Sale—Growing florists business in town near New York. Will sell cheaper now than in fall. Address Box 338, care American Florist.

For Sale—Nine greenhouses, dwelling house and barn, 3½ acres of land, for sale cheap at Newtown, Pa. H. W. WIELAND, P. O. 109, Newtown, Pa.

For Sale—5,000 feet of glass, one acre land, with four years' park lease, \$600; a town of 5,000. No competition. J. R. JOHNSTON, Dan Kirk, Ind.

For Sale—4-inch cast iron pipe at 6c per foot. One Kroeschell boiler, extra large size, cost over \$500 for \$150. Address HELLER BROS., New Castle, Ind.

For Sale—Five greenhouses, cold frame sash. Stock in good condition, excellent location in city of interurban and railroad center; a bargain. Reason, death of proprietor. Address Box 334, care American Florist.

For Sale—A good florist business in a western city of 60,000 can be purchased at a great sacrifice. Well established trade and prospects for future bright. Is worth \$1,700, but will dispose of business for \$700 cash. Ill health cause of disposition of business. Box 217, care American Florist.

For Sale—1 good Kroeschell Bros., hot-water boiler, capable of heating 15,000 square feet of glass in good shape, price \$200.00; 1 good Kroeschell Bros., steam boiler 54x16, just taken out, price \$250.00. Reason for selling installing larger boilers. 4-inch greenhouse cast iron pipe and fittings, \$8.00 per 100. f. o. b. cars Mottou Grove Boilers in service 7 and 8 years. Bargain. POEHLMANN BROS. Co., Morton Grove, Ill.

FOR SALE.

Having sold my ground to the Frisco R.R. Co., I offer for sale six greenhouses, containing 12,000 square feet of glass; one gasoline engine with pump, in good working order; 60-horse-power boiler; piping; a lot of tools; 6,000 carnation plants in field; 2,500 smilax plants. Will sell in lump cheap. Make me a cash offer, as I must vacate by August 1st. Address

MAX. HERZOG 6957 Scanlan Ave., Gratiot Sta., ST. LOUIS, MO.

Notice.

Practical seedsman, experienced in mail order business, thoroughly competent catalogue compiler and advertisement writer, with A No. 1 executive abilities will be open for engagement the coming season for a permanent or temporary position. First-class references. Address

Box 330, care American Florist.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.
Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York, Rotk Klft, 1725 Chestnut St., Philadelphia, or to the American Florist Co., Chicago.

"Do It Now."

This life's a garden full o' weeds—
We've got to pull 'em all
Before they fill the field with seeds
When they are dry and tall.
While we complain the field gets full—
Don't sit with frownin' brow
An' fret because you've got to pull—
It's best to "do it now."

The job a fellow soldiers on
Is one that's never through;
Each day's another chance that's gone
An' left us more to do.
Nobody else can do your work
Like you can anyhow.
The task grows bigger while you shirk—
It's best to "do it now."

There's always lots o' time to spare
To tell your woes, my son;
The hardest work of all to bear
Is that that's never done.
The "put off" man, he does things twice
In spite of all his row.
Don't wait to ask or give advice—
Get out and "do it now."

—Chicago Tribune.

At Philadelphia.

The final game in the club tournament of 5-men teams was played last Monday night between the Durham and Robertson teams. Robertson won the first by 42 pins, the scores being Robertson 784, Durham 742. The second, after an exciting finish, was taken by the Durham team by 16 pins, Durham 811, Robertson 795. The third and final was also won by Robertson, with 808, Durham 784.

The tournament has been a very enjoyable affair, many of the finishes being close and the games exciting. The members of the winning and next best teams will each receive a prize as a souvenir. The teams finish in the following order: Dunham first, Moore and Connor tie for second, Yates and Eimerman bringing up the rear.

The following are the total scores, each team playing five matches of three games each:

DUNHAM'S TEAM.		
Player.	Total.	Average.
Dunham	2292	159
Westcott	2432	162
Harris	2425	161
Hoffman	2231	148
Gardner	2310	147
MOORE'S TEAM.		
Player.	Total.	Average.
Moore	2546	169
Bonsal	2353	156
Falek	2399	159
Habermehl	2377	158
Gray	2161	144
CONNOR'S TEAM.		
Player.	Total.	Average.
Connor	2623	174
Dungan	2224	148
Dawls	2408	160
Poltes	2181	145
Harvey	2280	152
ROBERTSON'S TEAM.		
Player.	Total.	Average.
Robertson	2433	162
Gibson	2475	165
Adelberger	2383	158
Mohrter	2246	149
Donoghue	2154	143
EIMERMAN'S TEAM.		
Player.	Total.	Average.
Eimerman	2549	169
Klft	2374	158
Baker	2168	144
Craig	2285	159
Hanna	2384	159

YATES' TEAM.		
Player.	Total.	Average.
Yates	2411	160
McCauley	2456	163
Merbitz	2297	153
Hatterlock	2214	149
Holmes	2315	154

At Chicago.

The fifth game of the convention tournament series was rolled at Bensinger's alleys June 6. The scores follow:

Player.	1st.	2d.	3d.
Stevens	143	208	172
Kreitling	159	129	185
Degnan	144	137	153
Scott	147	119	169
Winterson	127	99	130
Pasternick	136	137	114
Asmus	111	124	150
Hauswirth	129	145	200
Balluff	176	138	138
Klunder	137	149	162
Bergman	124	119	202

In a fourth game the scores were as follows: Asmus, 166; Hauswirth, 166; Balluff, 137; Klunder, 172; Bergman, 200; Stevens, 173; Kreitling, 150; Winterson, 90; Degnan, 169; Scott, 166.

In the ladies' series the following scores were made:

Player.	1st.	2d.	3d.
Mrs. Winterson	107	94	75
Mrs. Scott	88	76	63
Mrs. Kreitling	94	134	107
Mrs. Hauswirth	92	106	136
Miss Moore	61	103	113
Mrs. Stollery	54	87	63

At Natick, Mass.

The annual picnic and field day of the Boston Co-operative Flower Growers' Association and of the Boston Co-operative Flower Market was held June 3, on the grounds of Robert Montgomery at Natick. The feature of the afternoon was the ball game between members of the two associations, which resulted in favor of the players from the Music Hall market by a score of 13 to 12 in a ten inning contest, which was marked by the uphill work of the victors. The lineup was as follows:

Park Street Market, Music Hall Market.	
p.—Fisher.	p.—Ward.
1b.—Hawkes.	1b.—F. Capers.
1b.—Free.	c.—McFarland.
ss.—C. Evans.	2b.—Brophy.
2b.—Stock.	3b.—Matthews.
3b.—McGinty.	ss.—Parker.
l. f.—Horrigan.	l. f.—Holden.
c. f.—Crowley.	c. f.—Rough.
r. f.—Edgar.	r. f.—Woods.

James and Montgomery, umpires.
H. P. S.

San Francisco.

MARKET OVERSTOCKED.

The past week has been an extremely dull one. The market is very much overcrowded with all kinds of stock and consequently prices are away down. Some excellent American Beauty are arriving, but, like everything else, move slowly. From present indications there will be a good deal of business done Memorial day. There are plenty of orders coming in from outside districts and there will be sufficient stock on hand to fill all demands. This, no doubt, will about wind up business for several months. Many of our leading growers will then begin to empty their houses and replanting will begin. This will diminish the supply very materially and tend to strengthen prices somewhat. Owing to the frequent rains carnations in the field are in splendid shape, much better, in fact, than for several years.

NOTES.

The members of the trade in this city who went to Los Angeles last week at the invitation of President J. C. Vaughan have arrived home and speak in the most glowing terms of the treat-

ment accorded them in the southern city. They were much impressed by the great strides that the growers have made in that locality, and thank President Vaughan for the consideration shown them during their stay.

Professor Edward J. Nickson on May 24 received his official appointment as acting director of the agricultural experiment stations of the University of California. This appointment was made by President Wheeler May 23, prior to his departure for the east. The term of his appointment is indefinite.

Luther Burbank received a delegation of distinguished scientists at his place at Santa Rosa during the week. His new yellow calla is claiming a good deal of public attention at present, also his enormous list of hybrid potatoes, including over 10,000 varieties.

Nearly all the florists and growers report a very noticeable increase in the sales of bedding plants this spring. Many of them are at this date completely sold out. There was an increased call for geraniums and begonias.

M. H. Ebel, of Sacramento; J. Shaw, of Stockton, and Charles Navlet, of San Jose, called on the trade here during the week.

Mrs. A. A. Wilson has opened a flower store at 24 South B street, Virginia City, Nev.

F. Ludemann, of the Pacific Nursery, has gone on an extended European trip.

George Clack leaves for Portland and the northwest next week. NORMA.

Los Angeles, Cal.

Permanent organization of the Southern California Horticultural Association the Chamber of Commerce May 31. The new society is formed as the result of a caucus meeting, held a week ago, at the call of J. C. Vaughan, president of the Society of American Florists. At the time a committee of ten men was appointed to take charge of the organizing. As a result fifty-two charter members placed their names on the list May 31. The object of the association will be to promote horticulture in all its branches; to advance the social and business interests of its members; improve homes and parks in order to educate public taste. Following is a list of the officers elected:

President, Captain F. Edward Gray, Los Angeles; first vice-president, John Bodgers, Gardena; vice-president for Los Angeles county, Edward H. Rust, South Pasadena; for San Diego county, Miss K. O. Sessions, San Diego; for San Bernardino county, Sidney Hockridge, Redlands; for Orange county, Fred Rafferty, Santa Ana; for Riverside county, Charles Howard, Riverside; for Santa Barbara county, Robert Armstrong, Santa Barbara; for Ventura county, Samuel Cole, Ventura; general secretary, Ernest Brautnon, Los Angeles; recording secretary, W. J. Bodgers, Los Angeles; treasurer, Jacob Dieterich, Los Angeles; botanist, Ernest Brautnon, Los Angeles; horticultural chemist and entomologist, Dr. A. Davidson, Los Angeles; executive committee, F. H. Howard, Los Angeles, chairman; Walter Raymond, Pasadena; D. R. Woods, Wilmington; Miss Etheline Lord, Los Angeles; Miss Waite, Los Angeles.

FARMER CITY, ILL.—John McDonald has leased his establishment to Anthony Lawson and will retire from business.

For Special Occasions. The florist who makes money is the one who takes advantage of every special occasion, and lets his customers know that he is able to supply any quantity or any variety of flowers desired. The florist who deals with us in the ordinary course of his business or in the extraordinary events is always sure that he can promise his customers whatever they wish, and that we can always help him make good on his promises.

CURRENT PRICE LIST.

Beauties.		Chatenay.		Miscellaneous Stock—Continued.	
Stems 36 inches, per doz.	\$4 00	Extra Select, per 100	\$8 00	Mignonette, per 100	3.00 to 6.00
" 30 " " "	3 00	Select " " "	6 00	Sweet Peas, per 100	.75 to 1.25
" 24 " " "	2.50	Short " " "	4.00	Calla Lilies, per doz.	1.00 to 1.50
" 20 " " "	2 00	Golden Gate.		Longiflorum Lilies, per doz.	1.25 to 1.75
" 15 " " "	1.50	Extra Select, per 100	\$8 00	Marguerites, per 100	1.00
" 12 " " "	1 25	Select " " "	6 00	Peonies, per doz.	.35 to .75
Short stems, per 100	6.00	Short " " "	4 00	Green Stock.	
Bridesmaids.		Perles.		Asparagus, per string	\$.40 to \$.50
Extra Selects, per 100	\$6.00	Extra Select, per 100	\$6.00	Asparagus Sprays, per 100	2.00 to 3.00
Select " " "	5 00	Select " " "	5 01	Sprenger, per 100	2.00 to 3 00
Short " " "	3.00	Short " " "	3 00	Hardy Ferns, fancy, per 100	2.50
Brides.		Carnations.		Hardy Ferns, fancy, per 100	.30
Extra Select, per 100	\$6 00	Fancy, per 100	\$3.00	Smilax, per doz.	1.75 to 2 00
Select " " "	5 00	Select " " "	2 00	Adiantum, per 100	1.00
Short " " "	3 00	Short (common), per 100	\$1.00 to 1.25	Galax, green and bronze, per 1000.	1.25
Liberty.		Miscellaneous Stock.		Galax, per 100	.15
Extra Select, per 100	\$8 00	Valley, select, per 100	\$3.00 to \$1.00	Leucothoe Sprays, per 100	1.00
Select " " "	6 00	Forget-me-nots, per 100	2.00	English Ivy Leaves, per 100	.50
Short " " "	3 00				

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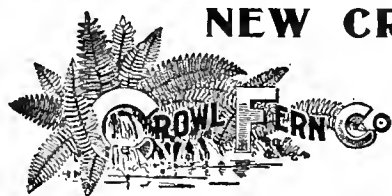
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" " short	1.00
" Liberty	6.00
" Chatenay	4.00@ 6.00
" Bride, Bridesmaid	4.00@ 6.00
" Meteor, Golden Gate	4.00@ 6.00
" Perle	4.00@ 6.00
Carnations	2.00@ 3.00
Smilax	15.00
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Callas	8.00@10.00
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" Bride, Bridesmaid	3.00@ 6.00
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" Meteor, Golden Gate	4.00@ 8.00
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Lily of the valley	3.00@ 4.00
Asparagus	50.00
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" " medium stem	1.00@ 1.50
" " short stem	.35@ .75
" Bride, Bridesmaid	3.00@ 6.00
" Liberty	3.00@ 6.00
Carnations	1.50@ 3.00
Smilax	12.50@15.00
Asparagus Sprengeri	1.50@ 3.00
" Plumosus	25.00@50.00
Adiantum	1.00
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Roses, Beauty, per doz.	.50@ 3.00
" Bride, Bridesmaid	3.00@ 8.00
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" " 12 "	.75@ 1.00
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" Golden Gate.....	3.00@ 6.00
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Smilax.....	10.00@15.00
Peonies, per doz.....	.35@ .75
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 15-inch stems..... 1.50
 12-inch stems..... 1.25
 Short stems..... .75 to 1.00
 Per 100
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 CHATENAY..... 5.00 to 8.00
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Roses, Beauty, best	12.00@20.00
" " medium	8.00@10.00
" " culls	2.00@ 4.00
" Bride, Bridesmaid	2.00@ 4.00
" Extra	6.0 @ 8.00
" Liberty	1.00@ 8.00
Carnations	1.00@ 1.50
" Fancy	1.00@ 2.00
Lily of the valley	2.00@ 3.00
Smilax	12.00@16.00
Adiantum	1.00
Asparagus	35.00@50.00

PHILADELPHIA, June 6.

Roses, Tea	3.00@ 4.00
" extra	6.00@ 8.00
" Liberty	4.00@15.00
" Queen of Edgely, extra	15.00@25.00
" firsts	10.00@12.00
" Beauty, extra	15.00@25.00
" firsts	10.00@12.00
Carnations	1.50@ 4.00
Lily of the valley	3.00@ 4.00
Asparagus	25.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Gardenias	.12@ .15
Mignonette	2.00@ 3.00
Easter lilies	4.00@ 6.00
Sweet Peas	.50@ 1.00
Peonies	4.00@ 8.00

BUFFALO, June 6.

Roses, Beauty	4.00@25.00
" Bride, Bridesmaid, Meteor	2.00@ 8.00
Carnations	1.00@ 3.00
Harrisi	10.00@12.00
Lily of the valley	3.00@ 4.00
Asparagus, strings	40.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Lilium Longiflorum	8.00@12.00
Sweet peas	.30@ .75
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J. B. MURDOCH & CO.

WHOLESALE FLORISTS,

FLORISTS' SUPPLIES.

545 Liberty Ave., PITTSBURG, PA.

Please mention the American Florist when writing.

RICE BROTHERS,

128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers Billed at Market Prices.

Shippers of choice Cut Flowers and Greens of all kinds. Try us.

GEO. H. ANGERMUELLER

Wholesale Florist

Cut Flowers and Florists' Supplies.

CONSIGNMENTS SOLICITED.

1324 Pine Street, St. Louis, Mo.

J. M. McCullough's Sons Co.

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FLORISTS

ALSO SUCCESSORS TO

THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

318 WALNUT ST. CINCINNATI, O.

Please mention the American Florist when writing

H. G. BERNING

Wholesale Florist

402 Pine St., ST. LOUIS, MO.

C. A. KUEHN,

Wholesale Florist,

122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

Beauties and Valley } THE LEO NIESSEN CO.

1217 Arch St., PHILADELPHIA, PA.

Please mention the American Florist when writing.

KENNICOTT BROS. COMPANY

40-42-44 Randolph St., CHICAGO.

Our reputation has always been that we fill orders when others fall. All stock in season at Lowest Market Rates.

Please mention the American Florist when writing.

Peonies The Philadelphia Cut Flower Co.

CARNATIONS
ROSES, Etc.

1516 and 1518 Sansom Street,

PHILADELPHIA,

PA.

THE RELIABLE Commission House,
Jos. S. Fenrich

Bell Telephone, 324
Madison Square, 325

48 W. 30th Street, **NEW YORK.**

YOUNG & NUGENT

42 West 28th Street,
Telephone 2085, Madison Sq. **Wholesale Florists.**

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

J. K. ALLEN,

Wholesale Commission Florist,

106 West 28th Street, **NEW YORK.**

**American Beauties, Orchids, Roses,
Carnations, Violets, and Every Variety of
CUT FLOWERS.**

Tel. 167 Madison Square.

Open every day at 5 a. m.

Telephone No. 756 Madison Square.



MOORE, HENTZ & NASH

Wholesale Commission Florists,

55 and 57 West 26th St., **NEW YORK CITY.**

Advice of sale note daily. Statement and check weekly. All consignments large or small receive the same attention. **CORRESPONDENCE INVITED.**

WHOLESALE WILLIAM GHORMLEY, COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, **NEW YORK CITY.**

Original Pioneer House—Established 1871.
JAMES HART

117 W. 30th St., **NEW YORK.**

Wholesale and Commission

Consignments solicited. Shipping orders promptly attended to. Phone 626 Madison.

—FLOWERS SHIPPED BY—

John I. Raynor,

Are the best product of the best growers for the New York Market.

ADIANTUM CROWEANUM sold here exclusively.

49 W. 28th St., **NEW YORK.**
Tel. 1998 Madison Square.

Walter F. Sheridan,

WHOLESALE FLORIST,

Telephone 902 Madison Square.

39 West 28th St., **NEW YORK.**

20 years' experience. Tel. 4878 Madison.

JOHN SELIGMAN,
WHOLESALE FLORIST

56 W. 26th Street, **NEW YORK.**
OPPOSITE N. Y. CUT FLOWER CO.

Everything in Cut Flowers. Consignments from growers solicited. Prompt returns. Best prices. Satisfaction guaranteed.

George Cotsonas & Co.

Wholesale and Retail Dealers in all kinds of

Evergreens.

Fancy and Dagger Ferns, Bronze and Green Galax.
Phone 1302 Mad. Sq.

Main Store, 45 W. 29th St., **NEW YORK.**



Choice Carnations. Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, **Cut Flower Exchange**
New Telephone No. 798 & 799 Madison Sq.

Please mention the American Florist when writing.

Wholesale Flower Markets

NEW YORK, June 7.

Roses, Beauty, best.....	10 00@20 00
" " medium.....	3 00@10 00
" " culls.....	1 00@ 2 00
" Liberty, best.....	10 00@15 00
" " medium.....	3 00@10 00
" " culls.....	1 00@ 2 00
" Brides, Bridesmaid, G. Gate.....	50@ 5 00
" Kaiserin, Carnot.....	1 50@ 8 00
Carnations.....	1 00@ 2 00
" fancy and novelties.....	1 00@ 2 50
Lily of the valley.....	50@ 3 00
Lilies.....	2 00@ 5 00
Smilax.....	8 00@12 00
Adiantum.....	50@ .75
Asparagus.....	20 00@50 00
Peonies.....	2 00@ 5 00
Sweet Peas.....	.50@ 1 50

THE KERVAN COMPANY,

WHOLESALE DEALERS,

All Decorating Evergreens, Galax, Leucothos, Mosses, Etc.

20 W. 27th Street, **NEW YORK.**

TELEPHONE 1519 MADISON SQ.

Receivers and Shippers of Cut Flowers. Consignments Solicited.

A. L. YOUNG & CO., Wholesale Florists,

64 West 28th Street,

Telephone 3559 Madison Sq. **NEW YORK.**

Please mention the American Florist when writing.

FORD BROS.

Receivers and Shippers of

Fresh Flowers

48 West 28th St. **NEW YORK.**
Telephone 3870-3871 Madison Sq.

The Only House Handling the **Victory**
NEW RED CARNATION
To be Disseminated 1906. Also a Complete Line of **Choicest Flowers.**

ALEX. J. GUTTMAN, WHOLESALE FLORIST,

52 West 28th Street, **NEW YORK.**

Telephones: 1664-1665 Madison Square.

N. Y. CUT FLOWER EXCHANGE

Coogan Bldg., 6th Ave. & W. 26th St., New York.

Open for Cut Flower Sales at 6 o'clock Every Morning.

DESIRABLE WALL SPACE TO RENT FOR ADVERTISING.

JOHN DONALDSON, Secretary.

CARNATIONS My Specialty.

CONSIGNMENTS SOLICITED.

Prompt Payments. Established 1891.

Alfred H. Langjahr, 55 W. 28th St. **New York.**

Telephones 3924 Madison Sq

The American Florist Company's

DIRECTORY

Contains the names and addresses of all the Florists, Seedsmen and Nurserymen in the United States and Canada. Price \$2.00.

AMERICAN FLORIST CO.,
324 Dearborn Street. **Chicago, U. S. A.**

EDW. C. HORAN,

55 WEST 28TH STREET,

Telephone 421
Madison Square.

.....**NEW YORK.**

CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices.

SAN FRANCISCO.
TELEPHONE MAIN 1023.
SIEVERS & BOLAND,
Floral Artists,
83 Post Street, SAN FRANCISCO, CAL.
Please mention the American Florist when writing.

INDIANAPOLIS.
Bertermann Bros. Co.,
FLORISTS,
241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.
Fred. C. Weber,
FLORIST,
4320-4328 Olive St., ST. LOUIS, MO.
Established 1873, Bell, Lindell 678.
Please mention the American Florist when writing.

DENVER.
The Park
Floral Co.
J. A. VALENTINE, DENVER, COLO.
Pros.

MILWAUKEE.
C. C. Pollworth Co.
MILWAUKEE, WIS.
Will take proper care of your orders in
WISCONSIN.



A. Gude & Bro.
FLORISTS
1214 F St., WASHINGTON, D. C.

KANSAS CITY.
WILLIAM L. ROCK
FLOWER CO.
Kansas City, Mo.

Palmer's
BUFFALO,
N. Y.

DETROIT.
JOHN BREITMEYER'S
SONS
Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.
Artistic Designs.***
High Grade Cut Blooms.
We cover all Michigan points and good sections of Ohio, Indiana and Canada.
Please mention the American Florist when writing.

Wholesale Flower Markets

ST. PAUL, June 6.

Roses, Beauty, long, per doz.	4.00
" " med. " ..2.00@	3.00
" " short " ..75@	1.50
" Liberty	3.00@ 8.00
" Chatenay	4.00@ 10.00
" Bride, Bridesmaid	2.00@ 5.00
" Gates and Ivory	3.00@ 5.00
" Perle	2.00@ 4.00
Carnations	1.50@ 3.00
Valley	3.00@ 4.00
Sweet Peas .....	.50@ .75
Harrisii	5.00@ 12.50
Smilax	15.00
Sprengeri	2.00
Adiantum	1.00
Peonies	4.00@ 6.00
Marguerites .....	.75

MINNEAPOLIS, June 6.

Roses, Beauty, long, per doz.	4.50
" " med. " ..2.50	3.50
" " short " ..50@	.75
" Liberty	3.00@ 8.00
" Chatenay	3.00@ 8.00
" Bride, Bridesmaid	3.00@ 8.00
" Meteor, Golden Gate	3.00@ 8.00
" Perle	3.00@ 8.00
Carnations	2.00@ 3.00
Smilax	15.00@ 18.00
Asparagus sprays	2.00@ 3.00
Valley	3.00@ 4.00
Adiantum	1.50
Common ferns per 1000	3.00
Callas	12.50

CHICAGO.
P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.
Mail, telegraph or telephone orders filled promptly in best style.

Shaffer FLORIST,
14th and Eye Streets,
'PHONE, WASHINGTON, D. C.
2416 Main.
Please mention the American Florist when writing.



Always mention the American Florist when you order stock.

NEW YORK.
LEIKENS
7 East 33rd St., Near Waldorf-Astoria.
Telegraph orders from any part of the country for Boxes, Flowers or Designs for deliveries at residence or steamers faithfully filled.
Please mention the American Florist when writing.

GEO. H. COOKE,
FLORIST
Connecticut Avenue and L Street,
WASHINGTON, D. C.
Please mention the American Florist when writing.

ST. PAUL.
HOLM & OLSON,
ST. PAUL.
THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.

CALVESTON.
Mrs. Chas. Eickholt,
2319 AVENUE M,
GALVESTON, TEXAS.
Cut Flowers, Floral Designs, Decorations.
Telephone 1087. All mail, telegraph or telephone orders promptly and artistically filled.
Please mention the American Florist when writing.

OMAHA.
HESS & SWOBODA,
FLORISTS,
1415 Farnam Street, OMAHA, NEB.
'Phone 1601 and L. 1662.
Please mention the American Florist when writing.

SPRINGFIELD.
Mark Aitken
FLORIST.
378 Main St., Springfield, Mass.
Please mention the American Florist when writing.

ALEX. B. GARDEN,
441 Center Market, WASHINGTON, D. C.
Carnations, Roses, etc.
Wholesale and retail. Telegraph or 'phone.
Please mention the American Florist when writing.

MILLS THE FLORIST,
36 W. Forsyth Street,
JACKSONVILLE, FLA.
Please mention the American Florist when writing.

ATLANTA FLORAL CO.
41 Peachtree Street, ATLANTA, GEORGIA

CARNATIONS

\$1.50 to \$3.00. We claim the finest line of Carnations in Chicago!

ROSES

\$1.50 to \$6.00. Good color and clean foliage.

American Beauties. We have plenty, both long and short.

Liberties, \$3.00 to \$8.00. Fine stock.

PEONIES

\$3.00 to \$6.00 per 100.

From now on we expect to have plenty.

VALLEY

We can supply fine Valley at \$3.00 and \$4.00.

Fancy Ferns

Plenty of good cold storage stock at \$3 per 1000

A. L. RANDALL CO., 19 Randolph St., Chicago

Araucaria Excelsa.



Decoration Day is over. Fill your empty houses with something that grows into money while you sleep.

Araucaria Excelsa just arrived per steamer Etruria May 1, 3.00; May 30, per steamer Oxonian, 2.00. Grown for me under contract by an araucaria specialist in Belgium. I must say for the benefit of my customers that they were never before so

nice and large for the money as this year. I herewith quote you special low prices on them for cash:

10 to 12 ins. high, 2 years old, 3 tiers.....\$.50
12 to 14 ins. high, 2 years old, 3 to 4 tiers..... .60
14 to 16 ins. high, 3 years old, 3 to 4 tiers..... .75
18 to 20 ins. high, 3 years old, 4 to 5 tiers..... 1.00

Araucaria Compacta Robusta, unusually large, very beautiful, \$1.25 to \$1.50; **Glauca**, 75c to \$1.00 each.

Kentia Fosteriana, 30 to 36 inches high, 4-yr. old, \$1.00; 4-year old, 25 to 30 inches, 75c. **Belmoreana**, 4-year old, 25 to 30 inches high, \$1.00 each. Above is the size entered in the Philadelphia custom house.

Don't forget that I am the **Moon Vine** grower of the land. Only **A. W. Smith's Hybrid Moon Vines**, (*Ipomea Noctiflora*) is exclusively the one I grow and is the only true Moon Vine in America, as Mr. Smith has the world wide reputation of growing the best Moon Vine seed. Please bear in mind that this is no Morning Glory like so many sell for, Moon Vines, but the pure white waxy moon flowers as large as saucers. 2 1/4-inch pots, \$5.00 per 100; 3-in. pots, \$7.00 per 100; 4-in. pots, \$10 per 100. Nicely staked up.

BEDDING PLANTS.	Per 100
Heliotrope , 4-in.	\$5.00
Salvia , Clara Bedman, 4-in.	7.00
Begonia Vernon , red and pink, 4-in.	7.00
Cobaea Scandens , 4-in.	8.00
Coleus , Golden Bedder, Verschaffeltii and Queen Victoria	3.00
Verbenas and Petunias	3.00
Asters , Victoria.....	3.00
Vinca Variegata , Salvia and Begonia Vernon, blue Ageratum, California Giant Petunias, 3-in. pots.....	5.00
Tuberous Rooted Begonia , 5-inch pots, \$2.00 per dozen.	

Many thanks to my customers for their liberal Easter trade. All goods must travel at the purchaser's risk. Cash with order please.

GODFREY ASCHMANN,

Importer and Wholesale Grower of Pot Plants.

1012 Ontario St., PHILADELPHIA, PA.

Please mention the American Florist when writing.



June Weddings AND Graduation Day SPECIALTIES.

SEND FOR PRICE LIST IF YOU DID NOT RECEIVE ONE.

ORCHIDS, Fancy Valley, Beauties, Tea Roses, Carnations, Callas, Easter Lilies, Peonies, Gardenias and all Miscellaneous Stock.

A Large Stock of Asparagus, Adiantum, Common Ferns and all Decorative Material Always on Hand.

Also a fine line of Novelties in Florists' Supplies.

ALL CUT FLOWERS AT LOWEST CHICAGO QUOTATIONS. If you want the BEST at any Time, or all the Time, send to

CHAS. W. McKELLAR,

Long Distance Phone. Central 3598. Automatic, 3623.

51 Wabash Ave., CHICAGO

Please mention the American Florist when writing.

ROSES

For immediate removal we offer a limited number of good, clean, healthy plants at extremely low prices as we are in need of the space they occupy.

	Per 100	Per 1000
American Beauty , 3 1/2-inch.....	\$6.00	\$50.00
American Beauty , 2-inch	4.00	35.00
General MacArthur , 3 1/2-inch.....	8.00	75.00
Uncle John , 3 1/2-inch.....	3.50	30.00
Uncle John , 2-inch.....	2.50	20.00
Chatenay , 3 1/2-inch.....	3.50	30.00
Bride , 3 1/2-inch.....	3.50	30.00
Bridesmaid , 2-inch.....	2.50	20.00
American Beauty (Bench Plants).....	4.00	35.00

Carnations

100,000 FIELD-GROWN. Our plants being large we are prepared to book orders now for early shipment and shall have the following varieties to offer:

ENCHANTRESS,
LAWSON, pink,
BOSTON MARKET,
NELSON FISHER,
STELLA,

CRUSADER,
FLAMINGO,
HARRY FENN,
ROOSEVELT,
MRS. NELSON,

TRIUMPH,
MRS. INE,
FLORA HILL,
PERU,
GUARDIAN ANGEL.

We shall begin making deliveries the latter part of July at which time our stock will be in the best possible shape to ship. Prices furnished upon application, also when writing state when stock is wanted, we guaranteeing all stock to be in A1 condition.

J. A. BUDLONG, CHICAGO. 37-39 Randolph Street,

AMERICAN FLORIST ADS ~ ~ ~

Always do business Week days and every day Sundays and holidays All over the country At home and abroad

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention at Alexandria Bay, N. Y., June 20-22, 1905.

Ever smelt Kentucky grass,
Or heard about its blueness?
Seems as if the whole blamed world
Was bursting out with newness.

Skies and folks alike all smiles—
Gracious! you are lucky
If you spend a day in June
Down in old Kentucky.

ALFRED MUNSON.

E. C. BURPEE is now with Luther Burbank at Santa Rosa, Cal.

PRESENT prospects in the Chicago district are for a little better than the average onion set crop.

JESSE E. NORTHRUP, of Minneapolis, Minn., is on the farm these days in search of rest and health.

OWING to a shortage in the present crop in Costa Rica, corn and beans are temporarily exempted from import duties.

THE Wholesale Seedsmen's League will meet in New York June 14, not June 8 as previously stated in this department.

ON the Pacific coast all seed crops are looking unusually well, except onion, of which that nearest the ocean has blighted a good deal.

VISITED CHICAGO: W. A. Denison, Ellisburg, N. Y.; Robert Livingston and Thomas Ludwig, of the Livingston Seed Company, Columbus, Ohio.

GENERAL trade reports show that business has been a little better in the east than in the west. This may be due to a light farmer's trade and a heavy garden trade among townspeople, the result of the late horticultural agitation.

SEDALIA, Mo.—L. H. Archias, of Archias' Seed Store, will start May 31 for Los Angeles, Cal., as delegate to the Knights of Columbus national convention. He will be accompanied by Mrs. Archias and daughter, Edith. They will also visit Portland and Seattle before returning. Archias' Seed Store reports the most profitable season it has ever had.

San Francisco.

William and Thomas Cox, of the Cox Seed Company, are building some fine apartment houses as an investment.

J. L. Dwire, secretary-treasurer of the Johnson & Musser Seed Company, Los Angeles, was a visitor last week.

Lilly, Bogardus & Company, of Seattle, Wash., have opened a branch store on Market street.

E. F. Ball, with E. J. Bowen, is taking a vacation in the Yosemite.

Chas. P. Braslan was in Los Angeles May 23.

3,700 ACRES OF GARDEN SEEDS
IN CULTIVATION.

Braslan Seed Growers Co.

Wholesale Seed Growers.

SAN JOSE, CALIFORNIA.

Grass Seed Decision.

The State Railroad Commission, of Kentucky, at a meeting, May 24, reached a unanimous agreement to file a petition with the Interstate Commerce Commission to require the L. & N. to reduce its freight rates on hemp and grass seed from Paris, Ky., to New York and other eastern points.

The opinion goes into the alleged injustice to the south due to the fact that when traffic from eastern points reaches points on the Ohio river, a full local rate is added to the through rate from the river, thus imposing a burden on commodities transported to points in the entire southern territory.

American Seed Trade Association.

President Page has issued the following notice to members of the association, dated June 3:

"Word has just reached me that special round trip tourist rates have been made to Alexandria Bay, N. Y., from various parts of the country. Full particulars can be obtained by inquiring of the local ticket agents at all important points, and is contained in the summer tourists' sheets.

"Alexandria Bay is not on any railway but is reached by steamer from Clayton, N. Y., or, if preferred by a longer lake trip from Charlotte, N. Y., Toronto or Kingston, Ont., via the Richelieu & Ontario Navigation Company's elegant steamers.

"Special excursion rates have also been made to conventions held at about the same time at Toronto and Watertown, N. Y., to which points rates may be found more favorable from some places.

"Please be sure and make your arrangements to be present, and I assure you of a good time. Many consider the Thousand Islands the finest piece of scenery in all America, and some who have traveled all over Europe say that there is nothing there that compares with it.

"Matters of great importance to every seed dealer in America will be presented at the convention and I am sure that you will afterwards look back to the three days spent there as among the most pleasant and profitable in your experience."

Louisville.

THE MARKET.

Business the previous week was very satisfactory, commencement work adding greatly to the usual demand. The weather has been very warm, and the stock has been showing it plainly. Decoration day business was about the same as in former years, and was not very noticeable, the street people doing nearly all that work. There is a good supply of fair roses and they are meeting with ready sale. Carnations of fair quality sell very well, the supply being a little short. Sweet peas are in good shape, as the demand warrants. Peonies remain excellent in quality and sell satisfactorily. Lilies can be had in fair supply, but there is small demand for them. Green goods have been very scarce the past week.

NOTES.

The regular monthly meeting of the Kentucky Society of Florists, which was to be held June 6, has been postponed a week owing to the number of commence-

ments, and will be held June 13. A sweet pea show will be given some time in June for the public.

William Walker has had a beautiful window of lilies. F. L. S.

Baltimore.

BUSINESS DISAPPOINTING.

Memorial day was disappointing and generally it seems to have been duller than for several preceding years. Unfortunately for the flower trade in this locality, the custom of decorating the graves, except those of the soldiers and sailors, does not receive much attention. There was greater ceremony so far as the strewing of blossoms on these graves was concerned than has been observed of late, but of individual and family decorations there were comparatively few. Business has been anything but brisk, but there was some improvement towards the close of the week. The confederate Memorial day was June 6, and while there was considerable activity, it practically brought no business, as the materials for their celebrations are almost wholly hardy stock gathered from the gardens and donated for the occasions, the florists being expected to contribute their share. Roses are decreasing in quantity as houses are being torn out. In some shipments mildew is painfully conspicuous. Carnations are also falling off. Peonies are about over, their season this year, owing to heavy rains being very short. The weather is perfect and with seasonable showers freshly planted stock is in fine condition.

John Eberhart, who opened a store in the theatre district, has returned to his old quarters lower downtown at 320 North Howard street. S. B.

Tarrytown, N. Y.

The regular meeting of the Tarrytown Horticultural Society, held May 30, being the annual ladies' night, only necessary business was transacted. One honorary member and three new active members were elected and two names proposed for membership. The occasion was graced by a large attendance of the fair sex. A good musical programme was gone through and refreshments served. All agreed that it was a very enjoyable evening. The exhibits consisted mostly of flowers cut from hardy shrubs and herbaceous plants.

The June show of roses, strawberries, hardy flowers, etc., will be held in the Young Men's Lyceum on the afternoon and evening of June 13. Schedules for this and the November exhibition may be had from Secretary E. W. Neubrand. Wm. Scott.

Providence, R. I.

It is generally accepted that the Memorial day business this year was in excess of last year's receipts. Flowers stood very scarce for awhile with corresponding high prices, such as \$3 per 100 for carnations and \$3 for stocks, and the cut seemed soft and lasted poorly, probably being salted. On the last day, almost too late for use, there came in a fine lot of firm flowers at a shade lower in price. The demand for plants was especially good. M.

AURORA, ILL.—Joseph M. Smely left for West Baden, Ind., May 31, to be treated at the spring, his health having been rather poorly of late.

Vaughan's Seeds for Summer Sowing.

10 PER CENT SPECIAL CASH DISCOUNT on orders over \$2.00 for Flower Seeds if the cash is enclosed, 10 per cent. This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent.



Vaughan's International Primula Mixture.

This mixture is composed of the most salable colors of Single Flowering Chinese Primulas.

Price for International Mixture: 1 packet of 350 seeds.....\$.50
5 packets, 1,750 seeds..... 2.00
Per 1-16 ounce..... 2.50

VAUGHAN'S SEED STORE, 84 and 86 Randolph St., CHICAGO. 14 Barclay Street, NEW YORK.

Chinese Primulas.

	250 Seeds.	1000 Seeds.
Alba, pure white.....	\$.35	\$1.20
Chiswick Red, bright red.....	.50	1.75
Kermesina Splendens, crimson.....	.50	1.75
Atrorubra, brightest deep red.....	.50	1.75
Alba Magnifica, snow-white, of excellent form.....	.50	1.70
Glowing Coal, the darkest red.....	.50	1.75
Peach-Blossom, beautiful white with pink hue.....	.50	1.70
Mauve, light soft color.....	.50	1.50
Blue, a clear sky-blue.....	.50	1.70
Upright Deep Velvety Red.....	.50	1.70
Rosea, a bright pink.....	.35	1.20
Bridesmaid, brightest pink.....	.50	1.75
Mont Blanc, large, pure milk-white flowers.....	.50	
Striata, white and lilac striped.....	.35	1.20
Mixed, a splendid variety.....	1/2 oz., \$3.00	.25 1.25
Fern Leaved, white, pink, or all colors mixed.....	.40	1.25

Vaughan's Columbian Cineraria.

It consists of a mixture made up by ourselves of the choicest English, French and German strains. Trade pkt. (1000 seeds), 50c; 3 pkts., \$1.25. Trade Pkt. New large flowering Cineraria, "Old Rose"..... 50c
Cineraria Hybrida, one large flowering mixed, 500 seeds..... 25c
Hybrida Grandiflora Nana, best mixed dwarf..... 25c
Hybrida Plenissima, extra choice mixed, double..... 50c
Hybrida Grandiflora, Scarlet Queen..... 25c

Gloxinia Hybrida. Vaughan's Columbian Mixture.

Pkt. (1000 seeds), 50c; 3 pkts. for \$1.25.

Calceolaria Hybrida.

Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties, and we know will give entire satisfaction. Trade pkt. (1000 seeds), 50c; 3 pkts. for \$1.25.

EXCURSION to Asbury Park, N. J. via the Wabash

On Account of the National Educational Association, Leaving Chicago June 29 to July 2

Low rates, long limits, liberal stop-over privileges, with the option of Lake Steamers between Detroit and Buffalo, Hudson River Day Line Steamers from Albany to New York, and Ocean trip from New York to Atlantic Highlands.

The only line running Free Chair Cars between Chicago and New York.

Write for free copy of Wabash N. E. A. Illustrated Folder, containing maps, time cards and full details.

C. S. CRANE, G. P. & T. A., St. Louis. F. A. PALMER, A. G. P. A., Chicago.

BOSTON FERNS

PALMS, DRACAENAS, GERANIUMS, COLEUS, and general bedding stock in large quantities. Write for prices. Cash or satisfactory references.

L. H. Foster Estate, 45 King St., DORCHESTER, MASS Please mention the American Florist when writing.

Asparagus Seedlings

From flats. Well grown and thrifty.
Plumosus Nana..... \$10.00 per 1000
Sprangeri..... 8.00 per 1000
Large 3-inch Plumosus Nana..... 25.00 per 1000
Cash with order, prepaid. Get our prices on large lots.

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WHOLESALE SEED GROWERS CHICAGO.

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now. Beans, Peas and Garden Seeds. WRITE FOR PRICES.

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BRANDS { MULTIBELL Early Forcing Berlin Pips.
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ROSES

BRIDE, BRIDESMAID, IVORY and GOLDEN GATE, extra strong stock, out of 3-in. pots, \$1.00 per 100; \$35.00 per 1000.

GREVILLE ROBUSTA, fine for vases, etc., 18 to 24 inches high, out of 4-in. pots, \$2.50 per doz.
ASPARAGUS PLUMOSUS, 2 1/2 inch, \$3.00; 3-inch, \$5.00 per 100

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AMERICAN FLORIST

WHEN WRITING ADVERTISERS.

THE HORTICULTURAL TRADE JOURNAL.

The largest, brightest, and best advertising medium for the Horticultural Trade in Great Britain, published weekly. Also

THE INTERNATIONAL HORTICULTURAL TRADE JOURNAL.

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CHOICE ROSE STOCK

From 2 1/2 and 3 1/2-inch pots.

Killarneys, Brides, Bridesmaids. Write for prices.

JOHN YOUNG 51 West 28th St. NEW YORK CITY. Telephone, 4463 Madison.

Please mention the American Florist when writing.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June 14-16, 1905.

THE next meeting of the Pacific Coast Association of Nurserymen will be held at Portland, Ore., July 5 and 6, 1905.

THE next meeting of the American Association of Nurserymen will be held at West Baden Springs, Ind., next week, June 14 to 16.

THE annual meeting of the Texas Nurserymen's Association for 1905 is scheduled to begin July 26 at College Station, Texas.

RENO, NEV.—An agricultural and horticultural experiment station is to be established in the state in the valley of the Muddy river in Lincoln county.

PULASKI, TENN.—The Nelson-Cameron Nursery, at Tarpley, executed a deed of trust May 22 to E. E. Eslick to secure a payment of their debts. The creditors are all local.

CLEVELAND, TENN.—The Easterly Nursery Company, of this city, during the second week in May sold \$5,000 worth of nursery stock. W. A. Easterly is president and manager.

W. W. PERKINS, of Orange, Cal., the southern section, has been looking at land in Stanislaus county, which is southeast of San Francisco about 100 miles. He is pleased with conditions there.

ST. JOSEPH, MO.—John Charles Whitten, professor of horticulture at the Missouri state university, delivered a lecture in this city May 11. He came here under the auspices of the Civic Improvement League.

TROY, N. Y.—Contemplated improvements to Prospect park include a \$3,000 propagating house, the laying out of a large rose and herbaceous garden, and the planting of additional trees and shrubs, the latter necessitating an expenditure of \$5,000.

WM. A. PETERSON, the well-known Chicago peony specialist, says *Delicatisima* is the name of the famous pink peony which Kennicott Brothers have found so popular with western flower buyers. The plant is by no means rare, considerable stock being held by American and European growers.

THE next biennial meeting of the American Pomological Society, the twenty-ninth in the history of the organization, will be held in Kansas City, Mo., August 8 to 10, 1905. The meeting goes to Kansas City at the earnest request of the Missouri Horticultural Society, backed by the horticultural societies of the Mississippi valley and the western states in general.

AMES, IA.—The horticultural department of the Iowa State College is experimenting to ascertain the cost and efficiency of the various methods of artificial treatment of posts and other tim-

bers that come in contact with the soil, and to find a practical method of making such quick growing trees as cottonwood, willow and maple as long lived as cedar and oak.

American Association of Nurserymen.

SOME EARLY HISTORY.

The American Association of Nurserymen, Florists, Seedsmen and Kindred Interests was its full title when first formed, during Centennial year, 1876, and it included many florists and seedsmen until ten years after, when the now notable Society of American Florists was organized in Chicago at the meeting of the American Association of Nurserymen, when the tail of the name of the mother society was dropped, and the florists have since mainly paddled their own canoe.

It was at the Crystal Lake meeting of the Northern Illinois Horticultural Society in January 1876, that a proposition was made by Dr. John E. Ennis, of Clinton, Iowa, for a national meeting of



E. W. Kirkpatrick.

(President American Association of Nurserymen.)

nurserymen, florists, seedsmen and kindred interests, to be held in Chicago some day to be agreed upon. The proposition was received with favor and a committee appointed for the purpose of carrying it out. The committee appointed was as follows: Dr. John E. Ennis, Clinton, Ia.; L. K. Scofield, Freeport, Ill.; J. S. Stickney, Wauwatosa, Wis.; A. R. Whitney, Franklin Grove, Ill.; Edgar Sanders, Chicago; D. Wilmot Scott, Galena, Ill.; Louis Elsworth, Naperville, Ill.

The committee conferred with prominent horticulturists, east as well as west. At an informal meeting afterward held in Chicago Edgar Sanders was chosen as president, D. Wilmot Scott secretary, and A. R. Whitney treasurer. A circular was then agreed upon, calling a meeting at the Exposition building commencing June 14, 1876, a. m., and to continue two days. The society was then duly organized and sixty-two members subscribed to the rolls. Alas! many have now gone over the bourne.

The next year the meeting was in the same place, with a total of fifty-eight paid members, very few of the names of whom can be found on the roster for 1904. Chicago has always been a favorite city for holding its conventions. At the convention held in St. Louis in 1883 Edgar Sanders was again elected its president, and the convention was held in Chicago in 1884 for the fifth time up to that date.

EDGAR SANDERS.

PRESIDENT KIRKPATRICK.

E. W. Kirkpatrick, the president of the American Association of Nurserymen, was born in Jefferson county, East Tennessee in 1844, and emigrated to Texas with his father in 1854. On the breaking out of the civil war he enlisted in the confederate army, in which he served three years. In 1874 he married and located in the nursery business at McKinney, Texas, on the land which was purchased by his father in 1854, and has continued there until this day. He has been largely interested in farming and milling interests and has been very successful in his various undertakings. His best efforts and interests, however, have been devoted to horticulture and the nursery business. He became a member of the association in 1897, and has since taken a very active part, and was a member of the committee on transportation last year. Mr. Kirkpatrick is very prominent in the horticultural pursuits of his state, being president of the Texas State Nursery Association, president of the Texas Nursery Company at Sherman, Texas and president of the Whitesboro Fruit Company, and was a member of the horticultural commission from Texas to the Louisiana Purchase Exposition at St. Louis. He is also engaged in voluntary work for the Texas State Farmers' Institute.

Although Mr. Kirkpatrick has retired from active nursery business, he is deeply interested and devotes considerable time to the discovery and originating of new and improved varieties of fruits, and has accomplished valuable results in this line, especially in peaches and pecans, and has now 1,500 to 2,000 new varieties of peaches and the same number of pecans under investigation. Among the varieties introduced by him of special merit is the Rodgers peach, of the Mamie Ross type or Carman family, which is considered an improvement over all of this strain. He also introduced Wheeler's Early, a white cling of the Oldmixon type, ripening this year May 23, which will probably prove the best of the early shipping kinds. He is also the introducer of the McDonald blackberry, which is preferred over all other varieties of blackberries in some sections of Texas.

The Alleged Seedless Apple.

One of our correspondents suggests that we tell something about Spencer's alleged seedless apple, adding that he sees a good deal of comment about it in the newspapers. We made all the statement that was necessary in connection with this matter nearly a year ago in our issue of June 25, 1904, page 899, and we then published what we believe to have been the first illustration of the fruit which has appeared in any trade journal.

700,000 Cal. Privet

Per 100 1000
 3 yrs., 2 1/2 to 3 ft., extra heavy..... \$3.25 \$28.00
 3 yrs., 2 to 2 1/4 ft., well branched..... 2.50 23.00
 3 yrs., 18 to 24 in., "..... 2.00 15.00
 3 yrs., 12 to 18 in., 4 to 8 branches..... 1.50 10.00
 yrs., 3 1/4 to 4 ft., very heavy..... 3.00 25.00
 yrs., 2 1/4 to 3 ft., well branched..... 2.25 18.00
 yrs., 2 to 2 1/4 ft., "..... 2.00 15.00
 2 yrs., 2 to 2 1/4 ft., 3 to 6 branches..... 1.50 10.00
 2 yrs., 18 to 24 in., 5 to 8 "..... 1.50 10.00
 1 yr., 14 to 20 in., 2 to 4 "..... 1.25 7.00
 1 yr., 10 to 14 in., 1 to 2 "..... 1.00 5.00
 Cuttings, strong..... .75
 Tree form, 3 yrs., beads 4 to 5 feet..... 25c each

All the above plants have been transplanted and out back except one year, which makes them a clean, good stock. Parties wanting 5,000 or over, will write and get better rates.

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 Wholesale Growers of Hardy, Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilacs a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.
 When in Europe please inspect our nurseries.
 NAARDEN-BUSSUM, near Amsterdam, is our R. R. Depot.
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PEONIES.

Wholesale and retail catalogues ready for distribution. Sent free on application. All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.
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QUEENS, LONG ISLAND, N. Y.
 SPECIALISTS:
 PEONIES, CARNATIONS AND SPECIMEN NURSERY STOCK

EVERGREENS Large Assortment.
 Specialties—White Pine, Hemlock and Large Evergreens. Spring List for details.
Andorra Nurseries,
 Wm. Warner Harper, Prop. CHESTNUT HILL, PA.

BABY RAMBLER.
 Everblooming Dwarf Crimson Rambler.
 A gem among Roses. An everblooming, dwarf reproduction of Crimson Rambler. Always in bloom. Every florist in the land should have it. 2 1/4-inch pot plants, now ready for delivery, \$2.50 per doz.; \$15.00 per 100; \$125.00 per 1000.
The Dingee & Conard Co., WEST GROVE PA.

TREES
 Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collections in this country.
 Gold Medal—Paris—Pan-American—St. Louis. 102 prizes New York State Fair, 1904.
 Illustrated Descriptive Catalogue FREE on Request.
ELLWANGER & BARRY
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 Drauer 1044 V Established 65 Years.

Everblooming Roses

Surplus stock of Standard varieties of Everblooming Bedding Roses, at prices that will close them out. Strong healthy stock from 2 1/2-in. pots, to include

Bridesmaid, Bride, White Maman Cochet, Mary Washington, Queen's Scarlet, Etc.

Strictly our choice of varieties in good assortment, \$2.00 per 100, \$17.00 per 1000.

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ROSE PLANTS

STRICTLY FIRST-CLASS STOCK. OWN ROOTS.

De Brabant,	Philadelphia Rambler,	Marechal Niel,	Malmaison.
Ivory,	White Rambler,	White Maman,	Pink Rambler,
Meteor,	Clothilde Sнопert,	Duchess of Albany,	Yellow Rambler,
The Bride,	Etoile de Lyon,	Helen Gould,	Hermosa.
	From 2 1/4-inch pots, \$2.25 per 100; \$18.00 per 1000.		
Crimson Rambler,	Perle des Jardins,	Gen. Jacqueminot,	Kaiserin Aug. Victoria,
La France,	Vick's Caprice,	P. C. de Rohan,	Sunrise.
Mme. Chas. Wood,	Capt. Christy,	Mme. Plantier,	
	From 2 1/4-inch pots, \$3.00 per 100; \$25.00 per 1000.		

C. M. NIUFFER, Springfield, O.

DAHLIA KAISERIN AUGUSTA VICTORIA:

The Best White Dahlia in Existence. My own importation. I control the entire stock of it. Flowers double, of the purest white, 4 to 5 inches in diameter. A wonderful bloomer. Stems, 12 to 18 inches long. Plants 3 to 3 1/2 feet high. The finest plants from cuttings. Good strong stock from 2 1/4-inch pots, \$3.00 per doz.; \$20.00 per 100. Delivery May 1st. Orders filled in rotation. Early booking suggested. Highly commended by the American Institute and the New York Florists' Club. Address

A. L. MILLER, Jamaica Ave., Brooklyn, N. Y.

Please mention the American Florist when writing.

New Dahlias of Proved Merit.

Embracing a complete set of 12 New Century Dahlias; 25 New Cactus Dahlias; New Collarlette Dahlias; New Giant-Flowers Dahlias; New Fancy Dahlias; New Decorative Dahlias; New Show Dahlias; New Single Dahlias. In all, 38 of the most wonderful Single Dahlias ever produced, and 44 of the grandest Double Dahlias.

All exquisite in form, shape and coloring; free bloomers and Money Makers. Faithfully and truly described in our new illustrated descriptive catalogue, mailed free upon request.

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Silver Ribbon Grass

The new hardy perennial. The finest ornamental grass to be had—perfectly hardy can be used indoors and out, grows rapidly and does not turn green or run to seed. Strong field-grown roots, 15c each by mail, postpaid. \$1.25 per dozen; \$8.00 per 100 by express, charges not prepaid. Can fill orders at any time. Terms cash with orders.

James Vick's Sons,
 ROCHESTER, N. Y.

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Baby Rambler

The Always in Bloom Rose. 2 1/4-in., \$2.50 per doz., \$15.00 per 100, \$125.00 per 1000; 3-in., \$3.50 per doz., \$25.00 per 100; 4-in., \$6.00 per doz.

CHOICE VARIETIES OF

Everblooming Roses

\$3.00 per 100 in quantity; some new varieties higher. Extra good 2 1/2-in. plants.

Genista Fragrans,
 2 1/2 in., at 75c per doz., \$5.00 per 100.

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For } Trees, Shrubs, Vines
 Your } and Small Fruits.

Descriptive Illustrated Catalogue Free.

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A FEW GOOD THINGS YOU NEED.

Roses for forcing and outdoor planting. Rhododendrons for forcing and outdoor planting. Clematis in leading varieties. Hydrangea P. C. in all sizes. Boxwood in different sizes. Azalea Mollis very cheap. Lilac for forcing and field-grown stock. Deutzia Graeffia, strong plants at a bargain, and other good things for Nurserymen and Florists; very reasonable prices. Wholesale catalogue mailed free upon application.

W. VAN KLEEF & SONS, Boskoop, Holland,
 Wholesale Growers of Nursery Stock.

Orange, N. J.

The regular monthly meeting of the New Jersey Floricultural Society was held at Orange June 2. The occasion was made a special "ladies' night," and the usual floral display was added, the special social feature. The evening was varied by a musical and dramatic entertainment and light refreshments. Photographs of the exhibits receiving the highest marks for the last five months covered one side of the room. The exhibits for the evening consisted of orchids, *Cattleyas Mendelii*, *Mossia* and *gigas* with *Cœlogyne Dayana*, from the collection of Henry Graves, grown by Edwin Thomas; *Phalænopsis grandiflora*, *Lælia elegans*, *Cypripedium Lawrenceanum* and *Cattleyas gigas*, and *Mossia* from the collection of William Barr, grown by Arthur Bodwell; a collection of cut orchid blooms from Julius Roehrs consisting of white *Cattleya Mossia* *Reineckiana*, *Dendrobium atro-viola-cum* and hybrid *Lælia purpurata* illustrated beautifully the value of these flowers in decorations. Two vases of enormous *Papaver orientalis* from Brighthurst, grown by Peter Duff; *gloxinias* in variety from William Runkle, grown by D. Kindsgrab; a vase of mixed *aquilegia* in light tints (very much admired) and *pyrethrums*, many with anemone centers, from the Colgates, grown by William Reed; *peonies* from Stewart Hartshorn, grown by A. Caparn; *poppies* and *irises* from George Merck, of Llewellyn Park, grown by Max Schneider; and *Pandanus Veitchii* and *Raphis humilis*, grown by D. Kindsgrab. Arthur Bodwell's plants of *Nicotiana Sandera* were the first which have been shown in this vicinity, and a white of this same variety, one out of forty plants raised, is the first so far reported. The judges were Jos. A. Manda, Arthur Caparn and Jas. Goodier. J. B. D.

NEWTON CENTER, MASS.—H. A. Wheeler, of Mill street, is building two large greenhouses on Beacon street, for the cultivation of orchids.

IONIA, MICH.—Blooming plants had an immense sale on Memorial day. M. Wetterling did a large business in pansies, geraniums and *Crimson Rambler* roses, as also did D. A. Vincent. Excellent stock was the rule.

CHRYSANTHEMUMS.

Fine, Strong Plants, \$2.00 per 100.

Chadwick, Golden Chadwick, Robinson, Bonnaillon Morel, Intensity, Maud Dean, Shrimpton, Mouravia.

HOYT BROS., 807 Riverside Ave., SPOKANE, WASH.

Kaiserin Roses

Strong, healthy stock, 4-inch, 8c; 3-inch, 3½c. Old stock, Brides and Maids, 3c each. Write for prices on large lots.

MRS. A. M. SCHAFER, 229 Balmoral Av., CHICAGO.

1,500 Small, Large and Extra Large Bay Trees FROM EUROPE.

Pyramids, Standards, Pyramid Standards at the right prices. For quotations apply to **Julius Roehrs Company,** RUTHERFORD, N. J.

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ASTERS.

Field grown in following kinds: Giant Comet, mixed; Simple's white, pink, purple and lavender, 40c. per 100 \$3.50 per 100.

CABBAGE, field grown, nice stock, to close out, 75c. per 1000, the following kinds, express, Wakefield and Allhead. This is a bargain if you can use them. Cash.

BYER FLORAL CO., Shippensburg, Pa.

BEDDING STOCK

Geraniums, white, pink, red and salmon	2½-in.	3 in.	4-in.
Petunias	\$3.00	\$5.00	\$ 8.00
Salvias	2 50	5 00	
Ageratum	2 00	4 00	
Sw. Alyssum	2 00		
S. L. Geraniums	3.00	5.00	
Fuchsias	3 50	5 00	8 00
Lobelia	2 00		
Marguerites	2 50	8.00	10.00
Begonias			
Plumosus 2 in.	\$3.50 and \$5.00		
" 3-in.	5.00 and 8.00		
Sprengeri	2 50	5 00	10 00
Small Ferns		6 00	

WRITE. **GEO. A. KUHLE, Pekin, Ill.** Please mention the American Florist when writing.

200,000 BEDDING PLANTS AT REDUCED PRICES.

First-Class Stock that will please. **Geraniums**, most in bud and some in bloom, Ricard, Double Gen. Grant, Poitevine, Buchner, strong, 3 and 4-inch, \$3.00 and \$4.50 per 100.

Verbenas, most in bloom, 2 and 3-inch, \$1.00 and \$2.00 per 100. **Ageratum, Lobelia**, strong, 2-inch, \$1.25 per 100. **Coleus**, *Verschoffeltii*, yellow and fancy, mixed; **Alternantheras**, **German Ivy**, strong, 2-inch, \$1.50 per 100. **Begonia** *Vernon*, red, pink, white, strong, 2 and 3-inch, \$2.00 and \$3.50 per 100. **Petunias**, Dreer, single, fringed, strong, 3-inch, blooming, \$2.50 per 100. **Cannas**, French, mixed, strong, 4-inch, \$4.00 per 100. **Salvia** *Bonfire* and *Splendens*, extra strong, 2, 3 and 4-inch, \$1.25, \$2.00 and \$3.00 per 100; \$10.00, \$15.00 and \$25.00 per 1000. **Cobaea Scandens**, 3-inch, \$3.00 per 100. **Dracaena Indivisa**, strong, 4 and 5-in. \$6.00 and \$12.00 per 100. **CASH. WM. HERZOG, Morris Plains, N. J.**

Palms and Asparagus CHEAP.

Lantana Bor., 2-in. pot,	seed leaves..	\$ 3.00
" " 3-in. pot, 15-18 in.,	3 chr. lvs...	12.00
" " 5-in. pot, 18-20 in.,	3-4 chr. lvs.	15.00
" " 5-in. pot, 20-24 in.,	4 chr. lvs.	20.00
Kentia Bel., 2½-in. pot, 6-8 in.,	2-3 leaves..	10.00
" " 3 -in. pot, 8-10 in.,	3-4 leaves..	12.50
Asparagus Plumosus Nanus,	2-inch.....	2.50
" " 3-inch		5.00

SHERMAN NURSERY CO., CHARLES CITY, IA.

...Directory OF SEEDSMEN NURSERYMEN

PRICE, \$2.00.

Wm. P. Craig Importer and Exporter..... **Plants, Bulbs and Seeds.** 1305 Filbert Street PHILADELPHIA. Please mention the American Florist when writing.

CHRYSANTHEMUMS Rooted cuttings from cool grown stock of the following varieties: American Beauty, globular dark pink; Dr. Enguehard, \$1.00 per 100. Merry Monarch, white and yellow; Willowbrook, Polly Rose, Pacific, R. Holliday, Ivory, R. binson, Nellie Puckett, Bonnaillon, Lincoln, Maud Dean, Merry Christmas, \$1.50 per 100; \$12.50 per 1000. Cash with **G. F. NEIPP,** Jamaica P. O. order, please. **Wogdhaven Station AQUEDUCT, L. I., N. Y.**

Please mention the American Florist when writing.

GOOD ROSE STOCK NOT REJECTS OR CULLS.

Strong, Well Grown Plants. 2 ¼-in. 3-in. Brides and Maids, per 100.....\$2.50 \$4.00 Gates and Ivory, per 100..... 2 50 4 00 Meteors and Hermosa..... 3 00 5 00

BOSTON FERNS.

2½-in., \$3.50; 3-in., \$8.00; 3¼-in., \$10.00; 4-in., \$12.00; 5-in., \$25.00; 6-in., \$40.00 and 7-in., \$60.00 per 100. Ready to retail now at a fine profit.

Geraniums, 3-in., \$5.00 per 100.

Coleus, beautiful collection, \$2.00 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.

Salvia Splendens...

IN FOUR POPULAR VARIETIES.

Excellent stock, strong, should be planted at once. From 2¼-inch pots, \$2.00 per 100.

SALVIA AUDUBON—Bright green, heavily blotted with yellow; scarlet flowers. From 2¼-inch pots, \$4.00 per 100.

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Chrysanthemums.

New and Standard Varieties.

Fine plants, now ready. 2½-inch pots.

Write for List and Prices.

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ROOTED CUTTINGS OF CHRYSANTHEMUMS

Opah, October Sunshine, Mme. Bergman, Willowbrook, Robinson, Major Bonnaillon and Ivory, all at \$10.00 per 1000.

VIOLETS, from 2-inch pots, Princess of Wales and Dorsett, single; Marie Louise and Lady Cambell, double, all at \$2.50 per 100; \$20.00 per 1000.

ELI CROSS, Grand Rapids, Mich.

LOOKING FOR A BUYER JUST ABOUT NOW.

For \$5.00 I will send you 100 assorted **CHRYSANTHEMUMS** of the very finest kinds, including Cheltoni, Guy Hamilton, W. Duckham, Donald McLeod, and many others.

Why not write me? I can save you money on **CHRYSANTHEMUMS.** **CHARLES H. TOTTY, Madison, N. J.**

Carnations and Cannas

SPEAK QUICK.

2,000 fine strong **Carnation Plants** from flats hardened off outside ready to plant. **Queen Louise**, \$20.00 per 100; **Jost**, \$15.00 per 100; **Prosperity**, \$2.00 per 100; 100 and over at 1000 rates.

1,000 fine **Poited Cannas** well established, of best bedding sorts, \$1.00 per doz. or \$6.00 per 100. **Shenancoaband David Harum**, best bronze; **Crimson Bedder**, **Mme Crozy**, **F. Vaughan**, **Pensylvania**, **Chas. Henderson**, **Duke Marlborough**, **Sou. de Antoine Crozy**, **Rosemaur**, pink, **Alsace** and **Gloriosa**, 2 1/2 feet, gilt edge from outside row. **Permanent Cannas** not named, all colors, \$1.50 per 100.

Heliotrope, 2 1/2 c. **Verbenas**, pots, 2c; flats, 1c. **Shasta Daisies**, 3c. **Scarlet Sage**, 2 1/2 c.

Pierston Ferns, 3-inch 10c; **Scottii**, 6-inch \$1.00; 2 1/2-inch 20c; **Boston**, 2 1/2-inch 4c. **Clematis paniculata**, 3 year, 10c; **English Ivy**, field grower, long tops, 8c.

1,000 **Ampelopsis Veitchi**, 2 year, 8c; 1 year, pot grower, long tops, 4c; **Vioca Major Var.**, 4-inch, 8c; 2 1/2-inch 3c.

Chrysanthemums, **Duckham** and **Enguebard**, 5c.

Send for Lists. Cash or C. O. D.
BENJAMIN CONNELL,
 WEST GROVE, PA.

Please mention the American Florist when writing.

\$1.50 per 100 All strong 2-inch pot stock, lots still in bloom.

Rooted Cuttings, prepa. Cuttings, plants
 Per 100 Per 100

Ageratum , Pauline, Gurney.....	\$0.50	\$1.50
Petunia , dbl. fine variety and stock	.75	1.50
Salvia , Bonfire, Splendear, Silverspot.....	.90	
Fuchsia , 5 kinds; Paris Daisy , white	.75	1.50
Alternanthera , red and yellow.....	.50	1.50
Stevia , serrata and Variegata.....	.75	1.50
Coleus , 12 beat bedders.....	1.00	.60
Abutilon , Golden Bells, Dbl. Alyssum, Giant, white.....		1.50
Roses , Ivory, Golden Gate.....		2.00
Smilax Seedlings, 30c pr 100; Centaurea Dusty Miller and Colden Fervent , 2-in. \$1.50 per 100.		
Geraniums , fine varieties 2 1/2-inch 2c.		
Aster Simple's, white, pink, crimson, lavender and purple \$3.00 per 1000.		

Cash. Direct all orders plainly to

BYER BROS., Chambersburg, Pa.
 Please mention the American Florist when writing.

ROSES We Grow Over
100,000 Annually.

Variety.	2x2 1/2-in.	2 1/2x3-in.	3x3 in.
Brides	\$2.50	\$3.50	\$5.00
Bridemaids	2.50	3.50	5.00
Golden Gate	2.50	3.50	5.00
Ivory	2.50	3.50	5.00
Meteors	3.00	4.00	6.00
Sou. de Wootton	3.00	4.50	6.00
Kaiserin Aug. Victoria	3.00	4.50	6.00
Perle des Jardins	3.00	4.50	6.00
Belle Siebrecht	3.50	4.50	7.50
La France	3.50	4.50	7.50
President Carnot	3.50	4.50	7.50
Gen. MacArthur	6.00	7.50	12.50
La Detroit	6.00	7.50	12.50
American Beauties	6.00	8.00	12.50

Get your order in early and we will ship when wanted. Write for list of Chrysanthemums.

GEO. A. KUHL, Pekin, Ill.
 Please mention the American Florist when writing.

White Lawson

The Finest White Carnation.

Also **Cardinal**, **Fred Burki**, **Mrs. M. A. Patten**, **Dahem**, **Enchantress**, **Flamingo**, **Mrs. Thos. W. Lawson**, etc. Write us about your needs.

F. R. PIERSON CO.
 TARRYTOWN-ON-HUDSON, N. Y.
 Please mention the American Florist when writing.

Asparagus Plumosus.

Nice stock from 2-in. pots, \$2.25 per 100; \$20.00 per 1000; not less than 500 at 1000 rates.

W. W. GOLES, Kokomo, Ind.

Smilax

Per 100
 Fine plants, 2 1/2-inch pots..... \$1.25
Petunias, seedling, 2 1/2-in. pots..... 2.50
Pansy Seed, July \$4.00 per oz.
 CASH or C. O. D.

JOS. H. CUNNINGHAM, Delaware, Ohio.

A FEW GOOD THINGS YOU WANT.

DRACAENA INDIVISA, 3, 4, 5-inch, \$5.00, \$10.00 and \$25.00 per 100.
ASPARAGUS PLUMOSUS, 2-inch \$5.00 per 100.
ASPARAGUS SPRENGERI, 2 and 3-in., \$3.00 and \$5.00 per 100.
GERANIUMS, S. A. Nutt, Castellane, John Doyle, Perkins, Single and Double, Gen. Grant, La Favorite, Mme Sallerot, 2-in. pots, \$2.50 per 100; 3-in., \$5.00 per 100.
VINCA VARIEGATA, 2 and 3-inch, \$2.00 and \$4.00 per 100.
SCARLET SAGE, LOBELIA, VERBENA, HELIOTROPE, Double and Single **PETUNIA, COLEUS**, red and yellow, **AGERATUM**, blue, **ALTER-NANTHERA**, red and yellow 2-in. pots, \$2.00 per 100.
CANNAS, 3-in. pots, red, yellow and variegated, \$5.00 per 100.
BOSTON FERNS, 5-inch, 30c each.
 A nice lot of **MADE UP KENTIA PALMS**, in 8-in. and 9-in. pots, at \$3.00 to \$5.00 each. Splendid plants for decoration.

CASH WITH ORDER.
GEO. M. EMMANS, NEWTON, N. J.
 Please mention the American Florist when writing.

CYCLAMEN PLANTS.
 Seed taken of only selected flowers and well built stock; none better. Once transplanted, \$2.00 per 100, \$18.00 per 1000; twice transplanted, \$3.00 per 100, \$25.00 per 1000. **Echeveria**, \$3.00 per 100. **Alternanthera**, best yellow; **Santolina**, **Mme. Sallerot Geranium Coleus**, from 2-inch pots, at \$2.00 per 100, \$18.00 per 1000. **Asters**, Olmstead, white and Semple's Branching in pink, white and lavender, once transplanted from selected flowers, \$1.00 per 100, \$8.00 per 1000. **Chrysanthemums**, standard and novelties, 2-in., \$2.00 per 100. **C WINTERION**, **Dalliance O.**

Cyclamen Giganteum.

Our well known strain in separate colors. Fine, strong healthy plants: 2 1/2-inch, \$5.00 per 100; 3 inch, \$5.00 per 100 Satisfaction guaranteed.

LEHNIG & WINNEFELD
 HACKENSACK, N. J.
 Please mention the American Florist when writing

GRAND RAPIDS VIOLET STOCK.
Imperial, M. Louisa and **Princess of Wales**, 2 1/2-inch pots, \$3.00 per 100; \$25.00 per 1000. per 1.0
Alyssum, dbl., 2-inch..... \$ 3.00
Lobelia, trailing, 2-inch..... 3.00
Centaurea, 2 inch..... 3.00
Mme. Sallerot, 2 inch..... 3.00
Salvia, 4-inch..... 6.00
Marguerites, 4 inch..... 6.00
Dracaena indivisa 3-inch..... 10.00

CRABB & HUNTER, Grand Rapids, Mich.
 Please mention the American Florist when writing

100,000 Alternantheras.

STRONG ROOTED CUTTINGS.
 A. Nana, yellow, 50c per 100; \$4.00 per 1000. P. Major, red, 50c per 100; \$4.00 per 1000. Red and yellow from 2 inch pots, \$1.50 per 100. Special prices on 5 000 or more.

DAVIS BROS., Morrison, Ill.
 Please mention the American Florist when writing.

SPECIALTIES

ROSES, from 3-inch pots,
CARNATIONS, for fall delivery,
CHRYSANTEMUMS,
SMILAX, VIOLETS. **In Best**
Varieties

Prices Low. Send for List
WOOD BROTHERS, Fishkill, N. Y.
 Please mention the American Florist when writing.

Wanted 200 or 300 Estelle Carnations, rooted cuttings or field plants in fall.
 Write **WONSETLER GREENHOUSES**, Bryan, Ohio.

Asparagus

Per 100
Plumosus Nanus, 2 1/2-in. pots..... \$2.00
Sprenger, 2 1/2-in. pots..... 2.00
Primrosea, Chinese, Ubconica and Forbesi July 10..... 2.00

BEDDING PLANTS.

Per 100
 2 1/2-in.

Ageratum , dwarf, blue and white.....	\$2.00
Alternanthera , red, yellow, 100 R. C., 50c.....	1.50
Alyssum , Sweet, Giant dbl.....	2.00
Asparagus Plumosus and Sprenger , 3-in., \$5.00; 4-in., \$8.00.....	2.50
Begonia Veraon	2.50
Cabbage , all vars., 1,000 \$1.00; 10 000 \$8.50.	
Carnations , R. C. 2 and 3-in. Price list free.	
Celery , White Plume, trp., 1,000. \$2.00	
Cobaea Scandens , trpl., from flats, \$1.00.....	2.00
Coleus , in varieties.....	2.00
Dahlia , in varieties, doz., 50c.....	4.00
Daisies , in bloom, strong, 100 \$1.00.	
Dracaena Ind. , 2, 3, 4, 5, 6-in., 100, \$2.50, \$5.00, \$10.00, \$25.00 and \$50.00.	
Dusty Miller , trpl., from flats, \$1.00.....	2.00
Ferns , Boston, fine, 5-in., 100, \$20.00.	
Feverfew , Little Gem, 3-in., 100, \$5.00.....	2.00
Forget-me-not , in var., trpl., 100, \$1.00.....	2.00
Fuchsia , in var., 3-in., \$5.00.....	2.50
Geraniums , in varieties, 3-in., \$5.00.....	2.50
Geraniums , Mme. Sallerot, very strong.....	2.50
Geraniums , fancy, tricolor and new varieties dozen, \$1.00.....	3.00
Geraniums , Ivy-leaved, 3-in., \$6.00.....	2.50
Heliotrope , in varieties, 3-in., \$5.00.....	2.50
Ivy , Kenilworth.....	2.50
Lobelia , dwarf and trail., sep., trpl., \$1.00.....	2.00
Lantana , in var., 3-inch, \$5.00.....	2.50
Leon Verbea , 3-in., 100, \$5.00.....	2.50
Marguerites , white and yellow.....	2.00
Pansies , 300,000 splendid mixed, in bloom. Per 100. \$12.50, \$10.00, \$6.50, according to size. Sample free. White, blue, black, purple, yellow, separate colors, trpl., 100, \$1.00.	
Petunia , double fringed.....	2.50
Petunia , single.....	2.00
Phlox , Drummond, mixed.....	2.00
Salvia , in varieties.....	2.00
Smilax , trpl., from flats, strong, \$1.00.....	1.50
Sweet Potato Alba , 3-in., \$4.00 to \$5.00	
Sweet Potato , Jersey, 10,000 \$12.50; 100, 25c.	
Tradescantia	2.00
Umbrella Plants , 3-in., \$4.00.	
Verbena , mix. and sep. col., trpl., \$1.00.....	2.00
Viola var. , strong, 3-in., \$6; 2 1/2-in., \$3.20	

Millions of Vegetable Plants. Hardy Perennial Plants. Price list free. Cash with order.

LUDVIC MOSBAEK, Onarga; Ill.
 Please mention the American Florist when writing.

Chicago Carnation Co.
 JOLIET, ILL.
 Our plants are now in the field.
 Write us for Fall delivery.

The Ledges Co., Inc.

BELLEVUE, King Co., Washington.
VIOLETS, 2 1/2-inch Pots.
 Princess of Wales, California.
 \$25.00 per 1000.

The Beautiful Pink Carnation CANDACE

\$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Dissemination 1906. Early commercial.

INDIANAPOLIS FLOWER & PLANT CO., Indianapolis, JOHN HARTJE..... Ind.
 Please mention the American Florist when writing.

Pansies The Jennings Strain.

Fine cold-frame plants in bud and bloom. Finest mixed colors. Ready April 1st. Price, \$1.50 per 100. Cash with order.

E. B. JENNINGS, Lock Box 254, SOUTHPORT, CONN.
 GROWER OF THE FINEST PANSIES.

Oceanic, N. J.

The Monmouth County Horticultural Society held its regular meeting here June 2. Final arrangements were made for the rose exhibition at the next meeting, June 16. After the business was finished, a discussion was brought up on bonora, and the general opinion was that bonora is wonderfully quick acting, more particularly so on soft growing plants and ferns. H. A. Kettel stated that he had used it on young grass with gratifying results, and William Turner used it on a small scale on half staved ferns. The improvement was plainly shown after the first application. N. Butterbach used bonora on anthuriums and cauliflower under glass with excellent results, also on different ferns and small palms, and after one application they were much improved. In order to make the meeting more interesting, Mr. Turner suggested that at each meeting some exhibits be shown, such as herbaceous flowers, shrubs, fruits, etc., and to have some discussions on their nature and merits. A fine pair of cucumbers was shown by G. H. Hale, which scored 85 points. The judges were William Turner and H. Griffiths. B.

BERLIN, O.—May 24 the work of removing the useless trees from the college campus was commenced. One thousand dollars has been appropriated for this purpose.

COLUMBUS, IND.—Rose growers of this city are complaining much of flower thieves this year. Not only are the flowers broken from the stems, but in many cases the entire bushes are pulled out by the roots.

ROSES Perle, 3-inch pots..... \$4.00
 Brides, Maids, 2½ and 3-inch 3.00
 Golden Gates, 4 inch..... 4.00
 Ivory, 2-inch \$3.00; 4-inch... 5.00
 Also *Draecena indivisa*, 5-inch, 20c each; 3-inch, \$2.00 per 100. *Asparagus Plumosus*, 3-inch, \$4.00 per 100. *Sprengeri*, 2-inch, \$2.00 per 100.

WM. B. SANDS, Lake Roland, Balto., Md.

Pierson Ferns

Bench grown, ready for 4, 5, and 6-in. pots, \$12.50, \$15.00 and \$20.00 per 100; strong, healthy stock. Cash.

Baur Floral Co., Erie, Pa.

Seasonable Stock.

IN EASTER LILIES, HYDRANGEAS, GENISTAS, SPIRAEA GLADSTONE, RHODODENDRONS.

Palms, Ferns and Decorative Stock.

R. DREYER, WOODSIDE, L. I., N. Y.

S. S. SKIDELSKY,
 824 No. 24th Street,
 PHILADELPHIA.

Correspondence Solicited.

JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
ROSES, PALMS,
 and Novelties in Decorative Plants.
 Market and 49th Sts., Philadelphia, Pa.

RED SPORT.

The great Christmas "Hollyberry" red Carnation. Most profitable red ever introduced, and an easy dner; everybody can successfully grow it. Strong plants from 2¼-in. pots, ready to plant in field or on bench inside. \$6.00 per 100; \$50.00 per 1000.

A. B. DAVIS & SON, Carnation Specialists,
 PURCELLVILLE, VA.

Headquarters for **COLEUS**

Per 1000
 Rooted cuttings of Golden Bedder and Verschaffeltii..... \$ 6.00
 Rooted cuttings, mixed..... 5.00
 2¼-inch pots..... 15.00
 The above ready for shipment. Cash with the order.

J. E. FELTHOUSEN, Schenectady, N. Y.

New Rose Wellesley

Own root plants. \$25.00 per 100.

Waban Rose Conservatories
 JOHN N. MAY, Summit, N. J. Natick, Mass.

ROOTED CARNATION CUTTINGS

Per 100 1000
 WHITE LAWSON..... \$8.00 \$50.00
 FLAMINGO..... 6.00 50.00
 ENCHANTRESS..... 3.00 25.00
 THE QUEEN..... 2.50 20.00
 CARDINAL, from 2-inch pots..... 12.00
 Lerchmont Nurseries,
 Larchmont, N. Y.

FORCING LILACS. Best Carman *Pot-Crown* in white and blue sorts; also the field-grown *Paris de Marly*, imported to order, for fall delivery. Let us appraise your wants.

AUGUST ROLKER & SONS, 31 Barclay St., NEW YORK, P. O. Box 752

60,000 GRAFTED ROSES For Forcing
 EXTRA FINE HEALTHY PLANTS, FREE FROM MILDEW.
 LIBERTY, rose pots, \$15.00 per 100; 3½-inch pots, per 100..... \$ 18.00
 BRIDES, BRIDESMAIDS, GOLDEN GATES, KAISERINS, rose pots, \$10.00 per 100, \$95.00 per 1000; 3½-inch pots, \$15.00 per 100, per 1000..... 145.00

COLEUS.
 VERSCHAFFELTII' GOLDEN BEDDER, FIREBRAND, 2½-inch pots, \$2.00 per 100; per 1000..... \$18.00.
 SEND FOR PRICE LIST.

J. L. DILLON, Bloomsburg, Pa.

JOSEPH HEACOCK,
 WYNCOTE, PA.
 —GROWER OF—

Kentia Belmoreana
 and **Kentia Forsteriana**
 Please mention the American Florist when writing.

First-Class **ROSES** For Sale.

Brides, Chatenay, Golden Gate.
 Bridesmaid, Hoste, Ivory.
 Perle, Sunset, 3½-in. pots.
 Meteor, Sunrise, \$6.00 per 100.

P. R. QUINLAN & CO., Syracuse, N. Y.

CYCLAMEN

Splendens Gigantum Hybrids.

Finest strain in the world, in five true colors, extra well grown plants, from 2¼-inch pots, \$5.00 per 100, \$45.00 per 1000. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.

Special Clearing Sale.

CARNATIONS and SALVIA.

We can supply the following Carnations, well established plants from 2¼-inch pots. If planted where they can be reached with the hose occasionally will make fine stock by planting time. Nelson Fisher, \$4.00 per 100; Enchantress, \$3.00 per 100; Boston Market, Mrs. Lawson, \$2.50 per 100; \$22.00 per 1000.

SALVIA—Fine plants from 2¼-in. pots, *Bunfire* or *D. Beauty*, \$1.00 per 100; \$9.00 per 1000, while they last.

CERANIUMS—Choice plants from the bench, 12 to 18 inches high, average 10 shoots, *J. Viaud*, pink; *Bruanti*, scarlet; *B. Poitevine*, Mrs. E. G. Hill, salmon; *Mme. Buchner*, white, \$6.00 per 100.

The W. T. BUCKLEY CO.
 SPRINGFIELD, ILL.

Always mention the.....

American Florist

when you write to an advertiser.

C. R. HILLS, Grand Rapids, Mich.

AMERICAN BEAUTIES, extra fine, 3-in. \$6.00 per 100
 LA DETROIT, extra fine, 3-in 8.00 per 100
 CHATENAY, PERLE and SUNRISE, 3-in 5.00 per 100
 Cobaea Scandens, 2¼-in 2.00 per 100
 " " extra fine, 3-in 4.00 per 100
 German Ivy, 2¼-in 2.00 per 100
 Sbasta Daisy, 2¼-in 2.50 per 100
 Christmas Peppers, 2¼-in 2.00 per 100
PRIMULAS for July delivery.

Smilax...

Nice bushy plants, 2¼-inch, \$1.50 per 100; \$12.50 per 1000.

NICOTIANA SANDERAE, 2¼-in., \$1.00 per doz.

ROSES 2 1-2-in. Pot Plants.

Richmond.....	Per 100 \$30.00	Per 1000 \$250.00	Liberty.....	Per 100 \$ 5.00	Per 1000 \$45.00	Bridesmaid.....	Per 100 \$ 3.00	Per 1000 \$25.00
Rosalind Orr English.....	25.00	200.00	American Beauty.....	5.00	40.00	Bride.....	3.00	25.00
Perle von Godesberg.....	5.00	40.00	La Detroit.....	6.00	50.00	Ivory, Perle.....	3.00	25.00

AM. BEAUTY BENCH PLANTS, per 100.....\$5.00; per 1000.....\$40.00

CHATENAY, UNCLE JOHN and KAISERIN reduced to \$3.00 per hundred; \$25.00 per thousand.

All plants and rooted cuttings sold under the express condition that if not satisfactory they are to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave., CHICAGO.

SCOTTII

The Most Graceful Nephrolepis Known

Retailers who have handled this fern are unanimous in proclaiming it the best Fern ever introduced.

Consult any grower who has bought Scottii and he will tell you that it is as far ahead of the Boston as that variety is ahead of all other introductions.

See my adv. on second cover page in American Florist of Feb. 25th.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

BRANCH:

E. 45th St. and Rutland Road, Flatbush.

TELEPHONE, 1207 WILLIAMSBURG.

Please mention the American Florist when writing

Orchids

INDIAN ORCHIDS. Just arrived in fine condition an extra fine lot of the following varieties: Dendrobium Wardianum, Dendrobium crassinode, D. thyrsiflorum, D. Devonianum, Cypripedium Boxalli, Cymbidium Lowianum. Also Cattleya Warneri, Laelia crispa and Oncidium varicosum Rogersii.

FRED. VARDEN,
26 Summerfield St., Fall River, Mass.

Orchids!



Arrived in superb condition direct from the woods the following **ORCHIDS:** Cattleya labiata, C. Warneri, C. Dowiana, Laelia flava, Miltonia candida, Dendrobium chrysotoxum and Burlingtonia fragrans. Write for special list, also catalogue of established orchids.

Lager & Hurrell, SUMMIT, N. J.
Orchid Growers and Importers.

Please mention the American Florist when writing.

ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the World.

SANDER, St. Albans, England.

Agent. A. DIMMOCK, 31 Barclay St., NEW YORK CITY
Please mention the American Florist when writing.

HINODE FLORIST CO.

... JAPANESE NOVELTIES ...

TINY PLANTS, in 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100.

RHAPIS, 5 to 15 shoots, 50 cents each.

CASH WITH ORDER.

LARGEST GROWERS OF EASTER LILIES.

WOODSIDE, N. Y. and WHITESTONE, L. I., N. Y.

Please mention the American Florist when writing.

Poehlmann Bros. Company,

Commercial Growers, Morton Grove, Ill.

Roses.

	Per 100	Per 1000	Per 1000
American Beauty.....	\$5.00	\$45.00	\$7.00
Chatenay.....	4.00	30.00	5.00
Uncle John.....	4.50	40.00	6.00
Bridesmaid.....	4.00	35.00	5.50
Golden Gate.....	3.50	30.00	5.00

Cut Back Bench Plants. Per 100

American Beauty.....	per 1000, \$45.00
Meteor, Bride, Maid, Golden Gate, Chatenay.....	\$2.50

Chrysanthemums.

	R. C.	2 1/4-in.	Per 100	Per 1000
WHITE				
Willowbrook.....	\$1.50	\$2.50		
Estelle.....	1.50	2.50		
Kalb.....	1.50	2.50		
Robinson.....	1.50	2.50		
Ivory.....	1.50	2.50		
Jerome Jones.....	1.50	2.50		
Wanamaker.....	1.50	2.50		
Timothy Eaton.....	2.00	3.00		
W. Bonnaffon.....	2.00	3.00		
Chadwick.....	2.50	3.50		
Crawford.....	2.00	3.00		
Merry Christmas.....	1.50	2.50		

YELLOW

Monrovia.....	2.00	3.00
Parr.....	1.50	2.50
Sunshine.....	1.50	2.50
Whildday.....	1.50	2.50
Halliday.....	1.50	2.50
Appleton.....	2.00	3.00
Bonnaffon.....	1.50	2.50
Reiman.....	2.50	3.50
Yellow Eaton.....	2.50	3.50
Chautauqua Gold.....	2.00	3.00
Nagoya.....	2.00	3.00

PINK

Lady Harriet.....	2.00	3.00
Pacific.....	1.50	2.50
V. Morel.....	2.00	3.00
Perrin.....	1.50	2.50
Xena.....	2.00	3.00

Chrysanthemums.

(Continued.)

	R. C.	2 1/4-in.	Per 100	Per 1000
PINK				
Maud Dean.....	\$1.50	\$2.50		
Quito.....	1.50	2.50		
Pink Ivory.....	1.50	2.50		
Shaw.....	1.50	2.50		
Lady Hanham.....	2.00	3.00		

RED				
Intensity.....	2.00	3.00		
Shrimpton.....	2.00	3.00		

NEW VARIETIES

	R. C.	2 1/4-in.	Per 100	Per 1000
White				
Emily Mileham.....	\$4.00	\$5.00	\$40.00	
Mme. Paul Schut.....	4.00	5.00	40.00	
N. Pockett (cream).....	.50	.75	4.00	
Majestic... R. C., per 100, \$10.00			15.00	
Adelia... R. C., per 100, 10 00			15.00	

Yellow				
Mrs. Wm. Duckham.....	6.00	7.50	60.00	
(Cup Winner)				
Merstham Yellow.....	4.00	5.00	40.00	
Kimberly.....	.60	.75		
Prima.....	.60	.75		
Plumridge... R. C., per 100, \$2.00			3.00	
T. W. Pockett. R. C., per 100, \$1.50			2.50	

	R. C.	2 1/4-in.	Per 100	Per 1000
Pink				
American Beauty.....	\$2.50	\$4.00		
Cobbold.....	2.50	4.00		
McNiece.....	2.50	4.00		
Ben Wells (light pink).....	3.50	4.00		
Lella Filkins.....	2.50	4.00		
Etherington.....	2.50	4.00		
Dr. Enguehard.....	2.50	4.00		
Marie Liger.....	2.50	4.00		
Coombes.....	2.50	4.00		
Wm. Duckham.....	2.00	3.00		

Red				
Spout of Duckham.....	1.50	2.50		
Lord Hopetoun.....	.75	1.00		

Stevia.

Rooted cuttings, per 100.....	\$ 1.50
Rooted cuttings, per 1000.....	12.50
2 1/4-in., per 100.....	2.50
2 1/4-in., per 1000.....	22.50

Orders for less than \$2.00 not accepted.

Headquarters for Finest Cut Roses, Carnations and Other Cut Flowers.

Poehlmann Bros. Co., Morton Grove, Ill.

Please mention the American Florist when writing.

Smilax. Sprengeri.

Well grown, carefully packed plants, in any quantity, \$1.50 per 100; \$12.50 per 1000. Well grown, carefully packed plants, in any quantity, \$2.00 per 100; \$15.00 per 1000. —150,000 to select your order from.—

PLUMOSUS, DEFLEXUS, DECUMBENS, GERANIUMS, PANSIES.

Send for Summer Price List.

ALBERT M. HERR, Lancaster, Pa.

Please mention the American Florist when writing.

Cincinnati.

THE MARKET.

Decoration day proved a record breaker in this city, there being more flowers sold than heretofore. Outdoor flowers, such as roses, peonies, spiraeas, irises, etc., were in full bloom and immense quantities were sold. The bad feature was the carnation market. Until May 27 we had nice cool weather, but on this day the weather got warm, causing the blooms to become soft, and numerous kicks were received on carnations going to sleep. Roses are in good demand, but poor in quality. Since Decoration day trade has held up first class, with not enough roses or white carnations for orders. Peonies are fine and sell well. There is also a good market for lily of the valley, longiflorum lilies and green goods.

NOTES OF THE TRADE.

Miss Florence Watson has resigned her position as manager of the Rosebank Company's store. William McFadden, who has charge of the greenhouses of the company, has placed Mr. Williams in charge of the store temporarily.

Charles Critchell, who makes a specialty of green goods, has several good sized orders booked for June weddings and is perfectly satisfied with his first year's experience in the commission business.

Miss Alice Roosevelt, daughter of the President, is in the city as the guest of Congressman Longworth. Several receptions are to be given in her honor, which no doubt will create a good demand for flowers.

A. Sunderbruch's Sons had the decorations for the dinner given by Mayor Fleischmann June 2 at the Country Club. The decoration was an elaborate affair in pink sweet peas.

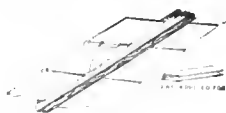
The warm weather does not seem to have any effect on George Corbett's Lawson and Enchantress, the blooms of which are still of good color and size and bring top market prices.

Peter Weiland is sending in some fine peonies and Will Murphy is in line with Spanish irises, all colors of which find a ready sale.

Tom Hardesty, who has been on the sick list for some time, is able to be about again.

A. O.

PEERLESS GLASS REPAIR CLAMP



To mend cracked glass immediately and permanently.
Box of 150, \$1.00.
Forsale by jobbers or address

ALEXANDER KLOKNER, Wauwat'sa Wis.

MODEL EXTENSION

Carnation Supports

Galvanized Wire Rose Stakes, Tying Wires, Single & Double Pot Hangers.

WRITE US.

Igoe Bros., 226 North 9th St. BROOKLYN, N. Y.

Please mention the American Florist when writing.

THOSE RED POTS

"STANDARDS"

FULL SIZE AND WIDE BOTTOMS. BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,

HARRY BALSLEY, Rep.

DETROIT, MICH., 490 Howard St.,

Standard Flower Pots

The WHILLDIN POTTERY COMPANY,
PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

THE KELLER POTTERY COMPANY,

Manufacturers of FLORISTS' RED STANDARD POTS.

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.



Please mention the American Florist when writing.

CUT FLOWER BOXES WATERPROOF Corner Lock Style.

The best, strongest and neatest folding out flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

Size No. 0.	3x 4x20	\$2.00	\$19.00
" 1.	3x 4 1/2 x 16	1.90	17.50
" 2.	3x 6x18	2.00	19.00
" 3.	4x 8x18	2.50	23.00
" 4.	3x 5x24	2.75	26.00
" 5.	4x 8x22	3.00	28.50
" 6.	4x 8x28	3.75	36.00
" 7.	6x16x20	5.50	54.00
" 8.	3x 7x21	3.00	28.50
" 9.	5x10x35	6.50	62.00
" 10.	7x20x20	9.50	87.50
" 11.	3 1/4 x 5 x 30	3.10	28.50

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
Box 104. COLUMBUS, OHIO.
Please mention the American Florist when writing.

WRITE

A. F. Kohr

1521-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for strength and porosity combined are the best on the market

Please mention the American Florist when writing.

Standard POTS Flower...

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....

W. H. ERNEST,

38th and M Streets, WASHINGTON, D. C.

RED POTS

SAMPLE POT AND PRICE LIST ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.....



Please mention the American Florist when writing.

Kramer's Pot Hanger



Patent Applied For.

The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them

FOR SALE BY WHOLESALE SEEDSMEN, FLORISTS AND SUPPLY DEALERS.

Price with wire chain as shown in cut, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.

STANDARD FLOWER POTS

Packed in small crates, easy to handle

	Price per crate	Price per crate
1500 3-in. in crate	\$4.88	120 7-in., in crate
1500 2 1/2	5.25	80 8
1500 2 1/4	5.00	48 8-in., in crate
1500 2	5.00	48 10
300 2 1/4	5.80	24 12
300 2	4.60	24 12
225 2	4.51	12 14
150 2	3.16	6 18

Crad pans, same price as pots. Send for price list of Cyinders for Cut Flowers, Hanging Baskets, Lawn Vases etc Ten per cent off for cash with order. Address

HILFINGER BROS. POTTERY, Fort Edward N. Y. Or AUGUST WOLBER & SONS, New York Agents, 27 Nassau Street, New York City.

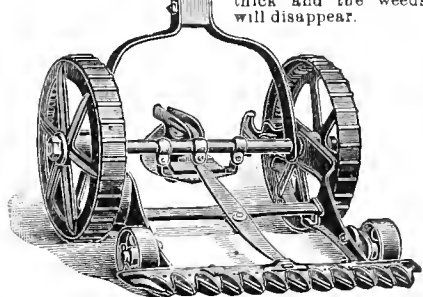
Please mention the American Florist when writing.



GEO. KELLER & SON, MANUFACTURERS OF FLOWER POTS.

Before buying write for prices. 361-363 Herndon Street, near Wrightwood Ave., CHICAGO, ILL.

Clipper Lawn Mower Co. DIXON, ILL.



The Mower that will Kill all the Weeds in Your Lawn. If you keep the weeds cut so they do not go to seed and cut your grass without breaking the small feeders of roots, the grass will become thick and the weeds will disappear.

The Clipper will do it. Ask your dealer for them. If they have not got them, below is the price: No. 1—12-in Mower, \$5; No. 2—15-in. Mower, \$4; No 3—18 in Mower, \$7. No. 4—21-in. Mower, \$8. Send draft, money-order or reg. letter. Please mention the American Florist when writing.

The Standard VENTILATING MACHINERY



The original machine with self-oiling cups. The most powerful least complicated very compact with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only Drip Proof gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its working. Catalogue free.

E. HIPPARD, Youngstown, Ohio.

Please mention the American Florist when writing.

King Construction Co.

NORTH TONAWANDA, N. Y. and TORONTO, ONT.

New Greenhouse Catalogue ready for distribution. Send for it.

Please mention the American Florist when writing.

A. HERMANN,

Cape Flowers, all colors, Cycas Leaves, Metal Designs, and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.

Please mention the American Florist when writing.

L. BAUMANN & CO.,

Importers and Manufacturers of Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue. Our prices may interest you.

Please mention the American Florist when writing.



WM. S. HARMAN,

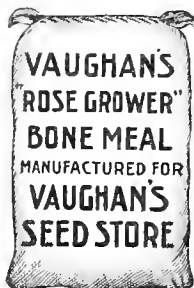
Chicago, Indianapolis. Producer, Jobber and Prompt Shipper of Bituminous Coal. Attractive prices on Alum Creek, Pocahontas Smokeless, W. Va. Splint, Brazil Block, Indiana Hoeking Lump and other grades.

Please mention the American Florist when writing.

VAUGHAN'S LIST OF Seasonable Supplies.

FERTILIZERS.

Vaughan's "Rose Grower" Bone Meal.



This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. It is made from bone accumulated in large slaughter houses, and should not be compared with Bone Meal made from cattle heads and feet gathered on the western prairies. Analysis—Ammonia, 4 1/2 to 5 1/2 per cent; total phosphoric acid, 22 to 25 per cent; total bone phosphate, 48 to 54 per cent.

Price.—F. O. B. Chicago: 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 60c; 50 lbs., \$1.00; 100 lbs., \$2.00; 1,000 lbs., \$20.00. F. O. B. New York: 25 lbs., 75c; 50 lbs., \$1.35; 100 lbs., \$2.50; 2,000 lbs., \$4.50; 500 lbs., \$9.75; 1,000 lbs., \$18.50; 2,000 lbs., \$36.00.

Horn Shavings. This is a very choice article, the refuse of the best hard white bone from a knife handle factory. It is lasting and especially recommended for use in pa m soil and on other plants which are not shifted very often, and where a continuous and lasting supply of plant food is required. Price: 5 lbs., 25c; 10 lbs., 45c; 25 lbs., 90c; 100 lbs., \$3.00.

Lobos Peruvia Guano. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$3.00. Write for prices on larger lots.

Nitrate of Soda. 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$3.5; 200 lbs., \$6.50.

SHEEP MANURE. Price—F. O. B. Chicago: 25 lbs., 85c; 50 lbs., 60c; 100 lbs., \$1.00; 500 lbs., \$4.00; 1,000 lbs., \$7.50; 2,000 lbs., \$14.00. F. O. B. New York: 25 lbs., 45c; 50 lbs., 75c; 100 lbs., \$1.50; 100 lbs., \$6.00; 1,000 lbs., \$11.00; 2,000 lbs., \$21.00.

Glazing Tools and Materials.

MASTICA, for Glazing Greenhouses. The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. One gallon will cover about 250 running feet (one side). Price: Per gal., \$1.25; 6 gals., \$7.00; 10 gals., \$11.25; 22 gals., \$23.40.

Twenlow's Old English Glazing Putty. Semi-liquid. To be used in the same manner as Mastica. Per gal. \$1.25; 5 gals., \$5.50.

Scollay's Putty Bulb. A useful tool, similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty to glazing greenhouses. Each, 75c; 3 for \$2.15; doz., \$8.50. If by mail add 10c each for postage.

No Rights or Lefts.

No. 2, Large, single thick glass.
No. 2 1/2, Double thick, for greenhouses and skylights.

Price: Per box of 1,000, 55c; by mail, 70c; in lots of 5,000 by express, 40c per 1,000. Pincers or pliers for same, 50c; postpaid, 65c.

VAUGHAN'S PERFECTION POINT

Rubber Hose, etc.

ELECTRIC NON-KIRKABLE.

The best greenhouse hose on the market—Non-Kirkable. Being made of pure rubber, does not crack or scale. This hose has come into general use on account of its superior quality.

If you have a house where regular lengths hose are not available, order exact number of feet you require. Price 1/2 or 3/4 inch:

1 1/2 to 2 1/2 feet.....	15c	per ft.
2 1/2 to 4 1/2 feet.....	17c	per ft.
4 1/2 to 6 1/2 feet.....	16c	per ft.
6 1/2 to 9 1/2 feet.....	15 1/2c	per ft.

Standard Couplings free with 25 feet or over; sample mailed free if desired.

VAUGHAN'S SEED STORE

84-86 Randolph St., CHICAGO
14 Barclay St., NEW YORK.

THE COOPER HOSE MENDER.



It is simple, practical and effective. Does not reduce the diameter of the hose. Will not rust or wear out. You need no wires, pliers or mechanical skill to adjust them. Price: For 1/2 or 3/4-inch hose, each, 8c; 4 for 25c.; doz., 75c.; by mail, 90c. 1-inch hose, each 11c; dozen, \$1.00.

SPHAGNUM FOR FLORISTS.

Strictly best grade, clean band picked Moss. Special prices on larger lots.
BURLAP BALES, each \$1.00; 6 for \$5.00; 12 for \$9.00. F. O. B. New York: Bale, \$1.50; 6 bales, \$6.50.

WIRE HANGING BASKETS.

Plato Top.	
5-inch.....	7c
8-inch.....	10c
10-inch.....	13c
12-inch.....	16c

Hanging Baskets, Fancy Top.	
6-inch.....	8c
8-inch.....	12c
10-inch.....	15c
12-inch.....	19c

14-inch.....	20c
16-inch.....	25c
18-inch.....	35c
20-inch.....	45c

PLANT STAKES.

GALVANIZED STEEL WIRE.

Prices subject to change without notice. Write for latest quotations on quantities. Far superior to wooden stakes and practically indestructible.

No. 9 Wire.	Per 100.	Per 1000.
1 1/2 feet.....	\$0.45	\$3.50
2 "	.55	4.00
3 "	.65	5.00
4 "	.85	6.00

No. 8 Wire.	Per 100.	Per 1000.
3 1/2 feet.....	1.00	8.00
4 "	1.15	9.00
5 "	1.30	11.50

CANE STAKES.

Standard Grade.—These run from 6 to 8 feet in length and weigh about 170 to 180 pounds per 100. Price: (If shipped from Chicago) per 100, 75c; 300 for \$1.60; per 1,000 \$1.50; 3,000, \$11.50. Price: (If shipped from New York), per 100, \$1.00; 300 for \$2.25; per 1,000, \$6.00. Special prices on larger lots on application.

Extra Heavy Grade.—For special work, Dahlias, etc. These run from 9 to 12 feet in length and weigh about 300 pounds, per 1000. Price (In Chicago only), per 100, \$1.25; 250 for \$2.00; 1,000 for \$7.00.

Pipe Stems.—For light work; measure about 6 feet. Price: (From Chicago only), per 100, 50c; 250 for 60c; 1,000 for \$3.25.

INSECTICIDES.

PARIS GREEN.—A poisonous insecticide in powder form for insects which chew. When applied as a powder, use one part Paris Green to 100 parts plaster or flour. As a liquid one pound of Paris Green to 150 to 300 gallons of water; if used on fruit trees, add one pound quick-lime. 1/2 lb., 15c; per lb., 25c; 5 lbs., \$1.10; 14 lbs., \$2.65; 100 lbs., \$18.00.

SILG SHOT, Hammond's.—Guaranteed to destroy potato bugs, and those on tomato and egg plant's currant worms, cabbage tree and worms. Price: 5 lb. package, 30c; 25 to 50 lbs. at 4c; per lb. By barrel—in bulk 235 lbs., \$9.00 on cars, 3 barrels in bulk, per 100 lbs., at \$3.60.

Sulphur Tobacco Soap.—One of the best for green fly on roses. Per 1/2 lb. box, 20c; by mail, 25c. Dozen, \$2.00. 2 ounce package, dozen, 85c. A splendid article for retailing, sells at 10c per package.

Tobacco Dust.—One of the best remedies for green and black aphid, fleas, beet etc., when used as a top-dressing for lawns, it acts both as an insecticide and fertilizer. 5 lbs. 25c, 10 lbs., 40c; 100 lbs. \$1.25.

WHALE OIL SOAP.—This is a Caustic Potash Soap made from pure fish oil and is free from animal fats or other adulterations. Makes an excellent wash for trees and plants where insects and eggs effect the bark, including the San Jose scale; also used for smearing on trees to prevent worms crawling up. Per lb., 15c.; 2 lbs., 25c.; 5 lbs., 50c.

Buffalo.

GOOD HOLIDAY BUSINESS.

Trade for Decoration day was up to the average in the down town stores, while the greenhouses had an increase over last year. Other work has been very good and stock about equal to all demand. American Beauty roses are selling well; carnations are not in extra large supply; peonies of good quality are coming in now. Several weddings are scheduled for this week and before the month is over there will be a good trade for all in that line.

Business at the greenhouses for bedding and vase work is very gratifying and from reports it will exceed last year. Trade on the Chippewa market Decoration day was good and nearly every one sold out. The day was fine, giving everyone a chance to visit the different cemeteries. Next Saturday is Decoration day for the Odd Fellows, when another large amount of stock will be used.

NOTES.

We are very sorry to report the illness of President L. H. Neubeck of the Florists' Club, who is confined to his home with a bad attack of rheumatism as this is the busiest time of the year for Louie in the greenhouses one can see how bad it is for him.

Arthur Beyer, the able manager of Palmer's upper store, is also confined to his home with rheumatism and from reports last week it was thought he could not recover. He is now slightly better.

There was a very large funeral in Lockport last week, when C. L. Dole of that town had some very large orders and several large ones were furnished by Palmer and Anderson for the same funeral.

W. F. Kasting will ride a horse in the Odd Fellows' parade. It will be a live horse, but gentle.

A. J. Scott, formerly with the Lake View Rose Gardens, is now with L. H. Neubeck.

C. A. Harris, of S. A. Anderson's, was in Rochester last week.

Wm. Scott, Sr., will be in Corfu for about three weeks.

All the members of our bowling team are out of town.

S. A. Anderson is receiving some fine Cattleyas daily.

Recent visitors included S. S. Skidel-sky, Philadelphia, Pa., and the representative of McHutchison & Co., New York. Bison.

NEW LONDON, CONN.—Pratt & Giger, florists, suffered damage through fire in their building May 24.

HOLBROOK, MASS.—Alec Belcher has sold his cottage land and large greenhouse on North Franklin street to Charles L. Pierce, of Gardner, who will immediately occupy the premises.

REED & KELLER,
122 West 25th St., NEW YORK.
Importers and Manufacturers of
FLORISTS' SUPPLIES
Galax Leaves and all Decorative Greens.
New York Agents for Caldwell's Monroe, Ala.,
"Dorlor Brand" Smilax.

BEST AND Cheapest ALL-BOWNS INSECTICIDE on the Market.	ROSE LEAF EXTRACT OF TOBACCO	For Sale by Seedsmen. For Free Pamphlet Write to The Kentucky Tobacco Product Co., Lesterfield, Ky.
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**Wired
Toothpicks**

10,000, \$1.50; 50,000, \$6.25. Manufactured by
W. J. COWEE, BERLIN, N. Y.
Sample Free. For sale by dealers.)

THE Regan Printing House

—Large runs of—
CATALOGUES

Our Specialty. Write for Figures.

83-91 Plymouth Place. CHICAGO.

The Florists' Hail Ass'n.

Now insures upwards of 21,000,000 square feet
of Glass. For particulars address

John G. Esler, Sec'y.
SADDLE RIVER, N. J.



**PURE
SHEEP MANURE**

Dried, Unpulverized and
Pulverized.

—WRITE FOR PRICES.—

MONTANA FERTILIZER CO., Elgin, Ill.

Please mention the American Florist when writing.



"Eureka"

Weed Killer.

Saves Weeding. Keeps
Paths, etc., clear without
disturbing or staining
the gravel.

Soluble Powder, readily mixed and applied.
Large Size Tin, enough for 100 square yards, 75 cts.
each. Special prices to Cemeteries and buyers in
large quantities. Full directions with each tin.

Vaughan's Seed Store.

CHICAGO: 84-86 Randolph St. NEW YORK:
14 Barclay St

Please mention the American Florist when writing.

Le Moniteur d'Horticulture

For Horticulturists and Orchard Growers.

EDITED AT PARIS BY

Lucien Chauré and Otto Ballif.

The representative Gardening Paper of French
Florists, Seedsmen and Nurserymen. Sample
copies free. The largest circulation in France,
Belgium, Italy and Switzerland. Twice every
month. Subscription per year: With the colored
plates, \$2.30; without the colored plates, \$1.20.

14 Rue de Sevres 14, PARIS France.

Please mention the American Florist when writing.

M. RICE & CO.,

Importers and Manufacturers,

**Leading Florists'
Supply House and
Ribbon Specialists.**

**918 Filbert Street,
Philadelphia, Pa.**

ROSSIG BROTHERS,

—MANUFACTURERS OF—

Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX,
YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway. NEW YORK.

Tobacco Dust

FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET, NEW YORK.

HAMMOND'S SLUG SHOT FOR POTATO BUGS AND CURRANTS.

TO THE EDITOR OF AMERICAN GARDENING:

In your issue of June 18, on page 399, I notice a good article on the Colorado Beetle or Potato Bug. For the benefit of your numerous readers I would advise them to try Hammond's Slug Shot. I have used it here this season, with excellent results, on Potatoes, Egg Plants, Cucumbers and Squash,—for Potato Bugs, and also for Striped Beetles, and it is the best remedy I know of, simple and effective. I purchased two of the Dusters which he advertised in your paper, and they are very useful articles. The best time to dust the plants is early morning, as the substance adheres much better when the dew is on. A light dusting is sufficient, and woe betide the bugs or the larvæ. Once they get a taste of it they shrivel up right away.

GEORGE STANDEN, Gardener to Col. D.S. Lamont, Millbrook, N.Y., 1904.



Sold by Seed Dealers and Merchants all over America.

Send for Pamphlet on Bugs and Blights to BENJ. HAMMOND, Fishkill-on-Hudson, N. Y.

SALE OF Boiler Tubes.

16 CAR LOADS of fine 4-inch tubes, suitable for use of Greenhouse men and Florists. They are rattled and are heavy tubes. Just what you need. We can make quick delivery. We will quote you prices if you will advise us how many you can use. We advise purchasing in carload lots, as we can make extremely low prices in quantities.

In Addition to the Above, We have For Sale Everything in the Way of SUPPLIES Such as You Are Using.

WROUGHT IRON PIPE, sizes from $\frac{3}{8}$ -in. to 14-inch.

BOILER TUBES, sizes from $\frac{1}{4}$ -in. to 8-in.

50 HORIZONTAL TUBULAR BOILERS, from 10 to 200 horse-power.

1,000,000 square feet of SASH from the St. Louis World's Fair.

LUMBER, GARDEN HOSE, Etc.

ASK FOR OUR CATALOGUE NO. 47.

CHICAGO HOUSE WRECKING CO.

West 35th and Iron Sts., CHICAGO.

Please mention the American Florist when writing.

PUMPS Rider-Ericsson. Second-hand, from \$40.00 up; all repairs; other makes; new: cheap.

BOILERS New and second-hand. One second-hand steam; first-class condition; will heat 1,000 sq. ft. glass; at \$35.00. One second-hand No. 17 Hitchings boiler, first-class condition, \$75.00.

PIPE New 2-in. standard full lengths, with couplings, 8 $\frac{3}{4}$ ¢ per ft. Good, serviceable second-hand, with threads, 2-in., 7¢; 1 $\frac{1}{4}$ -in., 5 $\frac{1}{2}$ ¢; 1 $\frac{1}{2}$ -in., 3 $\frac{3}{4}$ ¢; 1-in., 3¢. Old and new fittings and valves.

STOCKS and DIES New Economy, best made, No. 1 threads, $\frac{1}{2}$ -in., $\frac{3}{4}$ -in., 1-in. pipe, \$3.00. No. 2 threads, 1 $\frac{1}{4}$ -in., 1 $\frac{1}{2}$ -in., 2-in. pipe \$4.00.

PIPE CUTTERS New Saunders Pattern. No. 1 cuts $\frac{1}{2}$ -in.-2-in. pipe, \$1.00. No. 2 cuts 1-in.-2-in. pipe, \$1.30.

STILLSON WRENCHES New, 18-in., grips $\frac{1}{2}$ -in.-2-in. pipe, \$1.65; 24-in., grips $\frac{1}{2}$ -in.-2 $\frac{1}{2}$ -in. pipe, \$2.40; 36-in., grips $\frac{1}{2}$ -in.-3 $\frac{1}{2}$ -in. pipe, \$4.75.

PIPE VISES New, No. 1 hinged, grips $\frac{1}{2}$ -in.-2-in. pipe, \$2.25.

GARDEN HOSE New, $\frac{3}{4}$ -in., guaranteed 100-lb. pressure, 7 $\frac{1}{2}$ ¢ per ft.; $\frac{1}{2}$ -in., not guaranteed, 4 $\frac{1}{2}$ ¢ per ft.

HOTBED SASH New, Cypress, 3-ft. x6-ft., from 70¢ up; glazed, complete, from \$1.60 up. Second-hand, as good as new, complete, at \$1.25 and \$1.00 each.

GLASS New, American, 50 sq. ft. to the box. 10x12, at \$1.75. 10x12, 12x12, B double, at \$2.40. 12x14, 12x16, 12x20, 14x14, 14x16, 14x20, 16x16, 16x18 B double, at \$2.60. 16x20, 16x24 B double, at \$2.90. Second-hand 10x12, at \$1.40.

RADIATORS good as new, 15¢ per pipe.

Write for our prices on Gulf Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, etc.

METROPOLITAN MATERIAL CO.

1398-1408 Metropolitan Avenue, BROOKLYN, N. Y.

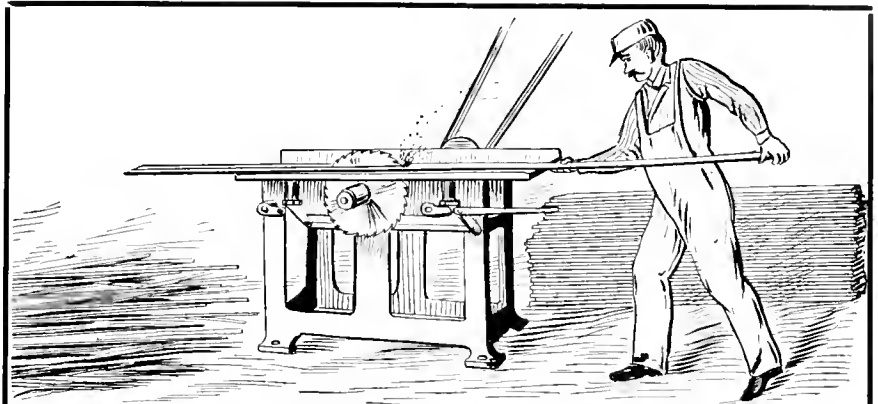
H. M. HOOKER CO.

Window Glass, Paints and Putty.
Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.

AMERICAN FLORIST ADS

Always do business Week days and every day Sundays and holidays All over the country At home and abroad



WE SAY NOTHING, BUT SAW WOOD.

Over ONE MILLION feet of Cypress Lumber sawed into Greenhouse Material last year.

THIS TALKS.

ENOUGH SAID.

JOHN C. MONINGER CO.

111-115 Blackhawk St., CHICAGO, ILL.

Sprague Smith Company,

JOBBERS AND MANUFACTURERS OF

WINDOW GLASS.

Greenhouse Glass A SPECIALTY.

205 Randolph Street, CHICAGO.

The James H. Rice Co.

IMPORTERS and JOBBERS

GREENHOUSE GLASS

A SPECIALTY.

Window Glass, Paint, Putty, etc.

80-82 Wabash Avenue and 34 to 40 South Water Street, CHICAGO.

D. O. Cunningham Glass Co.

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.

STENZEL GLASS CO., GREENHOUSE GLASS.

French and American "WHITE ROSE" Brand.

2 Hudson St. NEW YORK.

101 Portland St. BOSTON.

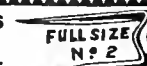
GLASS.

GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.

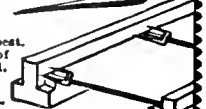
Warehouse on railroad switch. Be sure and get our prices.

Sharp, Partridge & Co.

22nd St. and Union Place, CHICAGO.

Holds Glass Firmly
See the Point 
PEERLESS

Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.
HENRY A. DREER,
716 Chestnut St., Phila., Pa.



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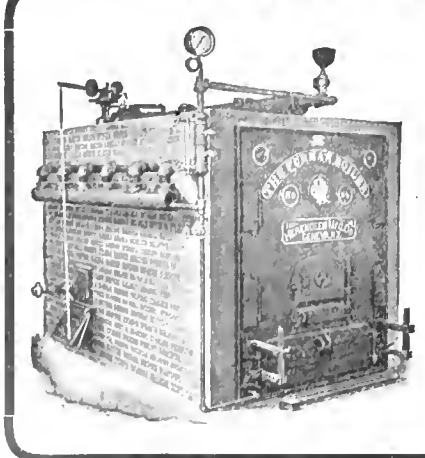


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Chrysanthemums—R. C., Willowbrook Estelle, Kahn, Robinson, Ivory, J. Jones, Wau-maker, Merry Christmas, \$1.50 per 100, 2 1/2-in., \$2.50 per 100; T. Eaton, Crawford, R. C., \$2 per 100; 2 1/2-in., \$3 per 100; W. Bonaffon, R. C., \$2 per 100, 2 1/2-in., \$3 per 100; Chadwick, R. C., \$2.50 per 100, 2 1/2-in., \$3.50 per 100; all white varieties, Monrovia, Appleton, C. Gold, Nagoya, R. C., \$2 per 100; 2 1/2-in., \$3 per 100; Parr, Sunshine, Willfind, Halliday, Bonaffon, R. C., \$1.50 per 100, 2 1/2-in., \$2.50 per 100; Reiman, Y. Eaton, R. C., \$2.50 per 100, 2 1/2-in., \$3.50 per 100; all yellow varieties, Lady Harriet, V. Morel, Xeno, Lady Hanham, R. C., \$2 per 100, 2 1/2-in., \$3 per 100; Pacific, M. Dean, Quito, P. Ivory, Shaw, Perrin, R. C., \$1.50 per 100, 2 1/2-in., \$2.50 per 100; all pink varieties, Intensity, Shrimpton, R. C., \$2 per 100, 2 1/2-in., \$3 per 100; all red varieties, New white varieties, E. Milleham, Mme. P. Sobut, R. C., per doz., \$4, 2 1/2-in., \$5 per doz., 2 1/2-in., \$40 per 100; Majestic, Adella, R. C., \$10 per 100, 2 1/2-in., \$15 per 100; N. Pockett, R. C., \$50 per doz., 2 1/2-in., 75c per doz., 2 1/2-in., \$4 per 100. Mrs. Wm. Duckham, R. C., \$6 per doz., 2 1/2-in., \$7.50 per doz., 2 1/2-in., \$60 per 100; M. Yellow, R. C., \$4 per doz., 2 1/2-in., \$5 per doz., 2 1/2-in., \$40 per 100; Kimberly, Prima, R. C., 60c per doz., 2 1/2-in., 75c per doz.; Plummeridge, R. C., \$2 per 100, 2 1/2-in., \$3 per 100; T. W. Pockett, R. C., \$1.50 per 100, 2 1/2-in., \$2.50 per 100; A. Beauty, Cobbold, McNeice, E. Wells, L. Filkins, Etherington, Dr. Enguehard, M. Liger, Coombes, R. C., \$2.50 per 100, 2 1/2-in., \$4 per 100; Wm. Duckham, R. C., \$2 per 100, 2 1/2-in., \$3 per 100; all pink varieties, Sport of Duckham, R. C., \$1.50 per doz., 2 1/2-in., \$2.50 per doz.; Lord Hopetoun, R. C., 75c per doz., 2 1/2-in., \$1 per doz. Pochmann Bros. Co., Morton Grove, Ill.

Cobaea Scandens.—Staked, 4-in. \$8 per 100, Cash. Holton & Hunkel Co., Milwaukee, Wis.

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Cyclamen—Giganteum, in separate colors, strong, healthy plants, 2 1/2-in., \$5 per 100; 3-in., \$8 per 100. Lehnig & Winnefeld, Blackensack, N. J.

Cyclamen—Splendens giganteum hybrids, five true color, 2 1/2-in. pots, \$5 per 100; \$45 per 1,000. Paul Mader, E. Stroudsburg, Pa.

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Dahlia—Kaiserin Augusta Victoria, dbl., 4 to 5 in. diameter, stems 12 to 18 in. long, plants 3 to 3 1/2 ft. high; stock from 2 1/2-in. pots, \$3 per doz.; \$20 per 100. A. L. Miller, Jamaica Ave., Brooklyn, N. Y.

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Dracaena Indivisa—Suitable for vases, 4-in. pots, \$2 per doz., \$15 per 100; 5-in., \$2.50 per doz., \$20 per 100; 7-in., \$6 per doz., \$50 per 100; 8-in., \$9 per doz., \$75 per 100; 11-in. palls, 3 ft. high, fine plants, \$2 each. Henry A. Dreer, 714 Chestnut St., Philadelphia.

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Ferns—Boston ferns, 5-in., 30c each. Geo. M. Emmans, Newton, N. J.

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Ferns—Boston, 2 1/2-in., \$3.50 per 100; 3-in., \$8; 3 1/2-in., \$10; 4-in., \$12; 5-in., \$25; 6-in., \$40; 7-in., \$60. W. H. Gullett & Sons, Lincoln, Ill.

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Rosea—A. Beauty, 2½-in., \$5 per 100, 3½-in., \$7 per 100, \$45 per 1,000; Chateaux, 2½-in., \$4 per 100, 3½-in., \$5 per 100, \$30 per 1,000; Uncle John, 2½-in., \$4.50 per 100, 3½-in., \$6 per 100, \$40 per 1,000; Bridesmaid, 2½-in., \$4 per 100, 3½-in., \$5.50, \$35 per 1,000; G. Gate, 2½-in., \$3.50 per 100, 3½-in., \$5 per 100, \$30 per 1,000. Cut back branched A. Beauty, \$45 per 1,000; Meteor, Bridesmaid, Bride, G. Gate, Chateaux, \$2.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Roses.—Baby Rambler, 2½-in., \$2.50 per doz., \$15 per 100, \$125 per 1,000; 3-in., \$3.50 per doz., \$25 per 100; 4-in., \$6 per 100. Choice var. ever blooming roses, \$3 per 100 in quantity; some new var., higher, extra good, 2½-in. plants. Coard & Jones Co., West Grove, Pa.

Roses—Baby Rambler, ever-blooming, dwf., 2½-in. pot plants, \$2.50 per doz., \$15 per 100; \$125 per 1,000. Dingee & Coard Co., West Grove, Pa.

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Cabbage.—All var., \$1 per 1,000; \$8.50 per 10,000. Ludvig Mosbaek, Onarga, Ill.

Celery.—White plume, trans., \$2 per 1,000. Ludvig Mosbaek, Onarga, Ill.

Plants—Millions of vegetable plants and hardy perennial plants. Price list mailed free. Ludvig Mosbaek, Onarga, Ill.

Sweet Potato.—Jersey, \$12.50 per 10,000; 25c per 100. Ludvig Mosbaek, Onarga, Ill.

Seeds, Bulbs, Spawn, Etc.

Asparagus—A plumosus pantus, Northern greenhouse grown seed, 100 seeds, 60c; 250 seeds, \$1.15; 1,000 seeds, \$4. Southern greenhouse grown, 1,000 seeds, \$3; 5,000 seeds, \$12.50. A. plumosus robustus, 100 seeds, \$1; 1,000 seeds, \$9. Decumbens, 100 seeds, 50c; 1,000 seeds, \$4. Comorensis, 100 seeds, \$1; 1,000 seeds, \$7.50. Cash discount 2 per cent. Vaughan's Seed Store, Chicago and New York.

Bulbs—Spring or fall delivery, for florists' use. We import to order, bulbs and plants. August Rolker's Sons, 31 Barclay St., New York.

Bulbs.—Gladolus, good mix., 75c per 100; \$6 per 1,000. Geo. M. Emmons, Newton, N. J.

Bulbs.—L. Harrisii, L. longiflorum, Roman hyacinths, Paper White narcissus, J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Bulbs.—Ward's high grade bulbs and plants. Ralph M. Ward & Co., 17 Battery Place, New York.

Bulbs.—Bulb stock, all kinds. Bassett & Washburn, 76 Wabash Ave., Chicago.

Bulbs.—Florists' bulbs, best grade only; import orders now booked. W. C. Beckert, Allegheny, Pa.

Bulbs.—Fall bulbs, Freesia, Roman hyacinths, Paper White narcissus, Lillium Harrisii, longiflorum, hyacinths, tulips, narcissus. Vaughan's Seed Store, Chicago and N. Y.

Cycas—Revoluta, \$8 per 100 lbs. J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Jumping Beans—The only moving vegetable; a great wonder; \$6 per 1,000, postpaid. J. A. McBowell, Ap. 167, City of Mexico.

Lilies—Cape Cod pink pond lilies, large, strong B. roots, \$3 per doz. W. I. Bodfish, West Barnstable, Mass.

Lily of the Valley—First-class pips only. Julius Hansen, Plunberg, Germany.

Lily of the Valley—Berlin and Hamburg pips for early and late forcing. Etzold & Co., Hamburg, Germany.

Lily of the Valley—Early and late forcing pips, Multbell, Berolina, early forcing Berlin, Polaris, Hansa, late forcing Hamburg. Aug. Rhotert, 26 Barclay St., N. Y.

Lily of the Valley.—Lily of the valley clumps strong, imp. stock, \$2.50 per doz., \$18 per 100. Vaughan's Seed Store, Chicago and New York.

Lily of the Valley.—Berlin and Hamburg Valley, Jacs, Smita, Naarden, Holland, Maltus & Ware, 136 Water St., N. Y.

Lily of the Valley.—Pips, cold storage, cases of 3,000, \$10 per 1,000. J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Lily of the Valley.—Plant now. Selected valley pips, \$1.50 per 100; \$13 per 1,000. H. N. Bruns, 1409 W. Madison St., Chicago.

Mushroom Spawn—Frequent importation from England, always fresh and lively. J. J. Stryer, Concordville, Pa.

Mushroom Spawn—Pure culture and English. Fresh supply every month. Kaud Gaudestrup & Co., Chicago.

Seeds—3,700 acres of garden seeds in cultivation; wholesale seed growers. Braslan Seed Growers' Co., San Jose, Cal.

Seeds—High grade grass, clover and tree seed. Conrad Appel, Eat. 1789, Darmsdt, Germany.

Seeds—Pansy, ready in July, \$4 per oz. Jos. H. Cunningham, Delaware, O.

Seeds.—Rawson's Arlington tested seeds for the florist. W. W. Rawson & Co., 12-13 Faneuil Hall Square, Boston.

Seeds.—Burpee's catalogue for 1905 is now ready. W. Allee Burpee Co., Philadelphia.

Seeds.—Importer and exporter seeds, bulbs and plants. Wm. P. Craig, 1305 Filbert St., Philadelphia.

Seeds.—Flower seeds and bulbs; onion sets; garden seeds. Leonard Seed Co., Chicago.

Seeds.—Florists' flower seeds. New crop now ready. Webber & Don, Seed Merchants and Growers, 111 Chambers St., New York.

Seeds—Seeds, bulbs, plants. Arthur T. Boddington, 342 W. Fourteenth St., New York.

Seeds.—International primula mixture, price pkt. 350 seeds, 50c; 5 pkts. \$2; 1-16 oz., \$2.50. Chinese primula, sixteen varieties, sold per 250 or 1,000 seeds. Vaughan's Columbian ciberaria, mixture of choicest English, French and German strains, trade pkt., 1,000 seeds, 50c; 3 pkts., \$1.25; Ciberaria, Old Rose, 50c; C. hybrida, 500 seeds, 25c. Hybrida grand, nana, 25c. Hybrida plenissima, 50c. Hybrida grand, Scarlet Queen, 25c. Gloxinia hybrida, Vaughan's Columbian mixture, the choicest sorts, pkt., 1,000 seeds, 50c; 3 pkts., \$1.25. Calceolaria hybrida, trade pkt., 1,000 seeds, 50c; 3 trade pkts., \$1.25. Seeds of hardy perennials. Vaughan's Seed Store, Chicago and New York.

Seeds.—Grower and exporter of choice beet, vegetable and flower seeds. Henry Mette, Quedlinburg, Germany.

Seeds.—Pansy, Mette's Triumph of the Giants, \$5 per oz.; \$1.50 per ¼ oz.; 75c per 1-16 oz. Henry Mette, Quedlinburg, Germany.

Grass Seed.—Lawn grass seed, Dickinson's Evergreen and Pine Tree brands. Special mixtures golf grounds. Albert Dickinson Co., Minneapolis and Chicago.

Wholesale Cut Flowers.

COMMISSION DEALERS.

- Allen, J. K., 106 W. 28th St., N. Y.
- Amling, E. C., 32-36 Randolph St., Chicago.
- Angermueller, Geo. H., 1324 Pine St., St. Louis.
- Befding, H. G., 1402 Pine St., St. Louis.
- Chadwick, Chas., cor. Fulton and Lagrave Sts., Grand Rapids, Mich.
- Cleveland Cut Flower Co., The., 52-54 High St., Cleveland, O.
- Denmund, J. B., 51 Wabash Ave., Chicago.
- Fenrich, Jos. S., 48 W. 30th St., N. Y.
- Flower Growers' Market, 60 Wabash Ave., Chicago.
- Ford Bros., 111 W. 30th St., N. Y.
- Ghormley, Wm., 57 W. 28th St., N. Y.
- Guttman, Alex. J., 52 W. 29th St., N. Y.
- Hart, James, 117 W. 30th St., N. Y.
- Holton & Hunkel Co., 463 Milwaukee St., Milwaukee, Wis.
- Horan, Edward C., 55 W. 28th St., N. Y.
- Hunt, E. H., 76 Wabash Ave., Chicago.
- Kennicott Bros. Co., 40-44 Randolph St., Chicago.
- Kuehn, C. A., 1122 Pine St., St. Louis.
- Langjahr, Alfred H., 55 W. 28th St., N. Y.
- McLoughlin Sons Co., J. M., 310 Walnut St., Cincinnati, O.
- McKellar, Chas. W., 51 Wabash Ave., Chicago.

If you do not find what you need in our Ready Reference Department, write us about it.

Michigan Cut Flower Exchange, 38 40 Miami Ave., Detroit, Mich.
 Moore, Hentz & Nash, 55-57 W. 26th St., N. Y.
 Murdoch, J. B., & Co., 545 Liberty Ave., Pittsburg, Pa.
 New York Cut Flower Exchange, Coogau Bldg., 6th Ave. and W. 26th St., N. Y.
 Philadelphia Cut Flower Co., 1516-18 Sansom St., Philadelphia, Pa.
 Pittsburg Cut Flower Co., Ltd., 504 Liberty Ave., Pittsburg, Pa.
 Pittsburg Florists' Exchange, 228 Diamond St., Pittsburg, Pa.
 Pollworth, C. C. Co., Milwaukee, Wis.
 Randall, A. L. Co., 19 Randolph St., Chicago.
 Raynor, John L., 49 W. 28th St., N. Y.
 Rice Bros., 128 N. 6th St., Minneapolis, Minn.
 Schigman, John, 56 W. 26th St., N. Y.
 Sheridan, Walter P., 39 W. 28th St., N. Y.
 Traudley & Schenck, 44 W. 28th St., N. Y.
 Vaughan & Sperry, 58-60 Wabash Ave., Chicago.
 Watson, W. H., Lapeer, Mich.
 Welch Bros., 15 Province St., Boston.
 Winterson, E. F., Co., 45-49 Wabash Ave., Chicago.
 Young, A. L., & Co., 54 W. 28th St., N. Y.
 Zech & Mann, 51 Wabash Ave., Chicago.

GROWERS.

Bassett & Washburn, 76-78 Wabash Ave., Chicago.
 Bentley-Costworth Co., The, 35 Randolph St., Chicago.
 Brant, D. Wood, 58-60 Wabash Ave., Chicago.
 Bruns, H. N., 1409-11 W. Madison St., Chicago.
 Budlong, J. A., 37-39 Randolph St., Chicago.
 Poehlmann Bros. Co., 35-37 Randolph St., Chicago.
 Reinberg, Peter, 51 Wabash Ave., Chicago.
 South Park Floral Co., Heller Bros., New Castle, Ind.
 Weiland & Risch, 59 Wabash Ave., Chicago.
 Weiland, Peter, New Castle, Ind.
 Wieter Bros., 51 Wabash Ave., Chicago.
 Witthold, Geo. Co., 1657 Buckingham Place, Chicago.
 Wolf, John, Savannah, Ga.

Retail Cut Flowers.

Atlanta Floral Co., 41 Peachtree St., Atlanta, Ga.
 Aitken, Mark, 378 Main St., Springfield, Mass.
 Bertrmsnu Bros. Co., 241 Massachusetts Ave., Indianapolis, Ind.
 Blackstone, 14th and H Sts., N. W., Washington, D. C.
 Breitmeyer's John, Sons, cor. Miami and Grand Ave., Detroit, Mich.
 Cooke, Geo. H., Connecticut Ave. and L St., Washington, D. C.
 Eckholt, Mrs. Chas., Galveston, Tex.
 Garden, Alex. B., 441 Center Market, Washington, D. C.
 Gude, A. & Bro., 1214 F St., Washington, D. C.
 Hanswirth, P. J., Auditorium Annex, Chicago.
 Hess & Swoboda, 1415 Faruam St., Omaha, Neb.
 Holm & Olson, St. Paul, Minn.
 Leikens, 7 E. 33d St., N. Y.
 Mills The Florist, 36 W. Forsyth St., Jacksonville, Fla.
 Park Floral Co., The, Denver, Colo.
 Palmer's, Buffalo, N. Y.
 Rock, Wm. L., Flower Co., Kansas City, Mo.
 Shaffer, 14th and Eye Sts., Washington, D. C.
 Slevers & Boland, 33 Post St., San Francisco, Cal.
 Cut Flowers—Roses, Bride, Bridesmaid, G. Gate, 3, 5 and 7c; carnations, fancy, 3½c; good, 2 and 2½c; work flowers, 1½c; Harrisli, 6 and 8c; fine smilax, 15c per string; sweet peas, 50 and 60c per 100. W. J. & M. S. Vesey, 2902 Thompson av., Ft. Wayne, Ind.
 Weber, Fred C., 4320-28 Olive St., St. Louis, Mo.

Supplies, Sundries, Etc.

Artificial Leaves—All styles in hundreds of different designs. Rossig Bros., 497 W. Broadway, New York.
 Bone Meal—Vaughan's rose grower bone meal; f. o. b. Chicago, 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 60c; 50 lbs., \$1; 100 lbs., \$2; 200 lbs., \$3.50; 500 lbs., \$8; 1,000 lbs., \$15; 2,000 lbs., \$30; f. o. b. New York, 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.50; 200 lbs., \$4.50; 500 lbs., \$9.75; 1,000 lbs., \$18.50; 2,000 lbs., \$36. Vaughan's Seed Store, Chicago and New York.

Bulb Pans, Etc.—Bulb pans. Detroit Flower Pot Mfg. Co., 490 Howard St., Detroit, Mich.
 Bulb Pans, Etc.—Bulb and fern pans. The Keller Pottery Co., 213-223 Pearl St., Norristown, Pa.
 Cane Stakes—Standard grade, 6 to 8 ft. Prices: Chicago, 75c per 100; 300 for \$1.60; \$4.50 per 1,000; \$11.50 for 3,000; New York, \$1 per 100; 300 for \$2.25; \$6 per 1,000; extra heavy, 9 to 12 ft., Chicago only, \$1.25 per 100; 250 for \$2; \$7 per 1,000; pipe stems, light, 6 ft., Chicago only, 50c per 100; 250 for 90c; \$3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.
 Coal—Harman, the florists' coal man. Alum Creek, Brazil Block, etc. Wm. S. Harman, 303 Dearborn St., Chicago.
 Cut Flower Boxes—The best cut flower box is full telescope; that is ours, at manufacturers' prices. C. C. Pollworth Co., Milwaukee, Wis.
 Cut Flower Boxes—Cut flower boxes, waterproof, corner lock style. No charge for printing on orders above 250 boxes. Livingston Seed Co., Columbus, O.
 Cut Flower Boxes—Folding cut flower boxes. Hulton & Hunkel Co., Milwaukee, Wis.
 Engraving—Best engravings and illustrations of every description for catalogues. Send for estimates. Globe Eng. & Elec. Co., 427 Dearborn St., Chicago.
 Fertilizers—Thompson's vine, plant and vegetable manure, also special chrysanthemum and top dressing manure, plant foods and stimulants. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.
 Fumigating Supplies—Vaporizing pans for tobacco extracts, improved. Diller, Caskey & Co., 6th and Berk Sts., Philadelphia.
 Fumigating Supplies—Nicotine solution, 40 per cent nicotine, \$10.50 per gal., ½ gal. \$5.50, pint \$1.50, ¼ pint 50c. Kentucky Tobacco Product Co., Louisville, Ky.
 Fumigating Supplies—Tobacco dust for fumigating. Edwin L. Koppelman & Co., 81 Pine St., New York.
 Greens—Evergreens, galax, leucothoe, mosses, etc. The Kervan Co., 20 W. 27th St., N. Y.
 Greens—Evergreens, fancy and dsger ferns, bronze and green galax. George Cotsonas & Co., 45 W. 29th St., New York.
 Greens—Specialties: galax leaves, ferns and leucothoe sprays, holly, Princess pine; all kinds of evergreens. Galax leaves, \$1 per 1,000. N. LeCake & Co., 53 W. 28th St., New York.
 Greens—Asparagus plumosus, 50c per string. W. H. Watson, Lapeer, Mich.
 Greens—New decorative greens, the branches of huckleberry tree, \$2.50 per case. New crop hardy ferns; fancy, \$1.25 per 1,000; dagger, \$1 per 1,000. Caldwell, The Woodsman Co., Evergreen, Ala.
 Greens—Dagger and fancy ferns; bronze and green galax, laurel festooning, green and sphagnum moss, ivy leaves, Sprenger, asparagus leucothoe sprays. Henry M. Robinson Co., 8-11 Province St., Boston.
 Greens—Ferns, \$1.50 per 1,000; galax bronze or green, 75c per 1,000; laurel festooning, 4, 5 and 6c per yd.; branch laurel, 35c per bundle; princess pine by lb., or festooning. Crowl Peru Co., Millington, Mass.
 Guano—Lobos Peruvian guano, 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1; 100 lbs., \$3. Vaughan's Seed Store, Chicago and New York.
 Hanging Baskets—Wire, 5 to 20-in., plain or fancy. Vaughan's Seed Store, Chicago and New York.
 Horn Shavings—Price, 5 lbs., 25c; 10 lbs., 45c; 25 lbs., 90c; 100 lbs., \$3. Vaughan's Seed Store, Chicago and New York.
 Hose—New, ¾-in., 7½c per foot; ¾-in., not guaranteed, 4½c per foot. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.
 Hose—Hose in quantity. Chicago House Wrecking Co., W. 35th and Iron Sts., Chicago.
 Hose—"Bull Frog" brand, ½-in. and ¾-in. Toledo Rubber Co., Toledo, O.
 Hoss—Non-Kinkable; prices, ¾ or ½-in.: 1 to 24 feet, 18c per ft.; 25-49 ft., 17c per ft.; 50-99 ft., 16c per ft.; 100-400 ft., 15½c per ft. Vaughan's Seed Store, Chicago and New York.
 Hose Mender—The Cooper, for ½ or ¾-in. hose, 8c; 4 for 25c; doz., 75c; by mail 90c; for 1-in. hose, each 10c; doz., \$1. Vaughan's Seed Store, Chicago and New York.
 Lawn Mower—The Clipper lawn mower, No. 1, 12-in., \$5; No. 2, 15-in., \$6; No. 3, 18-in., \$7; No. 4, 21-in., \$8. Draft, money order or reg. letter. Clipper Lawn Mower Co., Dixon, Ill.
 Mastic—For glazing greenhouses. F. O. Pierce Co., 170 Fulton st., New York.
 Mastic—For glazing greenhouses, \$1.25 per gal.; 6 gals., \$7; 10 gals., \$11.25; 22 gals., \$23.40. Vaughan's Seed Store, Chicago and New York, ill.

Metal Designs—Send for prices. A. Hermann, 404-12 E. 34th St., N. Y.
 Nitrate of Soda—Ten lbs., 50c; 25 lbs., \$1; 100 lbs., \$3.50; 200 lbs., \$6.50. Vaughan's Seed Store, Chicago and New York.
 Paris Green—One-half lb., 15c; 1 lb., 25c; 5 lbs., \$1.10; 14 lbs., \$2.65; 100 lbs., \$18. Vaughan's Seed Store, Chicago and New York.
 Plant Stakes—Galvanized steel wire, 1½ ft., 45c per 100; \$3.50 per 1,000; 2 ft., 55c per 100; \$4 per 1,000; 2½ ft., 65c per 100; \$5 per 1,000; 3 ft., 85c per 100; \$6 per 1,000; 3½ ft., \$1 per 100; \$8 per 1,000; 4 ft., \$1.15 per 100; \$9 per 1,000; 5 ft., \$1.30 per 100; \$11.50 per 1,000. Vaughan's Seed Store, Chicago and New York.
 Pots—Standard pots, which for strength and porosity combined are best on market. A. F. Kehr, 1521-23 N. Leavitt St., Chicago.
 Pots—Red standards, full size, and wide bottoms. Detroit Flower Pot Mfy., 490 Howard St., Detroit, Mich.
 Pots—Red standard; azalea pots. The Keller Pottery Co., 213-223 Pearl St., Norristown, Pa.
 Pots—Before buying, write for prices. Geo. Keller & Son, 361-63 Herndon St., near Wrightwood Ave., Chicago.
 Pot Hangers—Kramer's pot hangers. Fit all standard size pots from 2 to 10 inches in diameter. Price with wire chain, \$1 per doz. by express. Sample dozen by mail, \$1.25. I. N. Kramer & Son, Cedar Rapids, Ia.
 Pots—Red pots. Sample pot and price list on application. C. C. Pollworth Co., Milwaukee, Wis.
 Pots—Syracuse red pots, best clay. Syracuse Pottery Co., Syracuse, N. Y.
 Pots—Standard flower pots. We can save you money. W. H. Erneat, 25th and M Sts., Washington, D. C.
 Pots—Standard flower pots. The Whillido Pottery Co., Philadelphia, Pa.; Jersey City, N. J.; Long Island City, N. Y.
 Pots—Pots of all kinds. A. H. Hews & Co., No. Cambridge, Mass.; Long Island City, N. Y.
 Printing—Regan Printing House; large runs of catalogues our specialty. Write for figures. Regan Printing House, 83-91 Plymouth Place, Chicago.
 Putty Bulb—Scollay's, 75c each; 3 for \$2.15; doz., \$8.50. Vaughan's Seed Store, Chicago and New York.
 Ribbon—Ribbon specialists. M. Rice & Co., 918 Filbert St., Philadelphia.
 Seed Bags—For the trade. Full line in Manila, white, amber or colored laid papers. The Brown Bag Filling Machine Co., Fitchburg, Mass.
 Seed Cases—Heller's mice proof seed cases. Heller & Co., Montclair, N. J.
 Sheep Manure—Pure sheep manure, dried unpulverized and pulverized. Montana Fertilizer Co., Elgin, Ill.
 Sheep Manure—Price, f. o. b. Chicago, 25 lbs., 35c; 50 lbs., 60c; 100 lbs., \$1; 500 lbs., \$4; 1,000 lbs., \$7.50; 2,000 lbs., \$14; f. o. b. New York, 25 lbs., 45c; 50 lbs., 75c; 100 lbs., \$1.50; 500 lbs., \$6; 1,000 lbs., \$11; 2,000 lbs., \$21. Vaughan's Seed Store, Chicago and New York.
 Slug Shot—Hammond's, 5 lbs., 30c; 25-50 lbs., 43c per lb., \$9 per bbl. of 235 lbs. Vaughan's Seed Store, Chicago and New York.
 Sphagnum Moss—F. o. b. Chicago, \$1 per bale; 6 for \$5; 12 for \$9; f. o. b. New York, \$1.50 per bale; 6 for \$6.50. Vaughan's Seed Store, Chicago and New York.
 Supplies—Cork bark for window boxes, flat or cylindrical, birch bark in large sheets. Mfrs. prepared palms and artificial flowers. Clare & Scharrath, 170 E. Madison St., Chicago.
 Supplies—Manufacturers and Importers. M. Rice & Co., 918 Filbert St., Philadelphia, Pa.
 Supplies—Importers, jobbers, manufacturers of florists' supplies; western leaders. C. C. Pollworth Co., Milwaukee, Wis.
 Supplies—Makers of wire designs and florists' supplies. Cleveland Cut Flower Co., Cleveland, Ohio.
 Supplies—Cape flower, cycas leaves, metal designs, and all florists' supplies. A Hermann, 412 E. 34th St., New York.
 Supplies—Seed pans, standard flower pots, cylinders for cut flowers, hanging baskets, lawn vases, etc. Hillinger Bros. Pottery, Ft. Edward, New York.
 Supplies—Tin foil, cut wire, corrugated boxes, folding boxes, all kinds letters, wire designs, cycas leaves, ribbons, etc. Henry M. Robinson & Co., 8-11 Province St., Boston, Mass.
 Supplies—Florists' wire designs and supplies. Emil Steffens, 335 E. 21st St., New York.
 Supplies—Importers and manufacturers of florists' supplies. L. Baumann & Co., 78 Wabash Ave., Chicago.
 Supplies—Importers and manufacturers of florists' supplies. Reed & Keller, 122 W. 25th St., New York.
 Supplies—One million square feet sash, lumber, garden hose, etc. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

If you do not find what you need in our Ready Reference Department, write us about it.

Tobacco Soap—Sulpho tobacco soap, ½-lb. box, 20c; doz., \$2. Vaughan's Seed Store, Chicago and New York.

Tobacco Dust—Five lbs., 25c; 10 lbs., 40c; 100 lbs., \$2.25. Vaughan's Seed Store, Chicago and New York.

Toothpicks, Wired—\$1.50 per 10,000, \$6.25 per 60,000. W. J. Cowee, Mfr., Berlin, N. Y.

Weedkiller—"Eureka" weed killer, large size tin, 75c each. Vaughan's Seed Store, Chicago and New York.

Whale Oil Soap—15c per lb.; 2 lbs., 25c; 5 lbs., 50c. Vaughan's Seed Store, Chicago and New York.

Wire Supports—Model extension carnation supports, galvanized wire rose stakes, tying wire, single and dbl. pot hangers. Igoe Bros., 226 N. 9th St., Brooklyn, N. Y.

Wire Work—None made as good at our prices. C. C. Pollworth Co., Milwaukee, Wis.

Wire Work—E. H. Hunt, 76-78 Wabash Ave., Chicago.

Construction Materials, Boilers, Etc.

Boilers—The Plerson boiler for water or steam; a coal saver. Adapted to use any kind of fuel. The Plerson-Sefton Co., West Side Ave., Jersey City, N. J.

Boilers—Get our prices. Metropolitan Material Co., 1398-1408 Metropolitan Ave., Brooklyn, N. Y.

Boilers—Hitchings New Mogul boilers for hot water or steam. Hot water radiation from 4,200 square feet and up. Steam radiation from 2,500 square feet and up. Horticultural architects and builders. Hitchings & Co., 233 Mercer St., New York.

Boilers—Boilers of high grade for greenhouses. Steam and hot water. Giblin & Co., Utica, N. Y.

Boilers—Improved greenhouse boilers, made of best material, shell, firebox sheets and heads of steel, water space all around (front, sides and back). Kroeschell Bros. Co., 45 Erie St., Chicago.

Boilers—Send for prices and catalogues. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Boilers—Furman boilers. Particularly well adapted for greenhouse heating. The Herendeen Mfg. Co., Dept. Am., Geneva, N. Y.

Boilers—Gurney heaters, heat by steam or hot water. Gurney Heater Mfg. Co., 111 5th Ave., N. Y.; 74 Franklin St., Boston.

Boilers—Water tube steam boiler. King Construction Co., N. Tonawanda, New York.

Boilers—About "Burnham" boilers. Write today to our New York office for catalogue. Lord & Burnham Co., St. James Bldg., 1133 Broadway. General office and works, Irvington-on-Hudson, N. Y.

Boilers—New and second hand; 2 second hand steam, \$35 each. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Boilers—Fifty horizontal tubular boilers from 10 to 200 h. p. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

Boiler Tubes—Sixteen carloads 4-in. tubes, rattled and heavy. Also sizes from 1¾-in. to 8-in. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

Building Material—Lumber for greenhouse benches. Ship lap, drop siding, sheathing, flooring, white cedar posts, etc. We are in special position to furnish "Pecky Cypress" everything in pine and hemlock building lumber. Adam Schillo Lumber Co., cor. Weed St. and Hawthorne, Chicago.

Building Material—Greenhouse material and hotbed sash of Louisiana cypress and Washington red cedar. A. Dietsch Co., 615-21 Sheffield Ave., Chicago.

Building Material—Cypress sash bars, Tennessee red cedar posts, pecky cypress benches, hotbed sash and frames, ventilating apparatus, pipe, fittings, and all supplies needed in new or reconstruction work. Foley Mfg. Co., 471 W. 22d St., Chicago.

Building Material—Greenhouse material of any description. John C. Moninger Co., 412-22 Hawthorne Ave., Chicago.

Building Material—Gulf cypress greenhouse material. Hot bed sash. We furnish everything for building. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Building Material—Every type of greenhouse manufactured, also all greenhouse fittings. Plerson-Sefton Co., West Side Ave., Jersey City, N. J.

Building Material—Write for prices on Gulf cypress building material. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Building Material—Our designs embody best features greenhouse construction; heat grade gulf cypress used. Red cedar posts, iron fittings, hotbed sash. Lockland Lumber Co., Lockland, O.

Building Material—Cypress is far more durable than pine. Cypress sash bars up to 32 feet or longer. Greenhouse and other building material. Men furnished to superintend erection when desired. A. T. Stearns Lumber Co., Neponset, Boston, Mass.

Glass—Window glass. Greenhouse glass a specialty. H. M. Hooker Co., 59 W. Randolph St., Chicago.

Glass—Importers and jobbers; greenhouse glass a specialty. Window glass. James H. Rice Co., 80-82 Wabash Ave., 34-40 S. Water St., Chicago.

Glass—French and American "White Rose" brand. Stenzel Glass Co., 2 Hudson St., New York; 101 Portland St., Boston.

Glass—Good brands, quick shipments, large stock. Sharp, Partridge & Co., 22d St. and Union Place, Chicago.

Glass—New American, 50 sq. ft. to box; all standard dimensions. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Glass—Glass at wholesale. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Glass—Tank window glass. Hothouse glass a specialty. D. C. Cunningham Glass Co., Pittsburg, Pa.

Glass—Plate and window glass. Greenhouse glass a specialty. Sprague-Smith Co., 205 Randolph St., Chicago.

Glass Repair Clamp—Peerless glass repair clamps. Box of 150, \$1. Alexander Klokner, Wauwatosa, Wis.

Glazing Points—Vaughan's Perfection, 1,000 55c; by mail, 70c; lots of 5,000 by express, 50c per 1,000. Vaughan's Seed Store, Chicago and New York.

Glazing Points—See the point? Holds glass firmly. Peerless glazing points are the best. No rights or lefts. Box of 1,000 points, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Glazing Putty—Twimlow's Old English, \$1.25 per gal., 5 gals., \$5.50. Vaughan's Seed Store, Chicago and New York.

Greenhouse Construction—Eureka greenhouse the best and lowest in price. All houses erected at factory and shipped to purchaser with blue prints, photographs and plain directions so any person can put up. Dillon Greenhouse Mfg. Co., Bloomsburg, Pa.

Gutters—New duplex gutter, only drip proof gutter on the market. E. Hippard, Youngstown, Ohio.

Gutters—Garland's gutters will keep snow and ice off your glass. A sample of our gutter is on exhibition at Chicago Flower Growers' Market. Geo. N. Garland, Des Plaines, Ill.

Gutters—Jennings Improved iron gutters. Diller, Caskey & Co., Sixth and Berk Sts., Philadelphia.

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Iron Fittings, Etc.—Send for prices. Lockland Lumber Co., Lockland, O.

Oil, White Lead, Paint, Putty, Etc.—Metropolitan Material Co., 1398-1408 Metropolitan Ave., Brooklyn, N. Y.

Paint, Putty, Etc.—The Jaa. H. Rice Co., 80-82 Wabash Ave., Chicago.

Paint, Putty, Etc.—H. M. Hooker Co., 59 W. Randolph St., Chicago.

Pipe—Wrought iron pipe, sizes from ¾-in. to 14-in. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

Pipe, Pipe Cutters, Etc.—Pipe, stocks and dies, pipe cutters, Stillson wrenches, pipe vises, hotbed sash, etc. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Pipe, Iron Fittings, Etc.—Galvanized iron sash hinges, screw eyes, screw hooks, U bolts, galvanized turn buckles and wire. Fittings for pulley and ridge supports. Foley Mfg. Co., 471 W. 22d St., Chicago.

Pipes and Iron Fittings—S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, New York.

Pumps—Rider-Ericsson, second hand, \$49 up. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Pumping Engines—Two streams of water for 1 hour cost 2 cents if you use a Standard pumping engine. The Standard Pump & Engine Co., Cleveland, O.

Steam Traps—The Standard return steam trap has no equal for its simplicity of working. E. Hippard, Youngstown, Ohio.

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Ventilating Apparatus—Send for prices and catalogues. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Ventilators—We furnish high grade ventilating apparatus, raising the sashes in greenhouses and other buildings. Lord & Burnham Co., 1133 Broadway, N. Y. General office and works, Irvington-on-Hudson, N. Y.

Ventilators—The New Departure ventilating appliance, cheapest and best. If you doubt, try it and be convinced. J. D. Carmody, Evansville, Ind.

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Ventilators—Hand ventilators, etc. The King Construction Co., N. Tonawanda, N. Y.

Ventilators—Evsns' Improved Challenge ventilating apparatus. Quaker City Machine Works, Richmond, Ind.

BOOKS FOR FLORISTS.

The time is coming along when these are needed and opportunity at hand for reading them. Every one of the following should be in your library.

Send prices quoted and we send the books.

HEATING AND VENTILATING BUILDINGS (Carpenter).—This book covers the entire subject most fully. In the preparation of heating and ventilating plans, it will be found a most valuable guide. \$4.00.

FUMIGATION METHODS (Johnson).—A practical treatise on cheap and effective means of destroying insect pests. Handsomely bound and profusely illustrated. 250 pages. \$1.00.

LANDSCAPE GARDENING (Maynard).—The development of landscape art within the past few years compels the wide awake florist to keep posted on this branch of the business. The many suggestions of this book will be found helpful every business day. It contains 338 pages, 165 illustrations. \$1.50.

CELERY CULTURE (Vaughan).—The important subject of celery culture is thoroughly covered in this illustrated pamphlet of 59 pages. The florists raising young plants of celery and those who grow the plants to maturity will alike find it valuable. 50 cents.

MUSHROOMS: HOW TO GROW THEM (Falconer).—The only American book on the subject, 29 illustrations. Written by a practical mushroom grower who tells the whole story so tersely and plainly that a child can understand it. This book has increased mushroom growing in this country three fold in three years. \$1.50.

THE ROSE—Its cultivation, varieties, etc. (H. B. Ellwanger).—A complete guide of the cultivation of the rose, together with the classification of all the leading varieties. \$1.25.

GINSENG (Kains).—At the present time when so much interest is taken in ginseng, it will be interesting to peruse this volume, which tells all about the plant in a way that all may understand. The 144 pages are freely illustrated. 50 cents.

HANDY MANUAL (J. W. Johnson).—A new work, fully illustrated with plans, etc., on greenhouse heating and ventilating, by a practical steam and hot water heating engineer of long experience. Replete with valuable information. 125 pages. \$1.00.

THE GOLDFISH (Mulertt).—A number of florists find goldfish an attractive and paying addition to their business. The best advice is given in every department of the subject, including construction and care of the parlor aquarium, in this volume of 160 pages, handsomely illustrated. \$2.00.

THE AMERICAN CARNATION (C. W. Ward).—A complete treatment of all the most modern methods of cultivating this most important flower. Illustrated. \$3.50.

THE HORTICULTURISTS' RULE-BOOK (L. H. Bailey).—Contains information valuable to all those engaged in any branch of horticulture. Illustrated. 312 pages. 75 cents.

American Florist Co.,

324 Dearborn Street, CHICAGO.

Minneapolis.

ACTIVE MARKET.

Weather conditions have done much in making the market active the past week by causing a limited supply. The sun has not shone at all and with the continued cold stock is short. The plant trade has also been affected by past conditions, but at the present writing things are improving and good business is expected. American Beauty are not in sufficient quantity to supply all orders, while the teas are equal to all demands. Carnations in white were very noticeable, but in colored there seems to be a limited supply. Greens especially are a very scarce article.

NOTES.

W. C. Drake has sold his new range of glass on Fortieth street and Girard avenue north to the Crystal Lake Cemetery Association, and takes back his old location at Lake street and Fourth avenue south.

Northrup, King & Company are handling in connection with their seed department, plants and nursery stock with good success.

Echardt & Kusik, the wireworkers on Twelfth street, are contemplating discontinuing their business, as it has not been a profitable one.

C. F. Rice of Rice Brothers has moved to Lake Minnetonka for the summer. The above firm reports business about on an average with last year.

Gus Bergstrum has taken charge of the Crystal Lake Cemetery Association greenhouses.

William Donaldson & Company are still enjoying the same good flower trade as usual.

R. A. Latham says trade is up to the standard and in some respects ahead of last year.

C. F. R.

CHAMPAIGN, ILL.—The greenhouses of the Illinois Central railroad have begun their annual distribution of plants for beautifying the grounds at various points on their lines.



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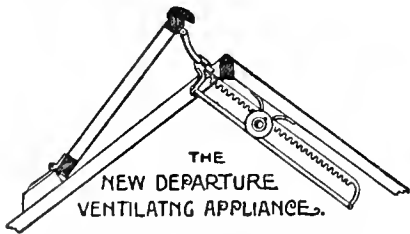
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THE AMERICAN FLORIST



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TWENTIETH YEAR.

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—J. C. VAUGHAN, Chicago, president;
J. R. FREEMAN, Washington, D. C., vice-president;
Wm. J. STEWART, 11 Hamilton Place, Room
11, Boston, Mass., secretary; H. B. BEATTY, Oil
City, Pa., treasurer. Twenty-first annual meeting
at Washington, D. C., August 15-18, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention and exhibition at Boston,
1906. PETER FISHER, Ellis, Mass., president;
ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass.,
March, 1906. ALEX. MONTGOMERY, Natick, Mass.,
president; Wm. J. STEWART, 11 Hamilton Place,
Boston, Mass., secretary.

AMERICAN PEONY SOCIETY.

Exhibition at Chicago June 16-17. C. W.
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FEWKES, Newton Highlands, Mass., secretary;
J. B. DEAMUD, 51 Wabash Avenue, Chicago,
exhibition manager.

PALMS AND FERNS.

Seeds and Seedlings.

The general treatment of palms is a subject that has been so frequently discussed in these columns that there seems but little to be added to it, and yet the fact that there are many readers of a trade journal to whom these elementary practices are new is proved by the queries that are so often forwarded to the editor on this and kindred subjects. The routine work of this season includes the handling of seeds and seedlings in the palm and fern houses, and occupies much time and space in those establishments in which these plants are handled in quantity.

The first among the commercial palm seeds to arrive is usually *Cocos Weddelliana*, the seeds of which are generally received in March or April, and some seasons even earlier than this, but the extra early seeds are sometimes not so evenly ripened as those of the spring shipments, and in addition to this there is the risk that they may be exposed to the severe frost in transit, the boxes in which they come from the tropics not being sufficiently lined to withstand much exposure to cold weather. From this fact, it is usually safer to depend upon the seeds that arrive about the middle of April rather than the very early offerings.

The seeds of this palm vary greatly in size, some of them being but little larger than a good sized pea, while others may be nearly three-quarters of an inch in diameter. The size is perhaps of less importance than the weight, for good seeds will sink when tested in water, while those that are imperfect or dried out too much are most likely to float. This water test is frequently resorted to by practical growers as a ready method of proving the value of a shipment of seeds.

It is a mistake to plant *cocos* seeds in deep pots, owing to the habit this palm has of sending down a long and stiff taproot from the seed, the result being found at the time the seedlings are potted off, when one meets the problem of getting a 5 or 6-inch root into a pot that is only three inches deep, the root in question being as brittle as glass, and about as stiff as a radish. This condition results in many broken roots, even in the hands of a careful potter, and in the majority of cases the seed-

ling rots off after the taproot has been broken. One way of overcoming this trouble is to plant the individual seeds in thumb pots from which the seedlings may be shifted into 3-inch pots when large enough without much risk from broken roots, the compost for the seeds being very light and open. Pure peat is frequently used for this purpose.

The seeds of *Areca lutescens* arrive later than the *cocos*, the new crop coming in during May in most seasons, and when fresh and in good condition are covered with a light brown hairy fibre that tends to make them hang together when picked up by the handful. If the seeds of this palm are too old or have been allowed to dry out too much by exposure to the air, the surrounding fibre contracts and the seeds will appear smooth and darker in color, and an examination will generally show that the germ is shriveled and a very poor percentage of germination is likely to be the final result.

The roots of an *areca* seedling are more fibrous and pliable than those of the *cocos*, and there is much less difficulty in getting them into a small pot, those measuring 2x3 inches being a convenient pot for this purpose, except where one wishes to pot off three or four seedlings in one pot, and in the latter case pots 2½ to 3 inches in diameter may be used to advantage. From the fact that these palm seeds are usually sown very thickly it becomes necessary to pot the seedlings before they get thin and drawn from overcrowding, any time after the first leaf is fully developed being a suitable time for the operation, though some growers prefer to wait until the second leaf begins to push up. A warm and moist atmosphere is needed for both seeds and seedlings, and the latter should be protected from the sun and wind until they become established after potting, and also syringed frequently.

In the fern house the early crops of seedling ferns will now be quite ready for potting, these tender little plants growing much more freely when potted off into small sized pots, and afterward being shifted on into 3-inch pots toward autumn, for though this means another handling and the margin of profit is not large yet it also means that a better percentage of good salable stock will be ready for the following winter's trade. In the preparation of this stock it should be remembered that the *adiantum*s and *aspidium*s will require longer time in

Peony
Number
Next
Week.

which to make plants than the quick growing pterises, and it is, therefore, best that these slower growers should be given the slight advantage of being potted off first, supposing the entire crop to be in a fit condition for potting.

The varieties of *Pteris Cretica* and *P. serrulata* are very rapid growers, as are also *P. argyræa* and *P. tremula*, the two last named being more in favor as pot plants rather than for ferneries, on account of their strong growth and rather straggly habit as small plants. *Adiantums* are not used so largely for table ferneries on account of their tenderness, but still there are some customers who demand the delicate fronds of *A. cuneatum* and *A. pubescens* for the sake of variety and beauty, and in addition to this there are great quantities of *A. cuneatum* that are still needed for cut fronds, beside a considerable number that are grown on into 4 or 5-inch pots to be sold as pot plants or used in baskets. Boston ferns and the various sports from this fern may still be potted off as they become ready, for these are among the most rapid growing ferns and stock in 2-inch pots in July will make good 6-inch plants for sale during the winter, provided they are given a strong soil and plenty of light and moisture.

With so many aspirants for public favor among this group of ferns it becomes rather a difficult matter to pick the winner, but much depends upon the condition in which any particular variety is placed upon the market, for all are beautiful when well grown, though all may not appeal to the taste of the general public. W. H. TAPLIN.

Newport Horticultural Society.

The regular meeting of The Newport Horticultural Society took place June 7 with a good attendance. Interest now centers in the rose and strawberry show which takes place June 27, 28, and 29. This exhibition will be held in the Newport Casino. That the summer residents are very much interested in its success is evinced by the following special premiums which have been recently donated: A silver cup, value \$50, by Miss Alice Keteltas, for the best gateway decoration; Alfred G. Vanderbilt, \$25 for the best group of palms and foliage plants; William Watts Sherman, \$25 for the best group of palms, ferns and flowering plants; Mrs. Perry Belmont, a silver cup for the best table decorative foliage plants; and Miss Fannie Foster offers for the best collections of outdoor grown roses exhibited by gardeners of Newport, three prizes, \$25, \$15, and \$10.

The following head gardeners have been selected as a committee to award the prizes: John P. Hammond, Andrew J. Pow, and Paul Volquardsen. The committee of arrangements consists of five members and is as follows: William G. Postings, Andrew K. McMahon, Richard Gardner, James McLeish, and James Robertson. At this meeting Dr. Alexander Anderson was elected an active member. X.

MARYSVILLE, KAN.—Fred. Frye has purchased the Koester greenhouses and will move them to his home in the southern part of the city. He had charge of these houses for several years.

WICHITA, KAN.—The twenty-first semi-annual meeting of the Kansas State Horticultural Society was held here June 7, 8 and 9.



St. Louis World's Fair Medals.

THE CARNATION.

Summer Culture Under Glass.

The method of growing carnations under glass throughout the entire season is gaining favor with a greater number of growers each year, so much so that we hear of some who follow this plan with the whole of their plants and are loud in their praise of the results obtained thereby. It is being demonstrated that with indoor summer grown plants a finer flower with longer stem and a more continuous crop during the winter months can be obtained than is the case with plants lifted from the field. The principal cause of this is that one has the plants under control during their entire growth, a very important feature especially so when heavy continuous rains like we are getting this year brings the plants in the field very near to the suffering point. As it is, we have already seen batches of plants that are turning yellow due to being flooded so much. With such plants the best results cannot be obtained.

To make a success of indoor culture, the main thing is to lay a proper foundation and to follow it up by watching every little detail and studying the plants' requirements at all times. The plants should now be planted into their permanent quarters as quickly as the benches can be prepared to receive them.

It is hardly necessary to point out here that one particular part of the work in preparing the houses for plants is that of thoroughly cleaning and white-washing the houses. Clean out all the rubbish underneath the benches and take the hose and wash them out thoroughly. After this is done do not spare the lime wash but get it into every crack and crevice. Also see that the benches are in good enough repair to stand through the season.

These things attended to, the next questions are those of drainage and soil. Ample space should be provided between the boards at the bottom of the bench to allow the water to pass away freely and some sod or loose material should be placed on the bottom to prevent the fresh soil from falling through. For this part of the work sod turned with the grass side down and allowed to stand for a few hours for the sun to dry up any growth that is left in it, is generally used but every grower is not situated so as to be able to obtain suitable sod for this purpose and consequently, some other material has to be brought into use. We are now using excelsior, which we obtain from the factories, and find it to be the cheapest and best material for this work. A little of it is pressed along each crack, not enough to obstruct the drainage, but sufficient to prevent the soil falling through until the roots have thoroughly made a network through it and hold it in place. By this time the excelsior is rotted away.

Referring to the right kind of soil for growing carnations under glass in the summer, we have found that it is the best plan to be a little cautious regarding the amount of manure used in the compost, having come to the conclusion that better results can be obtained by adding extra stimulation later in the season should there be need of it than to plant in a soil that is heavily charged with manure at the start. This has a tendency to promote a soft, straggling growth which might be termed artificial

or forced; a fit condition for them to be an easy prey to disease. A compost containing one-fifth part of well rotted manure thoroughly mixed through it is the best material we have found to start out with, adding other feed when the plants require it as the season advances. We figure on a depth of soil of about 4½ inches after it is moderately firmed down and set the plants 9 inches apart across the bench and 10 inches the other way. When planting it is well to loosen the roots a little at the bottom of the ball before setting them in, which helps them to get away faster. Take particular pains to see that the plants are not set too deep, as this is just as important now as when planting in from the field.

Another very important point to bear in mind is to go a little slow in watering at the start, giving them moisture only as they require it. This gives the roots fresh soil to work in until thoroughly established and promotes a sturdy growth. Do not shade the plants at all but allow them to have all the light and air possible and when root action is well started in the fresh soil keep the plants in shape by carefully pinching back the growths.

C. W. JOHNSON.

The Japanese Maples.

These are doubtless the finest and most varied deciduous shrubs in existence, says a correspondent of the Gardening World. Other shrubs have flowers at certain seasons, and some put on foliage tints in the autumn, but in these maples there is diversity and color the whole season through. For the decoration of the conservatory or for groups of plants on staircases they are invaluable, as they are ready for use when the stove foliage plants are growing, and consequently not available.

Their culture in pots consists of potting them in the autumn in a compost of equal parts of loam and peat, with plenty of sand. Thorough drainage is necessary. Keep them as cool as possible and on the dry side while resting. They may be brought on early by placing in a temperature of 50° and dewing them over with the syringe morning and evening, but the substance of the leaves does not appear to me to be so good as when they are allowed to come on naturally. The sprays of leaves are very useful for dinner-table decoration.

Their beauty and effect is unsurpassed



HOUSE OF BRIDE AND BRIDESMAID ROSES AT C. H. TOTTY'S, MADISON, N. J.

(See New York notes, issue of May 27, page 833.)

when grouped on a lawn amongst the shrubs, or in beds in the flower garden. They will succeed in many places planted out permanently. In these localities a situation should be chosen that is partially shaded; that is, where they can be shaded by trees during the middle of the day, and protection from cold winds is necessary. Spruce branches placed amongst them as they are coming into leaf will be an advantage, although I have seen large specimens standing on a northern slope with no protection whatever, and always doing well. Still, I think it best to be on the safe side and protect them. Plant out the first week in June. If the weather is dry, watering must not be neglected.

There are three distinct types of foliage. The palmatum type, with five lobes cut almost to the center. The septemlobum type has seven to nine lobes; and the dissectum type has deeply pinnatifid lobes overlapping each other. The foliage of the latter type is as elegant as any fern.

The following is a good selection: *Acer palmatum atropurpureum*, a dark purple leaf and a vigorous grower; *A. p. sanguineum* Seigan, young leaves blood red, changing as they mature to

dull coppery-red; *Roseo-marginatum*, light green edged with rose; *Aureum*, yellow foliage, of an orange tint when matured; *Linearilobum*, olive-green, finely cut foliage; *Septemlobum elegans*, changing from green to dull red; *Palmatifidum*, light green leaves very deeply lobed; *Atrodissectum variegatum*, elegant foliage, reddish-green and purple, variegated light rose; *Atropurpureum dissectum*, same color as the type, but with dissected foliage; *Versicolor*, a splashed green and rose palmate leaf; and *Pelliculacum*, a white seven-lobed leaf suffused with light green; the mid-ribs are also of a light green color.

Sulphate of Ammonia from Peat.

It is stated in the engineering supplement of a recent issue of the London Times that so encouraging have been the results obtained during the past two years at an experimental plant near London, in tests of the process of Eschweiler & Woltereck for utilizing peat for the production of sulphate of ammonia, that £30,000 (\$145,995) is now being spent on a complete recovery plant in the midst of the peat lands of Carnlough, Antrim county, Ireland. While the drawback to the use of peat as an industrial material has hitherto been the difficulty and expense of freeing it from its inherent moisture, it is claimed that the presence of up to fifty per cent of moisture is a positive advantage in the new process, and that there is a recovery of sixty-eight per cent of free ammonia in the form of the sulphate, which is a valuable fertilizing agent.

PLEASANT CITY, O.—Mrs. C. W. Lewis, of this city, has gone out of business, her greenhouses some time ago being destroyed by water.

ROCKFORD, ILL.—H. W. Buckbee will soon commence the erection of the largest greenhouse in Rockford. It will be 106x200 feet in size and contain over 60,000 square feet of glass. It will be erected near his present plant.



VIEW OF C. H. TOTTY'S ESTABLISHMENT, MADISON, N. J.

(See New York notes, issue of May 27, page 833.)

CHRYSANTHEMUMS

Seasonable Suggestions.

SEASONABLE SUGGESTIONS.

The work of getting the plants into their permanent quarters should be pushed along as rapidly as possible now. To get depth and large size of flowers from the early and midsummer varieties this date is none too early for them to be planted in the beds. For a cheaper grade and smaller blooms, also with the late varieties, planting can be done until about July 15. Stock intended for this late planting should not be left in the sand after becoming rooted, but should be potted up as soon as the cuttings have made sufficient roots. Any delay in attending to this quickly weakens the growth of the young plants, causing them to take a longer time to start into growth after they are planted in the benches.

The exhibition stock planted in May is now well established in the soil and growing rapidly. The beds need to be kept clear of weeds, which quickly put in their appearance. Upon examination, should the soil appear to be light and spongy go over the beds and pound it down to get it in such a firm condition that it is a difficult matter to push one's finger into it. This is one of the most important points connected with growing chrysanthemums, particularly so when they are planted as early as May, the reason for this being that unless the soil is firm enough for the plants to make a short sturdy growth they quickly get long and spindly and in a short time are unmanageable. It also takes a firm, rich soil to produce a large enough bloom for present day exhibition requirements.

When this part of the work has been properly attended to the plants are ready to be staked. Every grower has his own particular way of doing this. Sometimes one finds them tied up to strings fastened to wires, strung lengthwise, one overhead and one at the top of the bench; others use stakes fastened to wire at top, the same as is done in tying up roses. We prefer this method; it is much neater and there is not any chance of the stakes wobbling about.

The plants are now beginning to send out side shoots and make a bunch of growth at the top, together with the summer bud. These must be pinched out, excepting one of the top side shoots, which is left to make further growth. This part of the work should be done

by someone who thoroughly understands his business and can tell the difference between the bud and growth, as all depends on doing this properly.

Where exhibition specimen plants and standards are being grown, preparations should be made for giving them their final potting. The first thing is to select the right size of pots which the schedule calls for. Ample drainage should be provided and a good, rich soil used in potting them, making it firm by pressure after the plants are potted. Stake up the standards to prevent the branches from getting broken, and with the bush specimens spread them out to let in the air by placing stakes here and there throughout the plants, which will act as a support also, and help to make a well formed specimen. Care must also be taken so that they will not receive more water than is necessary before the roots have taken hold of the new soil.

C. W. JOHNSON.

British Trade Topics.

For the last thirty-five years Amos Perry, of Winchmore Hill, has devoted constant attention to water gardening, and his unique displays have added variety to horticultural shows in England. At the St. Louis exhibition last year he was awarded a large silver medal for new plants raised at his nurseries. He has a very fine collection of water lilies, among them being *Nymphaea Braksleyi rosea*, a new hybrid. This is a cross between *N. tuberosa* and *N. odorata rosea*. The shapely, fragrant flowers are of a brilliant pink tint. Another new variety is *N. Laydekeri rosea prolifera*. The bold blooms open a delicate pink, deepening to rose with age, with orange-colored anthers.

A brilliant spectacle has lately been witnessed at the nurseries of Barr & Sons, of Ditton Hill, where acres of daffodils and tulips produce an imposing mass of color. Among them are batches of new seedlings which the firm has raised and the leading varieties in favor, not forgetting Peter Barr, the premier white trumpet daffodil, which is priced at 50 guineas a bulb.

One of the chief centers for bulb growing for market purposes is at Spalding in Lincolnshire. Over 230 tons of blooms have already this season been sent away to the London and provincial markets, and this is in excess of last year's total. One firm has over sixty acres devoted to bulb growing.

The announcement made in my previous letter as to the rediscovery of

Cypripedium Fairieanum in the eastern Himalayas has been confirmed by the arrival at Kew gardens of two excellent plants, one with twelve, the other with seven leads, and both in a very healthy state. The exact spot where the remarkable find has been made has not been revealed.

WITH THE GROWERS

F. R. Pierson Co., Tarrytown, N. Y.

While a visit to the Tarrytown establishment of this firm is always interesting, it is now dividing honors in point of attractiveness with the firm's Scarborough plant. At Scarborough, which is only three or four miles above Tarrytown, is located the nursery establishment of the concern, delightfully situated, and just now kaleidoscopic in color and design. The long regular rows of young trees and shrubs usually seen in nurseries are here enlivened by intervening rows of *Azalea mollis*, wistarias, snowballs and other flowering shrubs, all tending at this time of year by their vivid coloring to please visitors, who come in numbers at this season.

Some charming little vistas have been made possible with nursery stock disposed irregularly in mound and hollow formation, the distant Hudson river, which presents at this point some of its grandest scenery, materially adding to the general effect. Borders, tastefully planted with miscellaneous varieties of stock, figure very largely in the layout of the nursery, and are an attraction in themselves. There is now to be seen a pretty arrangement of rhododendrons on a side hill margining a brook, which demonstrates the usefulness of these shrubs for covering unsightly places. In full bloom and embracing some fine varieties, the display commands much more than passing notice. Japanese maples in the popular varieties and in a multitude of sizes are to be seen, and a large stock of Colorado blue spruce is distributed around.

The large Pierson-Sefton greenhouse near the principal entrance to the establishment at present is used for the double purpose of carrying carnation parent stock and bringing along specimen plants in the way of kentias, ficus and elegantissima ferns. Next season the greenhouse, which in itself equals in area that of many ordinary ranges, will be used entirely for carnations of the varieties handled by the firm as specialties, including Daheim, Enchantress,



DISTANT VIEW OF LARGE GREENHOUSE AND NURSERIES OF F. R. PIERSON COMPANY, SCARBORO, N.Y.



RHODODENDRONS AT NURSERIES OF F. R. PIERSON COMPANY, SCARBORO, N. Y.

White Lawson, Variegated Lawson, Paten and Flamingo. The cut flowers sent in to the New York market from this stock during the past season were as fine as any to be seen. Around the building and in different portions of the grounds are many hydrangeas in tubs to supply a good demand from the different summer resorts.

Peter Reinberg, Chicago.

The Peter Reinberg greenhouses, the most extensive in size in this country, now aggregate 1,200,000 square feet of glass. This devoted to the growing of roses and carnations means a very large cut, and the establishment does a large amount of shipping, and has a wide reputation for quality and promptness in filling orders, the motto here being to always give a customer the best stock that can be had. Superintendent George Collins has been very successful in rooting American Beauty roses, having about 100,000, and although they have shipped a large amount of this stock, they are still long on Beauties, and have some good 2-inch and 3-inch stock on hand. A large amount of old plants have been thrown out and new stock planted, and Mr. Collins says he will have all his houses replanted by July 1. For some time he has been cutting some of the finest Chateanay and Liberty roses seen in this market. The Lawson carnation has been the biggest seller, but Estelle has been grown extensively with good results, also Boston market. Richmond is already benched and doing well. The assortment of carnations consists of about twenty varieties.

A growing business constantly demands new houses and changes. An addition of eleven 300-foot houses has just been completed. They are of the Dietsch pattern and first class in every respect. As has been mentioned before in these columns, a section of twelve houses is being refitted with iron gutters, this being accomplished without removing the glass, by raising the roof, thereby saving a large breakage.

Mr. Reinberg has just occupied a fine residence which adjoins the greenhouses, and is built on the highest land in the vicinity. The house has yet to receive a few finishing touches in the shape of a

smoking room and a billiard room. Mr. and Mrs. Reinberg recently celebrated their wedding anniversary in the new home.

F. R. & P. M. Pierson, Scarborough, N. Y.

On property adjoining the Pierson nurseries is the establishment of F. R. & P. M. Pierson, consisting of ten 300-foot greenhouses devoted entirely to American Beauty roses. Three of these houses, recently built, are of Dietsch construction, and when the weather makes it necessary are heated by an auxiliary boiler plant. The new range is 81 feet wide and accommodates 14,000 plants. The plantings in the ten houses aggregate 38,500 plants. The present daily cut in the establishment averages 1,500 roses, but it is expected that this number will be greatly exceeded during June, as the plants will then yield their best. Cutting takes place twice daily. A strict account is kept with each house, and if one house is found to be more productive than another the reason is sought.

Both bench and floor planting are followed, the results being about equal. In putting soil into the benches trucks are used with flanged wheels, which run along the edges of the benches. Other

trucks have wheels with a single flange which run in the interstices between the boards in the platforms. By the use of these trucks all of the benching in a house is easily filled in one day.

The boiler house is centrally located, and contains three large tubular boilers, powerful pumps and a large fan for forced draft. With buckwheat coal and forced draft a proper heat is quickly obtained and easily maintained, no matter what the outside temperature. Through the night the temperature of the houses is taken every two hours. The quality of the product of this establishment is very high and sells readily in the New York market and other markets both east and west.

George Reinberg, Chicago.

The large ranges of George Reinberg adjoin those of his brother, Peter Reinberg. Roses and carnations are grown exclusively, and a large shipping business is carried on. Flora Hill and Guardian Angel carnations have been grown most extensively this season, but next year more attention will be given to White Cloud, Boston Market, Estelle, Lawson and Red Sports. This spring's business in carnation cuttings has been large. The Bride and Bridesmaid roses are cutting well, as yet, but much American Beauty stock has been thrown out, and H. A. Arnold, foreman, has finished planting all but six houses, and will be through by the end of the month. A number of improvements are being made, including a new boiler, water mains, carpenter and paint shops, pumps and a new steam threading machine. A number of Polish girls have been employed at the greenhouses, but evidently they have been inoculated with the strike germ for they "struck" for higher wages and failed to report for work this week.

MARKET GARDENS.

NEWPORT, R. I.—Indications now point to an excellent crop of Black Hamburg and Muscat of Alexandria grapes this season. The few that have already been sold brought from \$1.50 to \$1.75 per pound. These prices prevailed last year but the market in a short time went to pieces.

NEWPORT, R. I.—There is a question each season here between the dealers



HOUSE OF AMERICAN BEAUTY ROSES AT F. R. & P. M. PIERSON'S, SCARBORO, N. Y.

and the growers regarding the price of asparagus. It is never sold here bunched, but by the pound or loose as cut. Some growers have contracted their supply at 10 cents per pound, and some the daily market prices. These latter have fared better as the cold weather has kept the price close to 15 cents.

The Brake Fern as a Vegetable.

While we have been regarding the bracken (brake fern) as a useful plant for clothing our commons with verdure, carpeting woodlands, and furnishing supplies of fronds for protective purposes, and for litter in stables, the Japanese have been utilizing the fern as a vegetable. Baron Suyematsu recently invited a party of journalists and others to meet him at the Japanese club to taste the bracken in a cooked state, says the Gardener's Magazine. It was stated in the course of the proceedings, that if the fronds are gathered in the spring in their curling stage, and properly cooked, they make an excellent vegetable. Also that, under the designation of "Warabi," the tender curling fronds have been cooked and eaten in Japan for centuries, and that the dish formed with them is a favorite one among all classes from the emperor downwards. Baron Suyematsu, noticing how plentiful this fern is in the united kingdom, and knowing how highly appreciated it is by his countrymen when cooked, thought it desirable that its usefulness as a vegetable should be made known to the public at large.

Hop Sprouts as Vegetables.

In the early spring, when there is a great scarcity of fresh vegetables, chicory and spinach being about the only resource of the housewife, tender young hop sprouts are exposed for sale in the Brussels, Belgium, market, and are in great demand during the season, which lasts from March 15 to April 15.

Forced hop sprouts may be had as early as March 1, but they are not as tender and succulent as sprouts cut from the foot of hop plants which have been covered with earth during the winter months. When the earth is removed moved the tender sprouts are cut, care being exercised to leave sufficient to form new sprouts.

Hops are cultivated in various sections of Belgium, but the hop-sprout culture is confined to the frontier of the Province of Brabant, touching East Flanders. During the season immense quantities of fresh hop sprouts are daily sent from this locality to all the important cities and towns in Belgium, but the greatest part of the product goes to the large canning establishments at Molines, where the sprouts are canned or bottled and exported, as a table delicacy, to all parts of the world.

GEO. W. ROOSEVELT.

AURORA, ILL.—A single shipment of 5,000 plants has been made to Plainfield electric park by the Aurora Greenhouse Company, which has the contract for decorating. The park is the property of the Joliet & Aurora railroad.

Society of American Florists.

Preparations for the convention at Washington are being rapidly completed and progressive reports received from all departments indicate a widespread interest and the probability of a very large attendance on this occasion. The opening session will be held at 2 p. m., on Tuesday, August 15, when the usual opening addresses and reports will be presented. The evening of that day will be devoted to the president's reception, which will be a very enjoyable social affair. On the two following days the sessions will be in the forenoon and evening, the forenoon meetings being devoted to nominations, elections, discussions upon practical topics, etc., and the evening sessions to two lectures, one on "Work of the Bureau of Plant Industry, United States Department of Agriculture, in Its Relation to Floriculture and Horticulture," by B. T. Galloway, chief of the bureau, illustrated by stereopticon slides; the other on "Work of the Bureau of Plant Industry in Encouraging Civic Improvement and the Teaching of Horticulture in the Public Schools," by Miss Susan B. Sipe, illustrated by stereopticon slides.

Attention is called to the prizes offered by Treasurer Beatty, \$25, \$15 and \$10 for the first, second and third best essays on "The Ideal Employer." These papers must be sent to the office of the secretary not later than July 15 without signature, but with the name of the writer accompanying same for the pur-



DECORATIONS AT A CHICAGO LAWN PARTY, JUNE, 1904.

pose of record, and should not exceed fifteen hundred words each. Attention is also called to the offer of a silver medal for the best display of cut flowers to be shown in vases. There will be a very comprehensive special exhibit by the United States Department of Agriculture.

The trade exhibition will be held in the National Rifles armory, and the sessions of the society in Carrol hall, which adjoins that building. The exhibition will be under the management of George H. Cooke, Connecticut avenue and L street, Washington, D. C., and those wishing to secure space should make prompt application to that gentleman. Contrary to the custom heretofore the exhibition hall will remain open throughout the day without interruption.

The bowling fraternity is actively preparing for an interesting tournament between the representatives of the various cities. Information regarding this feature can be had from P. J. Hauswirth, Chicago, or John Westcott, Philadelphia.

Up to the present time reduced railroad rates on certificate plan have been granted by the Trunk Line and the New England and Southeastern Passenger Associations, covering all the territory east of Buffalo and Pittsburg, and south and east of the Ohio and Mississippi rivers; also all points in Canada east of and including Toronto. The Central and Western Passenger Associations, which control transportation west of the above mentioned territory, have not yet been heard from, but will undoubtedly grant a similar reduction; that is, one and one-third fare for the round trip, certificate plan.

Ask your state vice-president, or the secretary of the nearest florist club for railroad rates and for information regarding excursions which are being arranged that will pass nearest to your home city. Full details will appear in the preliminary programme which will be sent out as usual early in July. The secretary will be glad to answer any inquiries regarding further particulars.

WM. J. STEWART, Sec'y.

THE TRADE EXHIBITS.

The following, with reference to our editorial note of March 11 on the trade displays at the annual conventions of the S. A. F., were received too late for our issue of April 8, in which a number of similar comments appeared:

ED. AMERICAN FLORIST:—

Regarding the editorial note in your issue of March 11, we beg to state that when we have displayed goods at the conventions of the Society of American Florists our sole object has been to advertise our goods and familiarize the trade with what we have to give them. We do not know that any special reward the society might have to offer would be any inducement in connection with our exhibit. It is quite possible that such a reward would have a good effect with other classes of exhibitors. If the society should give prizes for the best displays among these exhibits it might be that the effect produced would be of advantage to the convention in the way of attracting a larger number of people.

We do not know that it would be to our interest to endeavor to make an artistic display at these conventions, as it would involve considerable expense. We would suggest that it would be a good plan for the society to issue an



STANDING FUNERAL WREATH.

(Designed by George V. Wienhoeber, of Fleischman's, Chicago.)

illustrated report covering exhibits, and send same to the various members of the society and others who are willing to pay for same.

The fact that the exhibits would be illustrated in this report we think would serve as an incentive toward displaying exhibits to the best advantage. A more or less detailed description of the goods shown or the items of special interest in connection with the exhibits, would be of value both to the exhibitors and the various members of the society who are in the market for material of one kind or another and wish to keep posted as to what is the best thing to be had in the market.

Speaking for ourselves, we do not look for direct returns through our exhibits at the society's conventions, our sole object being to advertise our goods. We would therefore favor any practical scheme that would either draw more people to the convention, or carry the knowledge of what is exhibited there to a larger number of people.

LORD & BURNHAM COMPANY.

We believe that there should be some more substantial award given for inventions and exhibits. Each award should be made on the merits shown in the exhibits. QUAKER CITY MACHINE CO.

EXHIBITIONS TO BE OPEN.

In connection with the recent comments in these columns on the exhibitions of the Society of American Flo-

rists, we wish to remind our readers that at the executive committee meeting, held in Washington last month, a vote was passed by the board rescinding the rule for closing the exhibitions during the sessions of the society.

THE RETAIL TRADE

Newport Wedding Decorations.

For the Stanhope-Bartlett wedding the First Methodist Episcopal church as also the bride's home, was tastefully decorated, the color scheme being white and green. The decorations consisted chiefly of palms, bay trees, hydrangeas, and lilies, white lilac and Kaiserin roses. Double cherry blossoms were also used at the residence. The bride's bouquet was a shower of lily of the valley and the bridesmaid's, daybreak carnations.

X.

A Standing Wreath.

Suggestions which may prove of value in dealing with fastidious customers are contained in the accompanying illustration, showing a standing wreath of American Beauty roses and orchids which was one of the floral tributes at the funeral of a prominent railroad man of Chicago. The wreath is a large and gorgeous affair, fashioned principally of American Beauty, with the orchids bunched on one side, intertwined with

lily of the valley and Boston fern fronds and asparagus sprays as a background. The base is of American Beauty roses and Harrisii lilies. The wreath is simple, but requires first-class stock and must be sold for a good round sum, but it is sure to meet the approval of the fastidious buyer. It was designed by George V. Wienhoeber, manager of Fleischman's, Chicago.

New York.

DULL MARKET.

The market is dull and without interest to grower or commission man, other than supplying a hand to mouth demand. Daily shipments clean up, it is true, but on a basis which has become rather wearisome. Probably the only strong commodity in staples is roses. These are scarcer, and while they do not command higher prices, except when in special grades, the quality is of the highest. There is less of the sacrificing business than has been the custom of late. Carnations are more than abundant, and prices are at the lowest notch. Some of the sales made are too bad to record, and quoted prices are for legitimate business only. Outdoor grown roses are plentiful and find buyers within a range of prices not interesting enough to mention. Cornflower is a good thing just now, and when the quality is right remunerative prices are obtained. Peonies are very plentiful, and some commission men are getting as many as three shipments daily. They move fairly well, retailers using them freely for window displays. Lilies are shortening up and growers having good stock left are fortunate. Sweet peas are abundant, but long stemmed stock in lavender, pink and white sell freely. Iris is seen in variety and on the whole goes off well, the influx being somewhat curtailed. Orchids are not taken quite as freely as two weeks ago, but they are still good stock. Cool and cloudy weather with rain has helped the market somewhat the past few days, but at the present summer weather is in evidence and improvement in the condition of things is not looked for.

FLORISTS' CLUB MEETING.

June 12 was peony night at the meeting of the New York Florists' Club. It was also ladies' night. The heavy rain storm curtailed the attendance, but those present had a thoroughly good time. Exhibitions were made by the Cottage Gardens Company, of Queens, L. I., Mr. Ward staging ten vases of flowers, and Charles Lenker, of Freeport, who staged three vases; also J. Gutman showed a generous vase of the Victory carnation. All the flowers were at adjournment distributed among the lady visitors. Very little business was transacted at the meeting. A. H. Langjahr, of the committee appointed to communicate with the park commission on the subject of the barring of children from the greenhouses in Prospect park, reported that the complaint made by the club had resulted in the withdrawal of the objection. H. Kakanda of the Hinode Florist Company, White-stone, L. I., was elected to membership, and the resignation of J. C. Darlington accepted. Entertainment followed routine business, and J. B. Nugent, Jr., chairman of the house committee, took charge of the details and made a good time more than possible. Mr. Hopwood, the baritone of a prominent church choir, rendered several songs, accom-

panying himself on the piano. J. A. Shaw gave a recitation, J. B. Nugent sang several songs and Alex. Wallace gave one of his favorites; Miss Shaw gave a vocal selection, J. H. Pepper told some stories and then refreshments followed by dancing completed the evening's entertainment.

NOTES.

A wagon loaded with plants was stolen from the Julius Roehrs place, Rutherford, N. J., one night this week. The wagon was run down by employes on a trolley car and captured.

Frederick Scholes, at one time a large buyer of orchids and crotons and owner of greenhouses at Keap street, Brooklyn, died June 12, of apoplexy, at Essex, Conn., aged eighty-two years.

Phil Kessler has taken quarters at 42 West Twenty-eighth street, and will start business as a wholesaler about the end of the month.

Charles Grant, formerly with J. H. Small & Sons, has started for himself in the retail business at Forty-third street and Broadway.

Chicago.

THE MARKET.

Business the past week has been extremely slow, and receipts have been very large. This was not unexpected, as the season is at hand when such conditions prevail, and everybody seems thankful that business kept up in such good shape after Memorial day. There have been great quantities of peonies received, the best of which went to cold storage, but there are many growers who have not yet learned how to cut them so as to secure the keeping qualities necessary. Prices of fair to good grades ranged from 25 to 75 cents per bunch. There was a large stock of all grades with little demand, and much of it was consumed by the Greeks. The stock of roses was large, and much of inferior quality was to be seen, prices ranging from \$1 to \$6; good Liberties bringing as high as \$10. From now on the supply will be much shorter, as nearly everyone is throwing out old stock. Carnations have been abundant, and the quality none too good, the warm weather bringing them out in vast quantities, and many soft flowers were received. There has been a big supply of sweet peas, and good stock sold fairly well. Tuesday and Wednesday there seemed to be quite a noticeable demand for smilax, but it fell off on Thursday. The former demand for flowers for school commencements has greatly diminished, although some private schools are using many. From this date the grower will be busy with new stock, and the wholesaler and commission man will have time to figure the season's profits.

NOTES.

George F. Crabb, of Crabb & Hunter, Grand Rapids, was in this market on June 10, selecting some rose stock. He reports very high water at that place, but said the florists and growers had not sustained any serious damage, so far as he knew, although he has about three acres of carnations under water, which means they are lost. Train service has been badly crippled, especially to the north, no trains excepting the Michigan Central running from Tuesday until Thursday, thereby causing a considerable loss from shipments detained. Another hail storm visited that section

June 6, which did more damage to their individual houses than the storm of a week ago.

Peony enthusiasts should not fail to call at Peterson's Nursery during their visit to this city to attend the peony exhibition. There is much to interest peony growers in this collection, and Wm. A. Peterson, chief of the establishment, takes a keen interest in these plants; he knows much about them that the average grower does not know and can not learn without the expenditure of a good deal of time and money. It is decidedly informing to talk to Mr. Peterson, or any member of his well trained staff, about peonies. Other extensive collections in this vicinity are those of Vaughan's Nurseries, Western Springs, and the Chicago Peony Farm, Joliet.

August Lang, wife and son will sail for Europe about June 27. After a stop at Bremen, they will go to Berlin and will make quite an extended trip, accompanied by several relatives and friends. Mr. Lang will move his store temporarily, the location not yet decided, as the building is to be replaced with a new structure in which Mr. Lang will have one of the finest stores in the city.

Manager J. B. Deamud of the American Peony Society says that judging from the way entries are coming in a very fine exhibition is assured for Friday and Saturday of this week. Exhibits from the east and west have been received during the past ten days and they have been placed in cold storage so that they will be in prime condition for the show.

That versatile young man, W. N. Rudd, undertook to entertain the undertakers in convention at Springfield June 13 and as usual, was most successful in his efforts. Mr. Rudd, by the way, at Mount Greenwood is building three new houses, covering a space of 65 x 100 feet, and one show house, 15 x 20 feet, using Foley material and the King gutter.

The Chicago Rose Company is a new concern which has filed application for incorporation. The incorporators are J. P. Weiland, D. J. Murphy and J. P. Degnan. This firm has secured fifteen acres of land at Libertyville, on the electric line, and will at once erect three 500-foot rose houses, detached, Moninger furnishing the material.

J. P. Weiland is building a range of five detached houses, 50 x 500 feet, at Libertyville, which will be used for growing American Beauty roses. Moninger has the contract for the houses, which when completed will cost about \$25,000, and will be among the most modern in the west.

At the meeting of the Florists' Club June 8 P. J. Hauswirth announced that the transportation committee was pushing work on arrangements for rates to the national convention and expected to be able to announce completion of same at the next meeting, which will be June 22.

Weiland & Risch are through planting their large range, and stock is standing in good shape. The new crop will soon be at hand, and they expect to again produce their famous prize winning stock. This firm enjoyed a very large shipping business the past season.

L. H. Winterson visited Grand Rapids June 9, and reports business conditions good. Charles Chadwick started a sale with two wagon loads of geranium and

other bedding plants, but stock moved so well that he used several more wagon loads before the day was over.

Hosea Steelman, of Wilmette, had a neat decoration June 9 at the Casino at Ravinia Park for the ladies of Winnetka represented at the North Shore County Fair. Southern huckleberry was the material used.

Frank Williams, who has a store in the Atlas building at 37 Randolph street, has bought the establishment of Nic Mosconesotes, which was run, until recently, under the name of T. D. Mosconesotes.

The George Wittbold Company has installed a switchboard and a new telephone system which connects all different parts of its establishment. A new adding machine is now in use in the office.

Mrs. Jimmie Kissell died Saturday, June 10, and the body was taken to Hoboken, N. J., on Sunday. Jimmie will be remembered as a member of the old Chicago Florist's quartet.

Theodore Vögel, who for four years was employed with W. J. Smyth, Thirty-first street and Michigan avenue, is now with the George Wittbold Company.

Anthony Warnemont, gardener for the C., B. & Q. railway at Aurora, was run over at Hinsdale last week, and was seriously but not fatally injured.

Henry E. Whitcomb who is located at Ogden avenue and Congress street, has started another store at Madison and Paulina streets.

Vaughan's Seed Store displayed a large bunch of Festiva Maxima peonies of extra quality and size on Saturday.

Bassett & Washburn, who are now doing most of the shipping through their city store, have had a busy week.

Visitors—A. Siegel, St. Louis, Mo.; Andrew Peterson, Hoopston, Ill.

Philadelphia.

MARKET FIRM.

The past week's demand was fully up to expectations, there having been rather an increased demand for cut flowers over the same period of last year. School commencements and weddings used up the bulk of the flowers, the orders for the schools being particularly numerous and cleaned up on certain days everything in sight. Mildewed rose stock is now very common. The hot weather affects American Beauty, and while there is still some select stock, yet the most of it is poor with badly fringed petals. Crocker carnations are now the best pink, they seeming to be improved by the warm weather. Fair Maid is also good and Robert Crawford says it is the most prolific variety now on the list, as it is a mass of bloom almost all the time. Peonies are almost over, and this week will finish them in this market. They have been fine and the growers say the returns have been in keeping with the quality of the flowers.

FLORISTS' CLUB MEETING.

The June meeting of the club was fairly well attended, but, although an appeal had been made to the growers for peonies, they failed to respond, as there were none to be seen. The Conard & Jones Company, of West Grove, Pa., sent in some of their seedling Wichuraiana and Rugosa crosses, which were much admired. The paper for the evening was on the "Uses of Hardy Shrubs for Forcing," which was prepared and read by Edwin Matthews, one of the

staff of the Thomas Meehan nurseries. It was a very instructive paper, for which Mr. Matthews received the thanks of the club. An invitation was extended to all clubs and members of the Society of American Florists who will pass through this city on their way to the convention to stop off and take lunch with the Philadelphia Florists' Club, and it is hoped that the same will be very generally accepted. President Westcott has named a very efficient committee, who will see that every want will be supplied.

NOTES.

Commodore John Westcott is busy getting his Waretown Rest in shape for the opening June 16. This is one of his proudest days of the year, as nothing pleases him more than to gather his friends about him and see them having a good time. His motto is, "Work hard, play hard." There are few all-around men like Commodore Westcott. May his shadow never grow less.

M. Rice & Company have sent out a very unique notice of the removal to their new building recently erected by them at 1220 Race street, to accommodate their rapidly growing trade. The notice of removal is a nicely worded circular attached to the inside of a portion of a newspaper. This bears the words "marked copy."

The members of the craft were shocked at the news of the sudden death of William Joyce, he being run down and almost instantly killed by an automobile June 3.

H. S. Pennoek was married to Miss Alice M. Boner, of Lansdowne, Pa., on June 3. Mr. Pennoek is engaged in the business of raising truck and cut asparagus in West Jupiter, Fla., for the northern markets.

Mrs. J. W. Colflesh underwent an operation for appendicitis last week, which, we are glad to say, has been successful and she is recovering rapidly.

The plant men are almost completely sold out and late bedding and plant box orders are now very difficult to fill.

K.

Boston.

PEONIES IN GOOD DEMAND.

As is usual after Memorial day, prices have gone away off, and this condition of affairs has been assisted by the weather, which for the first four days of this week was cold and rainy. The thermometer for three mornings in succession was 40 degrees or less, one morning dropping to 36 degrees, with frost in some localities. Prices reached their lowest mark on Wednesday, and have picked up since that time so that nearly twice as much was obtainable on Saturday as on Wednesday. As showing the variation in prices during the week it may be said that carnations have been selling all the way from 25 cents to \$3 a 100; roses, 50 cents to \$8 per 100. The dull weather has held peonies back this year, and they are scarce at from \$4 to \$6 a 100, as there is a good demand for them. Sweet peas are coming in plentifully and are selling freely. Good pond lilies are now bringing from \$2 to \$4 and are quickly disposed of. Lily of the valley is of good quality, bringing from \$2 to \$4 a 100.

ABOUT TOWN.

In regard to the claim of the Chicago florists as to their Memorial day business, with the pictures published in last

week's AMERICAN FLORIST, it is worthy of note that one of the Boston commission houses alone, Welch Brothers, handled at least 1,000 boxes on that day, the American Express taking over 700 boxes from their store. In addition they had two of their own teams and three boys delivering all day.

The Boston Globe of May 28 devotes considerable space to an account of the F. L. Ames Estate orchids at North Easton, with an illustration of *Cælogyne cristata* and a portrait of W. N. Craig, the well known superintendent.

Henry M. Robinson & Company report that the new decorative green, the huckleberry branch, is selling well and is being widely used for wedding decorations.

Welch Brothers are having a large sale on *Adiantum Croweanum*, for which they are exclusive agents in New England.

Galvin had a busy day on Wednesday, having seven weddings on that day.

H. P. S.

Cincinnati.

TRADE HOLDS UP.

Trade is holding up well and despite the warm weather stock is in good shape. The call seems to be for Bride and Bridesmaid and white and pink carnations. American Beauty at this season was never better and sweet peas are fine. Shipping trade is very good but owing to a shortage of some lines of stock, several good orders had to be turned down. Longiflorum lilies meet with quick sales. Green goods, such as smilax, asparagus and ferns are in good demand, especially the latter, which at times is hard to get. The bedding out season is about over and those handling this line of stock are well satisfied with the volume of business done.

FLORISTS' SOCIETY MEETING.

At the meeting of the Cincinnati Florists' Society June 10, nominations were made for the board of directors as follows: B. George, J. Allan, D. Rusconi, W. Murphy, G. Murphy, J. W. Rodgers, G. Adrian and G. Corbett. Five of these will be elected at the next meeting June 29.

NOTES.

The Hamilton County Agricultural Society will hold its annual fair at Oakley park this summer and some tempting premiums in the plant and cut flower line will be offered. The society will give \$500 in premiums in these classes.

J. R. Goldman, of Middletown, was a caller this week and says business with him has been very good. At present he is busy getting ready for a \$1,500 wedding decoration which will take place in his city in the near future.

The florists' summer outing trip will take place July 20.

A. O.

At the meeting of the Cincinnati Florists' Society held June 10 it was unanimously decided that the Cincinnati Florists' Society will not be in any way responsible for the outing to be held at Coney Island July 20, said outing being entirely independent of the Cincinnati Florists' Society.

GEORGE MURPHY, Sec'y.

ALLENTOWN, PA.—Al. Griesemer, of 24 North Fourteenth street is contemplating the erection of several greenhouses on his property at Twenty-first and Linden streets, where he now runs a garden.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted only from those in the trade.

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No Special Position Guaranteed.

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Space on front pages and back cover page sold only on yearly contract at \$1.00 per inch, net.

The advertising Department of the AMERICAN FLORIST is for florists, seedsmen and nurserymen and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted. Advertisements must reach us by Monday to secure insertion in the issue of the same week. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send the old address at the same time.

THIS ISSUE 44 PAGES WITH COVERS.

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Society of American Florists.

The annual convention of the Society of American Florists will be held at Washington, D. C., August 15, 16, 17 and 18.

EVERYTHING is plain sailing now, the eastern and western passenger associations having granted the usual rate of a fare and one-third for the round trip to the Washington convention of the Society of American Florists. It is up to the members now to get busy and make their plans so that they can attend. For information regarding transportation from Chicago address P. J. Hanswirth, 227 Michigan avenue, Chicago.

Sterilizing Soil in Greenhouse.

ED. AMERICAN FLORIST:—

How can I sterilize the soil in my greenhouse? I cannot do it with steam heat on account of the position of the pipes, and furthermore I do not believe the boiler will carry enough steam. It is an "Ideal." I. J. T.

There should be no difficulty in sterilizing the soil if a special sterilizing bed is prepared, as the size of the bed can be adapted to the capacity of the boiler.

L. R. T.

American Carnation Society.

The next annual meeting of this society will be held at Horticultural Hall, Boston, Mass., January 24 and 25, 1906. These dates have been reserved for us, and at this early date there are indications of an unusual interest being taken in this meeting and exhibition. The preliminary premium list will be issued early in July and will be mailed to all members and any others who may apply. There will be some special features that will be of interest to all carnation growers. Special premiums and inquiries should be addressed to the secretary. ALBERT M. HERR, Sec'y.

Malformed Gloxinias.

Pierre Van Landeghem, of the Purdue University Agricultural Experiment Station, LaFayette, Ind., sends us some interesting blooms of gloxinias which show at the base of the usual corolla a row of well developed petals which adhere to the former for about half their length from the base and show the rich velvety color of the corolla on their outer surface, the inner surface of these appendages being like the outside of the corolla proper. Mr. Landeghem has had this malformed strain of the crassifolia type in hand for about six years and has developed plants showing these characteristics in two shades, red and purple.

Meetings Next Week.

Boston, Mass.—Gardeners' and Florists' Club of Boston, Horticultural Hall, June 20.

Chicago, Ill.—Chicago Florists' Club, Handel Hall, 40 Randolph street, June 22, at 8 p. m.

Denver, Col.—Denver Floral Club, 323 Charles Block, June 23, at 8 p. m.

Detroit, Mich.—Detroit Florists' Club, Cowie Building, Farran and Gratiot avenue, June 21, at 8 p. m.

Hamilton, Ont.—Hamilton Gardeners' and Florists' Club, office of member, June 20, at 8 p. m.

Hartford, Conn.—Hartford Florists' Club, June 23, at 8 p. m.

Lenox, Mass.—Lenox Horticultural Society, June 22, exhibition.

Montreal, Que.—Montreal Gardeners' and Florists' Club, Alexandria Rooms, 2204 St. Catherine street, June 19.

New Haven, Conn.—New Haven County Horticultural Society, June 20.

Newport, R. I.—Newport Horticultural Society, June 21.

Richmond, Ind.—Richmond Florists' Club, greenhouses of member, June 19.

Salt Lake City, Utah.—Salt Lake Florists' Society, June 23.

St. Louis, Mo.—Plant and Cut Flower Growers' Association, June 21, at 3 p. m.

Toronto, Ont.—Toronto Gardeners' and Florists' Association, St. George's Hall, Elm street, June 20, at 8 p. m.

OBITUARY.

Mrs. Edith A. Withers.

Mrs. Edith A. Withers, widow of J. W. Withers, who was at one time associated with the "Florists' Exchange" and later publisher of "American Gardening," died May 23 of consumption. She was well informed on the subject of gardening and had a wide acquaintance among the trade. She died at her home in Kingston, Surrey, Eng.

Mark Reeves.

During the rush on Decoration day, Mark Reeves injured himself to such an extent that a surgical operation was necessary. His death occurred on the following day. Mr. Reeves was sixty-three years of age and for twelve years conducted a retail flower business at 2123 North Broad street, Philadelphia. His wife will carry on the business. He is survived by three sons and two daughters.

William Joyce.

William Joyce, one of Philadelphia's oldest and most honored gardeners, met his death by accident, June 3, being knocked down and run over by an automobile on Broad street, near South.

Mr. Joyce was a man of great ability in his chosen vocation. He seemed to know intuitively the treatment every plant required to bring it to perfection. He was always an exhibitor at the displays of the Pennsylvania Horticultural Society, in which organization he took great interest. Forty-six years ago he obtained the position as gardener to Mathew Baldwin, of locomotive fame, Robert Craig's father recommending him for the place. Under his care Mr. Baldwin's collection became noted for the excellence and quality of the plants, first prizes being the rule at the competitions before the society. At Mr. Baldwin's city residence on Chestnut street, below Twelfth, he built for the public's benefit a large conservatory which fronted the street at the building line. After Br. Baldwin's death, Mr. Joyce took charge of the Henry C. Gibson collection, another noted lot of plants, where he was employed at the time of his death.

Mr. Joyce was of a genial disposition and a general favorite with all who were privileged to know him. He was seventy-eight years of age. On account of the esteem in which he was held by the craft, he was, many years ago, elected an honorary member of the florists' club of this city, a distinction enjoyed by but few men. He is survived by a son and married daughter. K.

The Late Michael Lynch.

A brief notice of the death of Michael Lynch, Menlo Park, Cal., which occurred May 27, appeared in our issue of June 3. His death was a severe shock to his family and friends, no man in the community being more highly esteemed and respected. He had an eventful and varied career. He was born in Ireland fifty-eight years ago and when a mere lad struck out to make his own way in the world. He went to London, Eng., and for a number of years served in various English gar-



The Late Michael Lynch.

(See obituary, page 879 last issue.)

dens, leaving that country for the United States when he was about twenty-one years of age.

For nearly four years he was employed in various establishments in and around New York, Jersey City, Philadelphia and Syracuse. While in New York, in 1875, he was married, starting on his wedding day for California, and that year saw him in charge of the beautiful gardens of Major Rathbone at Menlo Park. In 1880, James Flood, the financial king, had laid out his magnificent grounds and needed an expert landscape gardener to take charge. He selected Mr. Lynch for the work and while engaged here the latter became known to fame as one of the most skillful of gardeners.

In 1886, Mr. Lynch took charge of the Sherwood Hall Nursery, owned by Timothy Hopkins, where with his usual energy, he raised the concern from small beginnings to one of large proportions, so that when he retired the nursery was furnishing San Francisco with a very large and important part of its flower supply. About fourteen years ago Mr. Lynch began business on his own account and threw his whole soul into the project. Beginning in a small way, he gradually developed until he had one of the largest nurseries in the state, making extensive shipments as far as Denver, Portland and Salt Lake City. From 1892 to 1900 he grew seed sweet peas of the better named kinds for the eastern trade.

During his lifetime, Mr. Lynch drew about him many warm friends who loved him for his goodness of heart, finding in him one who was always ready with a helping hand to assist in any worthy project. Through his long life he made many friends by his uniform amiability, his consistent rectitude in business dealings and his unstinted generosity. His demise will be regretted by every one who had the privilege of his acquaintance.

The funeral cortege was one of the largest ever seen in Menlo Park. Over 100 carriages followed the remains to their last resting place. The floral designs were costly and numerous, show-

ing the high esteem in which the deceased was held. The following old time friends acted as pall bearers: Sidney Clack, Daniel Regan, Joseph R. Doyle, David Tuttle, Thomas McIntyre and Matthew Crowe. A wife and nine children, four sons and five daughters, survive.

Reminiscences of Michael Lynch.

Said a prominent California seedsman and florist: "I have known the coast trade intimately twenty-eight years and think sufficient credit has not been given Michael Lynch for his pioneer efforts in this state.

"I saw the first greenhouse-grown flowers ever offered in the San Francisco market and can tell something of the story of the cut flower business. To Mr. Lynch must be given the credit for bringing into the market the first fine chrysanthemum blooms. He brought the first fine florists' cut sweet peas into the market and he also brought in the first fine asters in quantity.

"The first asters he sold brought \$1 per dozen wholesale. He was also first to grow high-grade Marie Louise violets in quantity, under the big oaks at Menlo Park. He was the first to grow seed of sweet peas, devoting fifty acres to this crop. His Niphotos roses sold at \$1.50 per dozen."

BAY CITY, MICH.—The Detroit & Mackinac railroad has completed the work of setting out 38,000 shrubs at Tawas Beach. The work was done under the supervision of the forestry department of the University of Michigan.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST of the year 1905 is entitled to a five-line WANT ADV. (situations only) free to be used at any time during the year.

Situation Wanted—As assistant florist or landscape gardener by experienced, single German. Box 841, care American Florist.

Situation Wanted—By German, age 40; competent grower of carnations, roses, mums and pot plants; able to take charge. Address Box 344, care American Florist.

Situation Wanted—By competent nursery manager, 25 years' experience. Can work any nursery successfully and make big returns. Box 340, care American Florist.

Situation Wanted—As foreman, rose, carnation and general cut flower grower; prefer near Chicago; will furnish the best recommendations. Address Box 327, care American Florist.

Situation Wanted—First class grower wishes to take full charge of commercial or private place; south preferred; 13 years' experience in growing, decorating and designing. Address P. O. box 555, Abingdon, Va.

Situation Wanted—Practical florist, manager of store. Decorating and design work a specialty. Grower of fine roses, carnations, mums and general stock. Address FLORIST, 47 Miami Ave., Detroit, Mich.

Situation Wanted—By a German florist and gardener; 14 years' experience in all branches; best of references. Chicago place preferred. State full particulars, salary, etc., in first letter. Address Box 342, care American Florist.

Situation Wanted—Gardener, German, 30 years old, no children, 15 years' experience in landscape gardening, greenhouse, fruit and vegetable, wants position as care-taker on gentleman's place, July 1 or later; best of references. Box 333, care American Florist.

Situation Wanted—By Hollander (engaged) representing European firms in bulbs, seeds, nursery stock, etc.; wants position with American firm. References given. Letters stating full particulars. Box 307, care American Florist.

Situation Wanted—By Bohemian (engaged) representing European firms in bulbs, seeds, nursery stock, etc.; speaks Russian and German; wants position with American firm. References given. Letters stating full particulars. Box 339, care American Florist.

Help Wanted—Good all around florist, single. THE F. BLONDELL CO., Oak Park Ill.

Help Wanted—An all around florist. Give references, age, and wages wanted. Address: HINZ & Co., Leavenworth, Kan.

Help Wanted—An all around man, German preferred. State wages wanted without board. O. R. DEMMLER, Eau Claire, Wis.

Help Wanted—At once, a first-class man for greenhouses; pot plants a specialty. Reference required. W. REBN, New Orleans, La.

Help Wanted—A competent florist capable of taking charge of 7,000 feet of glass, retail place; wages \$50 00. F. B. TINKER, Peru, Ind.

Help Wanted—At once, competent man for general greenhouse work. References required. Address J. A. BISSINGER, Lansing, Mich.

Help Wanted—A good all-around man for greenhouse work. House furnished and good wages to the right man. Address Box 657, Grand Island, Neb.

Help Wanted—Competent greenhouse man for retail place of 10,000 feet of glass; must be a worker; wages \$60 00 per month. State particulars. Address SEATTLE FLORAL CO., 4th & Denny Way, Seattle, Wash.

Help Wanted—Good florist, to assist in general greenhouse work; one who can grow carnations and chrysanthemums. State wages and references. Address FRANK BEU, 2780 North Fortieth Ave., Chicago.

Help Wanted—German florist who has been in this country two or three years to work in small nursery and greenhouse summers and take care of fires winter nights; a reliable married man with references. Address LEVANT COLE, Battle Creek, Mich.

For Sale—One set 4-inch carburetor boiler tubes, 12 feet long; bargain. Address Box 343, care American Florist.

For Sale—Growing florists business in town near New York. Will sell cheaper now than in fall. Address Box 338, care American Florist.

For Sale—4 inch cast iron pipe at 6c per foot. One Kroeschell boiler, extra large size, cost over \$500 for \$150. Address HELLER BROS., New Castle, Ind.

For Sale—Five greenhouses, cold frame sash. Stock in good condition, excellent location in city of Interurban and railroad center; a bargain. Reason, death of proprietor. Address Box 334, care American Florist.

For Sale—A good florist business in a western city of 60,000 can be purchased at a great sacrifice. Well established trade and prospects for future bright. Is worth \$1,700, but will dispose of business for \$700 cash. Ill health cause of disposition of business. Box 217, care American Florist.

For Sale—1 good Kroeschell Bros., hot-water boiler, capable of heating 15,000 square feet of glass in good shape, price \$200.00; 1 good Kroeschell Bros., steam boiler 54x16, just taken out, price \$250.00. Reason for selling installing larger boilers. 4-inch greenhouse cast iron pipe and fittings \$8.00 per 100 f. o. b. cars Morton Grove Boilers in service 7 and 8 years. Bargain. POEHLMANN Bros. Co. Morton Grove, Ill.

For Rent—At Frederick, Md., greenhouses 18x63, 12x102, 20x162, boiler room 18x60 equipped with a No. 8 Furman boiler, and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure, labor cheap, city water; no stock on hand. Rent \$300 per annum, half payable in advance every six months. Ill health of owner compelled retirement from successful business; principally vegetables under glass and mushrooms for Washington and New York. HENRY TRAIL, Frederick, Md.

FOR SALE.

A Grand Opportunity for Florist.

A good florist and aquarium business, with necessary tanks and all appurtenances for carrying on the trade. Also greenhouse attached, with stock and fixtures for sale cheap. Good reason for selling. Apply

1109 West Columbia Ave., PHILADELPHIA.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

At Chicago.

The sixth game of the convention tournament series was rolled at Bensingers alleys June 13. The scores follow:

Player.	1st.	2d.	3d.	4th.
Stevens	199	180	136	161
E. Winterson...	101	113	119	132
Kreitling	193	185	165	147
Degnan	190	169	145	135
Bergman	164	165	114	156
Pasternick	168	147	147	145
C. Balluff	132	105	181	186
Hauswirth	157	134	166	163
Asmus	165	150	155	134
Klunder	195	130	120	161
Scott	154	159	140	161
L. Winterson...	113	101	107	82

In the ladies' series the following scores were made:

Player.	1st.	2d.	3d.
Mrs. Asmus	91	96	93
Mrs. Winterson	77	83	119
Mrs. Scott	87	66	72
Mrs. Kreitling	114	109	110
Mrs. Hauswirth	106	113	100

Beating New York.

Edward Bok is the editor of the Ladies' Home Journal, a Philadelphia publication. A recent visit to New York is featured in his journal, and Mr. Bok takes the opportunity to show how wise he can be when turned loose upon the wilds of Manhattan. The cabman, theater box office manager, restaurateur, dealer in antiques, hairdresser and express agent all seem to have stepped down before his judgment as to what was proper in New York. Here is his account of an encounter with a Broadway florist:

I went into a Broadway florist's shop and asked him how much for a bunch of 100 violets.

"Eight dollars," he said.

I told him to fix it up, and then asked to see the proprietor.

The proprietor came and verified his salesman's price.

I explained to him that I knew from whom he got his violets and how much he paid for them, \$2 for the hundred. I argued I would allow him \$1 as his profit and \$1 for his rent, the box in which he put them, which cost him 10 cents, and the ribbon with which he tied the flowers, which cost him about five cents. Four dollars would represent a profit to him of 150 per cent.

"Take them," he said. "You're in the business, I guess."

I paid him \$4.

And to think that he came from the city of brotherly love.

Washington.

QUET MARKET.

Trade has been rather quiet during the past week, as is usually the case after the big days such as Christmas, Easter and Memorial day. Many good customers of the florists have left the city for summer resorts, while the home garden furnishes many bouquets. The deaths of two very prominent citizens, both of whom were men of national reputation, gave large funeral orders to most of the designers. At the funeral of General E. M. Boynton there was a wealth of the choicest flowers in many designs from citizens and organizations, not only of Washington, but from other cities throughout the country.

The funeral of Beriah Wilkins, proprietor of the Washington Post, created an equally large demand for fine designs. Both General Boynton and Mr. Wilkins had been for years actively identified with newspaper work and many beautiful tributes were sent to their funerals by the Gridiron Club, of which both were members, and others of their associates of the press.

FLORISTS' CLUB MEETING.

The regular monthly meeting of the Florists' Club was held on the night of June 6, and was devoted largely to the discussion of plans for the entertainment of visitors to the convention. Superintendent Cooke, of the exposition, reported that space was about all taken. Vice-President Freeman reported that the contract had been let for the printing of the convention souvenirs. Mr. Freeman says that he does not wish to weary anybody, but he thinks that advertisers will do well to take space in the souvenirs.

NOTES.

Miss Ethel Ley is now in full control of the store at Grant Place. Her brothers, who have for some time conducted it under the name of Charles Ley & Brothers, will hereafter devote their attention exclusively to growing and to the wholesale end of the business. Miss Ley has the confidence and good wishes of a host of friends with a good prospect of building up a prosperous business.

Henry Eichholz of Waynesboro, Pa., visited the city the past week and arranged to exhibit a new seedling carnation. Mr. Eichholz says he can grow as good carnations in summer as he can in winter. Will he not show us a way to get as good a price for them in summer as in winter?

J. H. Small & Sons executed a number of fine set pieces for the graves of General Sheridan and other noted dead, besides a great number of wreaths for general decoration. They also executed a large number of fine designs for the Boynton and Wilkins funerals. S. E.

Atlantic City, N. J.

Soldiers in gold lace and military trapping, handsome maids, matrons and cherubs gowned in their prettiest costumes, and more than a solid mile of flowers, the choicest blooms of the florists, were the features of the annual floral parade of roller chairs which fascinated and delighted 30,000 persons June 7. The multitude formed on both sides of the promenade, opening a lane through a wall of people, to permit the chairs, bowers of fragrant blooms, some of which rose ten feet in the air, to pass. Particularly artistic and beautiful chairs, or a pretty maid, won a round of applause. There was no mistaking the delightful impression that the demonstration made. Distinguished among the spectators were the 500 members of the National Hotel Men's Association, who were given seats on the portico of the steeplechase pier. The novelty of the parade to them, as well as to other strangers who saw it for the first time, made them enthusiastic.

The parade started down the boardwalk at 2:30 o'clock and was an hour and a half enroute. It was led by Company L, New Jersey National Guard, 100 men, under command of Captain W. E. Edge and Lieutenants Pennell and Voelker. Chief of Police Eldridge

turned out with two sergeants in the forefront and wore the new Dutch caps adopted by the police department, heavy with gold lace. The head of the pageant passed the judges' stand in front of the steel pier fifteen minutes after the start. The judges were Comptroller A. M. Heston, Mrs. A. B. Endicott, wife of judge A. B. Endicott; Mrs. Theodore Sensenman, Mrs. W. W. Stone, of Atlantic City, and Hugh F. Graham, of Philadelphia. Several bands played lively music for the marchers. The right of way was given to the competitions entered by the hotels, of which there were a long line. They represented the expenditure of a small fortune in fragrant blooms. Sweet peas, roses, carnations and lilies were the popular flowers employed in the decorations.

The Chalfonte had the distinction of entering the prettiest competition. Sweet peas in lilac color and white lilies were used almost exclusively in the trimming. The Hotel Seaside secured the second trophy. American Beauty roses were the prominent flower used. The Hotel Princess secured the third prize with a chair ornamented with azaleas, carnations and ferns. Hotel Rudolf entered a novelty in the form of an automobile built of roller chairs and flowers.

Newport, R. I.

BEDDING PLANTS SELL WELL.

The weather still continues very cool, and although we have had some good rains that have broken the long drought nothing will make any growth until we get some heat. Two days the past week it did not get warmer than 50° at any time. The seed trade which is about over has been the best in years. Our florists are well satisfied with their season's sales of bedding plants, in fact most of them will very shortly be sold out clean. At wholesale geraniums in the best varieties have sold for \$6 per 100 and retailed for \$1 per dozen; verbenas, salvias, stocks, marguerite carnations, asters and other small plants from flats have sold for \$2 per 100, and gone to customers at 40 to 50 cents a dozen. The summer vacation trade in cut flowers has not yet started, and there has only been a few weddings and some little funeral work; but very shortly the best floral business of the year will be going, dinner decorations, dance flowers and the other floral requirements of the fashionable set.

NOTES.

Siebrecht & Son already have their beautiful summer store ready for the coming season. Ralph Armstrong, who has had charge for some years, will this season be assisted by W. E. Day from the New York establishment. Amongst a multitude of desirable specimens we noticed a very good plant of Phoenix Roebelenii, the new palm which is offered at \$75.

Wadley & Smythe have their establishment in the Newport Casino decorated and ready for the summer's business. Their window display of crotons and palms is very elegant indeed.

Leikens has opened his Bellevue avenue floral establishment for the summer season. His store is most tastefully decorated with palms, ferns and other foliage plants.

F. L. Ziegler has had a very good week with tub and vase filling. He also reported the cutflower trade as better than last year at this season. X.

WE OFFER

SUBJECT TO PRIOR SALE

6,000 Maids and 6,000 Brides

In 3-inch Pots,

\$27.50 per 1000.

Weiland & Risch,

Leading Western Growers
and Shippers of Cut Flowers.

59 Wabash Ave., CHICAGO.

Telephone Long Distance Central 879.

American Beauty.		Per doz.
Long.....		\$3.00 to \$4.00
24-inch stem.....		2.50
20-inch stem.....		2.00
15-inch stem.....		1.50
12-inch stem.....		1.00
Short stem, per 100, \$4.00 to \$6.00		
		Per 100
Brides, Bridesmaids.....	\$3.00 to \$	6.00
Kaiserin, Golden Gate.....	4 00 to	8.00
Liberty, Chatenay.....	4 00 to	10.00
Carnations, good.....	1.50 to	2.00
" large and fancy.....		3.00
Peonies.....per doz., 35c to 75c		
Callas.....	3.00 to	4.00
Easter Lilies, per doz., \$1.50 to \$1.75		
Sweet Peas.....	.75 to	1.00
Mignonette.....	.35 to	.75
Marguerites.....		1.00
Shasta Daisies.....		1.50
Asparagus, per string, 25c to 50c		
Asparagus Sprenger.....	3.00 to	4.00
Ferns.....per 1000, \$2.50		
Galax.....per 1000, \$1.25		
Leucothoe.....		1.00
Adiantum.....		1.00
Smilax.....per doz. 1.50 to \$1.75		

SUBJECT TO CHANGE WITHOUT NOTICE.

THE ART OF

Floral..... Arrangement.

The first special newspaper in the world for floral arrangement.

250 ILLUSTRATIONS ANNUALLY.

Specimen number free.
Subscription, \$2.40 yearly.

BINDEKUNST-VERLAG,
J. Olbertz, ERFURT, GERMANY.

Please mention the American Florist when writing.

Cannas

STRONG PLANTS
in 2 1/2 and 3-in. Pots.
Per doz. Per 100

Allemania.....	.75	\$5.00
Burbank.....	.60	5.00
Chas. Henderson.....	.50	4.00
Duke of Marlborough.....	.50	4.00
Flamingo.....	.60	5.00
Italia.....	.75	5.00
J. D. Eisele.....	.75	5.00
Monsieur Jarry Desloges.....	.60	5.00
Milwaukee.....	1.00	8.00
Mlle. Berat.....	.50	4.00
Mme. Louis Druz.....	.60	5.00
Mrs. Kate Gray.....	1.10	8.00
Pres. McKinley.....	.85	7.00
Pennsylvania.....	1.00	8.00
Senateur Viger.....	1.00	8.00
A. Bouvier.....	.60	5.00
Crimson Bedler.....	.75	6.00
Martha Washington.....	1.00	8.00

VAUGHAN'S SEED STORE
84-86 Randolph St., CHICAGO.
14 Barclay St., NEW YORK.

Greenhouses and Nurseries, Western Springs, Ill.
Please mention the American Florist when writing.

CARNATION BLOOMS.

FINE STOCK.

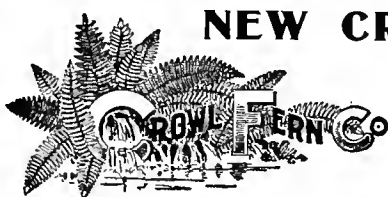
Asparagus Plumosus
Long, heavy strings. Low price.

W. H. WATSON, Lapeer, Mich.
Please mention the American Florist when writing.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the "Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the Horticultural traders; it is also taken by over 1000 of the best continental houses. Annual subscription to cover cost of postage 75c; Money orders payable at Lowdham, Notts.

Address **EDITORS OF THE "H. A."**
Chilwell Nurseries, LOWDHAM, Notts, England.



NEW CROP

Ferns

NOW READY

75 cents per 1000.

GALAX, Brilliant Bronze or Green, 75c per 1000.

Use our **Laurel Festooning** for your June Decorations. It gives the best satisfaction of any decorative green at this time of the year. Sample lot on application. We make it daily, gathered fresh from the woods. Hand made, full sizes, 4c, 5c and 6c per yard. Once used, always used. **Branch Laurel**, 35c per large bundle. **Princess Pine**, by the pound or made into festooning when desired.

CROWL FERN CO., Millington, Mass.

Telegraph Office, NEW SALEM, MASS. Long Distance Telephone Connection.

Please mention the American Florist when writing.

HARDY CUT DAGGER AND FANCY FERNS.



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We also carry a full line of Florists' Supplies such as Tin Foli, Cut Wire, Corrugated Boxes, all sizes, Folding Boxes, Ribbons, all sizes and colors, All Kinds of Letters, Wire Designs, Cyano Leaves, Etc., Etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

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BIRCH BARK in large sheets.

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Tel. No. 1214
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Market. Specialties: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

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WHOLESALE
Cut Flowers
 "THE OLD RELIABLE."
 76 Wabash Ave.,CHICAGO.
Wholesale Flower Markets

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Roses, Beauty, long, per doz.	3.00
" " med. " "	2.00
" " short " "	1.00
" Liberty.....	3.00@ 8.00
" Chatenay.....	4.00@ 6.00
" Bride, Bridesmaid.....	4.00@ 6.00
" Meteor, Golden Gate.....	4.00@ 6.00
" Perle.....	4.00@ 6.00
Carnations.....	1.00@ 3.00
Smilax.....	15.00
Asparagus sprays.....	3.00
Valley.....	3.00
Adiantum.....	1.50
Callas.....	8.00@10.00
Barrisli.....	8.00@10.00
Peonies.....	4.00@ 5.00
Sweet Peas.....	.50@ .75

PITTSBURG, June 14.

Roses, Beauty, specials.....	20.00@5.00
" " extras.....	15.00@18.00
" " No. 1.....	8.00@12.00
" " ordinary.....	2.00@ 5.00
" Bride, Bridesmaid.....	1.00@ 8.00
" Meteor.....	6.00@ 8.00
" Liberties.....	6.00@15.00
" Perle, Chatenay.....	2.00@ 6.00
Carnations.....	1.00@ 3.00
Lily of the valley.....	3.00@ 4.00
Smilax.....	12.00@15.00
Asparagus strings.....	25.00@50.00
Asparagus Sprengeri.....	20.00@30.00
Lilies.....	12.00@15.00
Adiantum.....	.75@ 1.50
Sweet Peas.....	.20@ 1.25
Peonies.....	3.00@ 5.00
Spanish iris.....	5.00

CINCINNATI, June 14.

Roses, Beauty, per doz.....	1.00@ 4.00
" Bride, Bridesmaid.....	3.00@ 6.00
" Liberty.....	4.00@ 8.00
" Meteor, Golden Gate.....	4.00@ 8.00
Carnations.....	1.00@ 3.00
Lily of the valley.....	3.00@ 4.00
Asparagus.....	50.00
Smilax.....	12.50@15.00
Adiantum.....	1.00@ 1.50
Callas.....	8.00@10.00
Asparagus Plumosus and Sprengeri in bunches.....	.35@ per bunch
Harrisli.....	12.50@15.00
Marguerites.....	.35

St. LOUIS, June 14.

Roses, Beauty, long stem.....	2.00@ 3.00
" " medium stem.....	1.00@ 1.50
" " short stem.....	.35@ .75
" Bride, Bridesmaid.....	3.00@ 6.00
" Liberty.....	3.00@ 6.00
Carnations.....	1.50@ 3.00
Smilax.....	12.50@ 15.00
Asparagus Sprengeri.....	1.50@ 3.00
" Plumosus.....	25.00@50.00
Adiantum.....	1.00
Dagger ferns.....	1.25

CLEVELAND, June 14

Roses, Beauty, per doz.....	.50@ 3.00
" Bride, Bridesmaid.....	3.00@ 8.00
" Meteor.....	4.00@10.00
Carnations.....	1.50@ 3.00
Smilax.....	20.00
Asparagus, strings.....	25.00@50.00
" Sprengeri.....	1.00@ 2.00
Common ferns.....	2.00
Sweet peas.....	.50@ 1.00
Peonies.....	.50@ .75

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Grand Rapids, Mich.
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 High-Grade Cut Blooms.
 Carnations, Roses, 'Mums, Violets, Etc.
 Choice American Beauties a Specialty.
 Artistic Designs on Short Notice.
 Good Shipping Facilities to all Michigan
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 —A TRIAL ORDER SOLICITED.—
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No Strike at Cincinnati, O.
 and plenty of Stock.

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**Peonies, Peonies,
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WE CAN ALSO TAKE CARE OF YOUR WANTS IN **Roses, Carnations, Orchids, Sweet Peas, Valley, "Greens," Etc.** **INSIDE CHICAGO MARKET QUOTATIONS.**

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Choice Carnations. Any quantity. Prices very reasonable. Wire or write.

Careful attention given shipping orders.

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Wholesale Flower Markets

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Roses, Beauty, 30 to 36 in. stems	2 00@ 4 00
" " 20 to 24 "	2 00@ 2 50
" " 15 to 18 "	1 50@ 2 00
" " 12 "	.75@ 1 00
" Liberty.....	3 00@10 00
" Chatensy.....	3 00@ 6 00
" Bride, Bridesmaid.....	3 00@ 6 00
" Golden Gate.....	3 00@ 6 00
" Gen'l MacArthur.....	4 00@10 00
Carnations.....	1 00@ 3 00
Valley.....	3 00@ 4 00
Asparagus Plumosus, per string 25 to 30	2 00@5 00
" " sprays	2 00@ 5 00
" Sprengerl.....	2 00@ 5 00
Galax Leaves, Bronze, per 1000	\$1.50 .20
Adiantum.....	.75@ 1 00
Fancy ferns.... per 1000	1 50@ 2 00
Smilax.....	10 00@15 00
Peonies, per doz.....	.25@ .75
Callas.....	8 00@10 00
Sweet Peas.....	.50@ 1 00
Daisies.....	.75@ 1 00
Mignonette.....	4 00@ 8 00

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Extra Select.....	\$ 4 00
30-inch stems.....	3 00
24-inch stems.....	2 50
20-inch stems.....	2 00
15-inch stems.....	1 50
12-inch stems.....	1 25
Short stems.....	\$.75 to 1 00
	Per 100
LIBERTY.....	\$5.00 to 10.00
CHATENAY.....	5.00 to 8.00
MAIDS AND BRIDES.....	4.00 to 6.00
PERLE.....	4.00 to 6.00
UNCLE JOHN.....	4.00 to 8.00
CARNATIONS.....	1 50 to 2 50

All flowers are perfectly fresh and properly packed. No charge for P. & D. on orders over \$5.00.

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All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.
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BRIDE, BRIDESMAID, KAISERIN, CARNOT and LIBERTY, extra large plants, \$15.00 per 100; \$120.00 per 1000.

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AMERICAN BEAUTY, \$6.00 per 100; \$50.00 per 1000.

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Wholesale Florist

402 Pine St., ST. LOUIS, MO.

C. A. KUEHN,
Wholesale Florist,
1122 Pine St., ST. LOUIS, MO.
A Complete Line of Wire Designs.

Wholesale Flower Markets

BOSTON, June 13.

Roses, Beauty, best	12.00@20.00
" " medium	6.00@8.00
" " onils	1.00@2.00
" Bride, Bridesmaid	2.00@4.00
" Extra	6.0@8.00
" Liberty	1.00@8.00
Carnations	.75@1.50
" Fanny	1.00@2.00
Lily of the valley	1.00@1.50
Smilax	12.00@16.00
Adiantum	1.00
Asparagus	35.00@50.00

PHILADELPHIA, June 13

Roses, Tea	3.00@4.00
" extra	6.00@8.00
" Liberty	4.00@15.00
" Queen of Edgely, extra	15.00@25.00
" firsts	10.00@12.00
" Beauty, extra	15.00@25.00
" firsts	10.00@12.00
Carnations	1.50@3.00
Lily of the valley	3.00@4.00
Asparagus	25.00@50.00
Smilax	15.00@20.00
Adiantum	.75@1.50
Gardenias	.12@.15
Mignonette	2.00@3.00
Easter lilies	6.00@8.00
Sweet Peas	.50@.75
Peonies	4.00@8.00

BUFFALO, June 13.

Roses, Beauty	4.00@25.00
" Bride, Bridesmaid, Meteor.	2.00@8.00
Carnations	1.00@3.00
Harrisli	10.00@12.00
Lily of the valley	3.00@4.00
Asparagus, strings	40.00@0.00
Smilax	15.00@20.00
Adiantum	.75@1.50
Lilium Longiflorum	10.00@12.00
Sweet peas	.30@.75
Peonies	3.00@5.00

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Send for weekly price list and prices on large orders.

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FLORISTS' SUPPLIES.

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Wholesale Cut Flowers and Supplies.

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Shippers of choice Cut Flowers and Greens of all kinds. Try us.

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WHOLESALE FLORIST

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" " medium.....	3.00@10.00
" " culls.....	1.00@ 2.00
" " Liberty, best.....	10.00@15.00
" " medium.....	3.00@10.00
" " culls.....	1.00@ 2.00
" " Bride, Bridesmaid, G. Gate.....	.50@ 5.00
" " Kaiserin, Carnot.....	1.50@ 8.00
Carnations.....	.50@ 2.00
" " fancy and novelties.....	2.50
Lily of the valley.....	50@ 3.00
Lilies.....	2.00@ 5.00
Smilax.....	8.00@12.00
Adiantum.....	.50@ 75
Asparagus.....	20.00@50.00
Panicles.....	2.00@ 4.00
Sweet Peas.....	.50@ 1.00

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Will take proper care of your orders in
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Artistic Designs. *****
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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Wholesale Flower Markets

ST. PAUL, June 13.

Roses, Beauty, long, per doz.	4.00
" " med. " ..2.00@	3.00
" " short " ..75@	1.50
" Liberty	3.00@ 8.00
" Chatenay	4.00@ 10.00
" Bride, Bridesmaid	2.00@ 5.00
" Gates and Ivory	3.00@ 5.00
" Perle	2.00@ 4.00
Carnations	1.50@ 3.00
Valley	3.00@ 4.00
Sweet Peas .....	.50@ .75
Harrisii	5.00@ 12.50
Smilax	15.00
Sprengrli	2.00
Adiantum	1.00
Peonies	4.00@ 6.00
Marguerites .....	.75

MINNEAPOLIS, June 13.

Roses, Beauty, long, per doz.	4.50
" " med. " ..2.50@	2.50
" " short " ..50@	.75
" Liberty	3.00@ 8.00
" Chatenay	3.00@ 8.00
" Bride, Bridesmaid	3.00@ 8.00
" Meteor, Golden Gate	3.00@ 8.00
" Perle	3.00@ 8.00
Carnations	2.00@ 3.00
Smilax	15.00 @ 18.00
Asparagus sprays	2.00@ 3.00
Valley	3.00@ 4.00
Adiantum	1.50
Common ferns per 1000	3.00
Callas	12.50

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P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

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THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.

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Cut Flowers, Floral Designs, Decorations.
Telephone 1087. All mail, telegraph or telephone orders promptly and artistically filled.
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Mark Aitken
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378 Main St., Springfield, Mass.
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Carnations, Roses, etc.

Wholesale and retail. Telegraph or phone.
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JACKSONVILLE, FLA.

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ATLANTA FLORAL CO
41 Peachtree Street, ATLANTA, GEORGIA

PEONIES

\$20.00 to \$40.00 per 1000.

CARNATIONS

\$6.00 to \$15.00 per 1000.

Plumosus Strings

\$25.00 per 100.

New Ferns

\$2.00 per 1000.

SEND US YOUR 1000 LOT ORDERS.

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Decoration Day la-
ovar. Fill your
empty houses with
something that
grows into money
while you sleep.

**Araucaria Ex-
celsa** just arrived
per steamer Etruria
May 1, 3.00; May
30, per steamer Ox-
onian, 2.00. Grown
for me under con-
tract by an arau-
caria specialist in
Belgium. I must
say for the benefit
of my customers
that they were
never before so

nice and large for the money as this year. I
herewith quote you special low prices on them for
cash:

- 10 to 12 ins. high, 2 years old, 3 tiers.....\$.50
- 12 to 14 ins. high, 2 years old, 3 to 4 tiers..... .60
- 14 to 16 ins. high, 3 years old, 3 to 4 tiers..... .75
- 18 to 20 ins high, 3 years old, 4 to 5 tiers..... 1.00

Araucaria Compacta Robusta, unusually
large, very beautiful, \$1.25 to \$1.50; **Glaucia**, 75c
to \$1.00 each.

Kentia Fosterlann, 30 to 36 inches high, 4-yr.
old, \$1.00; 4-year old, 25 to 30 inches, 75c. **Bel-
moreana**, 4-year old, 25 to 30 inches high, \$1.00
each. Above is the size entered in the Philadel-
phia custom house.

Don't forget that I am the **Moon Vine** grower
of the land. Only **A. W. Smith's Hybrid
Moon Vines**, (*Ipomoea Noctiflora*) is exclusively
the one I grow and is the only true Moon Vine in
America, as Mr. Smith has the world wide rep-
utation of growing the best Moon Vine seed.
Please bear in mind that this is no Morning Glory
like so many sell for Moon Vines, but the pure
white waxy moon flowers as large as saucers.
2 1/2-inch pots, \$5.00 per 100; 3-in. pots, \$7.00 per
100; 4-in. pots, \$10 per 100. Nicely staked up.

BEDDING PLANTS.

Per 100

- Heliotrope**, 4-in. \$6.00
- Salvia**, Clara Bedman, 4-in. 7.00
- Begonia Vernon**, red and pink, 4-in. 7.00
- Cobaea Scandens**, 4-in. 8.00
- Coleus**, Golden Bedder, Verschaffeltii and
Queen Victoria ... 3.00
- Verbenas and Petunias**..... 3.00
- Asters**, Victoria ... 3.00

Vinca Variegata, **Salvia** and **Begonia
Vernon**, blue **Ageratum**, California
Giant Petunias, 3-in. pots..... 5.00

Tuberous Rooted Begonia, 5-inch pots,
\$2.00 per dozen.

Many thanks to my customers for their liberal
Easter trade. All goods must travel at the pur-
chaser's risk. Cash with order please.

GODFREY ASCHMANN,

Importer and Wholesale Grower of Pot Plants.

1012 Ontario St., PHILADELPHIA, PA.

Please mention the American Florist when writing.



**June Weddings
AND
Graduation Day
SPECIALTIES.**

SEND FOR PRICE LIST IF YOU DID NOT RECEIVE ONE.

ORCHIDS, Fancy Valley, Beauties, Tea Roses, Carnations, Callas, Eas-
ter Lilies, Peonies, Gardenias and all Miscellaneous Stock.
A Large Stock of Asparagus, Adiantum, Common Ferns and all
Decorative Material Always on Hand.

Also a fine line of Novelties in Florists' Supplies.

ALL CUT FLOWERS AT LOWEST CHICAGO QUOTATIONS. If you want the BEST
at any time, or all the time, send to

CHAS. W. McKELLAR,
Long Distance Phone Central 3598
Automatic, 3623. 51 Wabash Ave., CHICAGO

Please mention the American Florist when writing.

ROSES

For immediate removal we offer a limited
number of good, clean, healthy plants at
extremely low prices as we are in need of the
space they occupy.

	Per 100	Per 1000
General MacArthur , 3 1/2-inch.....	\$8.00	\$75.00
Uncle John , 3 1/2-inch.....	3.00	25.00
Uncle John , 2-inch.....	2.00	15.00
Chatenay , 3 1/2-inch.....	3.50	30.00
Bridesmaid , 2-inch.....	2.50	20.00
American Beauty (Bench Plants).....	4.00	35.00

Carnations 100,000 FIELD-GROWN. Our plants being
large we are prepared to book orders now for early
shipment and shall have the following varieties to offer:

- | | | |
|-----------------------|---------------------|-----------------------|
| ENCHANTRESS, | CRUSADER, | TRIUMPH, |
| LAWSON , pink, | FLAMINGO, | MRS. INE, |
| BOSTON MARKET, | HARRY FENN, | FLORA HILL, |
| NELSON FISHER, | ROOSEVELT, | PERU, |
| STELLA, | MRS. NELSON, | GUARDIAN ANGEL |

We shall begin making deliveries the latter part of July at which time our stock
will be in the best possible shape to ship. Prices furnished upon application, also
when writing state when stock is wanted, we guaranteeing all stock to be in AI condition.

J. A. BUDLONG, 37-39 Randolph Street,
CHICAGO.

Please mention the American Florist when writing.

**AMERICAN
FLORIST
ADS**

Always do business
Week days and every day
Sundays and holidays
All over the country
At home and abroad

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas.
Twenty-third annual convention at Alexandria Bay, N. Y., June 20-22, 1905.

NEW YORK.—G. C. Eldering of W. J. Eldering & Son, Overveen, Holland, sailed for home June 14.

TAMPA, FLA.—Crenshaw Brothers have recently moved into their new building, constructed especially for their seed business.

JOHN B. DAVIS, agent for the Goodwin-Harries Company at Sturgeon Bay, Wis., reports too much rain has injured peas in the lowlands, but the crop generally is looking very well.

Santa Clara, Cal.

Jesse B. Agnew has gone to his Kings River mountain ranch for a two months' camping vacation. Visiting seedsmen are cordially invited to climb the rope ladder which hangs over Eagle ledge.

Miss Stella Morse and George Hamilton were married at 7 p. m., June 7. Miss Morse is a sister of Lester Morse, of the C. C. Morse Company.

Newport, R. I.

Miss Marie P. Greene will be married in the near future to C. Bateman Swasey, bookkeeper for the George A. Weaver Company. Miss Greene is George A. Weaver's niece.

On and after June 12, the seed stores here will open at 6:30 a. m. and close at 6:30 p. m. excepting Friday and Saturday evenings when they will be open until 9 and 10 p. m. respectively.

Recent visitors: Mr. Rich, for Joseph Breck & Sons corporation, Boston, Mass.; Mr. Smith, of T. W. Emerson & Company, Boston, Mass.; W. N. Campbell, of Vaughan's Seed Store, Chicago; H. C. Anthony, of Portsmouth, R. I. X.

Pea and Bean Crops.

Wisconsin.—Seeding generally was accomplished under favorable conditions and although the rainfall in this portion of Wisconsin during the month of May was the heaviest for the last twelve or fourteen years, it was distributed throughout the month and with cool weather no damage was done until June 4-6, when the heaviest rainfall for many years made raging torrents of all streams, carrying away culverts, dams, and bridges, and causing great damage and loss. Low lands have been flooded and many pea fields are turning yellow and the crop has been greatly shortened, but to what extent cannot now be determined. Fortunately the weather remains cool and until the excess of moisture has run off or evaporated and normal condi-

tions prevail again, the extent of the damage to the growing pea crop in Wisconsin cannot be predicted with any degree of certainty.

Michigan.—Peas made a bad start on account of dry weather. We had a good rain the last few days which will help them, but we do not look for anything like a full crop. We have had entirely too much rain for beans. The crops of many growers have been washed out of the ground, and the extent of the damage is not yet known. The flood is subsiding.

California Seed Crops.

Sweet peas and radish will be a full crop in California, and so, in fact, are most other items except onions, the first seed stalks of which have in many cases blighted. New heads are coming on, but the lack of good foliage on the plants makes the maturing of plump seed on such stalks doubtful.

The result of the onion seed crop no one can predict at this date. It is claimed that the acreage planted is twenty to twenty-five per cent less than two years ago. In March prospects were good for a big yield, but three different attacks of blight have reduced age is 200 pounds that is all that can be if the average yield on the whole acreage expected.

Nebraska Seed Crops.

One of our well-informed correspondents writes June 10 as follows concerning Nebraska seed crops: "In so far as we are able to ascertain the acreage of sweet corn and vines contracted to be planted this year in Nebraska is about the same as last year. We have the opinion that corn in general, both field and sweet varieties, is, if anything, in a retarded condition of growth as compared with last year at the same date, on account of floods, backward spring season and cold, water-soaked condition of land. Quite a large acreage of sweet corn has had to be replanted, and in a number of cases comprised of late varieties, the acreage has been abandoned for sweet corn purposes and put into early field corn.

"Vine seed crops are now about all planted, and in a number of instances have had to be replanted on account of poor stands, and on account of damage sustained from the depredations of the striped beetle which is causing more trouble than has been the case for the past two or three years. The damage from the striped beetle refers more particularly to the pumpkin and squash crops.

"It is hard at this time to state to what extent the damage will affect the crops, but it is generally considered throughout eastern Nebraska that the prospects are not as favorable as we might wish, and we believe the general yield of sweet corn and vine seeds will be below the usual average."

Seed Crops of Continental Europe.

May 25, 1905.—We are now very busy with the sowing of annual varieties and

transplanting of biennial varieties of seeds, says a correspondent of the Horticultural Advertiser. Leeks, onions, radishes and lettuces were sown some time ago under very good conditions, and most of them are doing well now. Only those kind of radishes which were sown a bit late have suffered on account of heavy rains which we had lately, and made the soil very rough and hard.

I may also mention the difficulty which we had in placing our contracts for radishes this season. The big prices obtained last season for mangels have encouraged our growers in growing more this year than usual, so that radishes have been somewhat set aside. If it were not for the large quantity of radish seeds carried over from last year by most firms no doubt such a thing would have affected prices for next season.

Radishes and lettuces are now being transplanted under most favorable weather conditions. Biennial plants have suffered a little from the very cold weather we had for a few days last winter, and we lately feared that cabbages, turnips, swedes, etc., would be but a poor crop. However, the condition of these have improved these last few weeks, so that a better crop is expected.

A great point with us is the tremendous difficulty we again find in growing dwarf and runner beans. I have already mentioned in this paper that on account of the bad seasons we have had for beans, growers will not touch them any more at any price. Well, this year we find the same evil, and I believe I am not wrong in saying that beans will fetch high prices next season again. Butter beans especially we find impossible to grow; and as these varieties were very dear last year, no doubt they will stand high again next season.

As I already stated in my last report, a great cause of anxiety for the seed growers and merchants will be the onions and leeks. These varieties reached last year such a high price as had not been heard of for years. Now on account of big prices also obtained for the dry onions, a very few have been planted for seed. Under such circumstances, our friends will easily realize what the market will be next season. To give an idea of prices, I lately saw here a big grower of onion seeds who assured me he had lately refused a large order of White Spanish at three shillings per pound for 1905 crop.

Our friends will have to look sharp at the stocks of onions offered now at low prices, as no doubt they are mostly old seeds. Last year's seeds were very good growth, but it was shocking to see the poor stocks sent out by many firms, which took a large profit in mixing up the new seeds with the tremendous quantity of old left over for a few years. I feel certain the same trick will be repeated again next season, but on a smaller scale, as most of the old stocks were sold out last season.

Mangels, half sugar varieties, sold very well last season. Up to this time prospects for next crop are not bad, and prices may fall very much on account of the tremendous acreage planted. The weather is cold here for the season, and we are anxiously looking forward for a bright sun and more heat. May was so rough that in some districts of Anjou many vine trees were much damaged by morning frosts.

Sends Children Government Seeds.

One congressman instead of sending the flower seeds he received from the government this spring to the politicians of his district, distributed them among the principals of the public schools in his home city, and the department is advised that school gardening is receiving three-fold as much attention in that city as it ever received before. Other members followed the example of that congressman, and thus saved the schools a small expense which otherwise would have been incurred in the purchase of seeds.—Chicago Journal.

3,700 ACRES OF GARDEN SEEDS
IN CULTIVATION.

Braslan Seed Growers Co.

Wholesale Seed Growers.

SAN JOSE, CALIFORNIA.

LEONARD

ONION SETS.

Our plantings for the new crop are now completed.

We take orders now for delivery this fall or next spring.

Write for Prices.

SEED

Flower Seeds
and
Bulbs

Wholesale Seed Growers.

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now. Beans, Peas and Garden Seeds. WRITE FOR PRICES.

TURNIP SEED. TIME TO BUY NOW. Get Our Prices.

CO. CHICAGO

VAUGHAN'S SEEDS FOR SUMMER SOWING



10 PER CENT SPECIAL CASH DISCOUNT on orders over \$2.00 for Flower Seeds if the cash is enclosed, 10 per cent. This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent.

Chinese Primulas.		250 Seeds.	1000 Seeds.
Alba, pure white.....		\$.35	\$1.20
Chitwick Red, bright red.....		.50	1.75
Kermesina Splendens, crimson.....		.50	1.75
Atrosanguinea, brightest deep red.....		.50	1.75
Alba Magnifica, snow-white, of excellent form.....		.50	1.70
Glowing Coal, the darkest red.....		.50	1.75
Peach-Blossom, beautiful white with pink hue.....		.50	1.70
Mauve, light soft color.....		.50	1.50
Blue, a clear sky-blue.....		.50	1.70
Upright Deep Velvety Red.....		.50	1.70
Rosea, a bright pink.....		.35	1.20
Bridesmaid, brightest pink.....		.50	1.75
Mont Blanc, large, pure milk-white flowers.....		.50	
Striata, white and lilac striped.....		.35	1.20
Mixed, a splendid variety.....	1/2 oz., \$3.00	.25	1.25
Fern Leaved, white, pink, or all colors mixed.....		.40	1.25

Vaughan's Columbian Cineraria.

It consists of a mixture made up by ourselves of the choicest English, French and German strains. Trade pkt. (1000seeds), 50c; 3 pkts., \$1.25. Trade Pkt. New large flowering Cineraria, "Old Rose".....50c
Cineraria Hybrida, fine large flowering mixed, 500 seeds.....25c
Hybrida Grandiflora Nann, best mixed dwarf.....25c
Hybrida Pleoissima, extra choice mixed, double.....50c
Hybrida Grandiflora, Scarlet Queen.....25c

Gloxinia Hybrida. Vaughan's Columbian Mixture. Pkt. (1000 seeds), 50c; 3 pkts. for \$1.25.

Asparagus Plumosus Nanus, 1000 seeds, \$2.50; 5000 seeds, \$10.00.

Calceolaria Hybrida.

Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties, and we know will give entire satisfaction. Trade pkt. (1000 seeds), 50c; 3 pkts. for \$1.25.

Vaughan's International Primula Mixture.

This mixture is composed of the most salable colors of Single Flowering Chinese Primulas.

Price for International Mixture: Packet of 350 seeds.....\$.50
5 packets, 1,750 seeds.....2.00
Per 1-16 ounce.....2.50

STOCKS. White Perfection or Princess Alice, pure white, Blood-Red, Brilliant Lilac, Pink, each, per pkt., 25c; 1/2 oz., 40c; oz., \$2.50. Mixed, the above colors and others, trade pkt., 20c; 1/2 oz., 35c; oz., \$2.00.

NEW STOCK "QUEEN ALEXANDRA"—Of the same type as Beauty of Nice, with flowers of a delicate rosy lilac, a tint of incomparable beauty, and for cut bloom and bouquet work of high value. A strong center spike about one foot in height is surrounded by numerous side shoots, all carrying beautiful large blossoms. The percentage of doubles is very high. From a summer sowing the plants flower within eight weeks. Pkt., 25c.

BEAUTY OF NICE, Pink, pkt. (250 seeds), 25c. **SNOWFLAKE,** forcing, the earliest Ten Weeks' Stock, 1/2 oz., \$2.00; trade pkt., 50c

VAUGHAN'S SEED STORE, 84 and 86 Randolph St., CHICAGO. 14 Barclay Street, NEW YORK.

Fall Bulbs.

If you will give us your order before June 30, so that we can import your Bulbs with our own, we can furnish you SUPERIOR BULBS AT LOW PRICES. Send us your list and let us quote. Don't delay. You have everything to gain and nothing to lose by taking advantage of this offer to-day.

James Vick's Sons,
ROCHESTER, N. Y.

Pansy Seed New Crop.

The Jennings Strain of finest American grown Pansy Seed now ready. Saved from finest selected stock. Large flowering and fancy colors in great variety. By mail, 1 oz., \$5.00; 3 oz., \$12.00; 1 pkg., 300 seeds, \$1.00; 1 lb. prices on application. Plants ready in September. Cash with order.

E. B. JENNINGS, Lock Box 254, SOUTHPORT, CONN.
GROWER OF THE FINEST PANSIES.

H. N. Bruns

VALLEY Finest Cold Storage Pips.

1409-1411 West Madison Street, CHICAGO, ILL.

THE HORTICULTURAL TRADE JOURNAL.

The largest, brightest, and best advertising medium for the Horticultural Trade in Great Britain, published weekly. Also

THE INTERNATIONAL HORTICULTURAL TRADE JOURNAL.

Published quarterly. Both mailed post free for one year for One Dollar.

— PUBLISHERS: —

THE HORTICULTURAL PRINTING COMPANY,
BURNLEY, ENGLAND.

Wanted

Experienced Traveling Salesman for Garden Seeds to sell South and South western trade principally. Address

P. D. Box 1594, Philadelphia, Pa.

Dutch Bulbs

Special quotations on receipt of quantities required.

FRANKEN BROS., Lake Forest, Ill.

PANSIES

SWEET SCENTED LARGE SPOTTED GIANTS

A new giant-flowered race, most brilliant colors, flowers up to 2 1/4 inches in diameter, best for beds and cut flower work. 1000 seeds, 25c; 1/2 oz., 75c; 3/4 oz., \$5.00.

WIEGELT'S GIANT-FLOWERED

ELITE MIXTURE

Composed only of Giant Trimardeau, Caasier, Bugnot and Germania. 1000 seeds, 20c; 1/2 oz., 50c; 3/4 oz., \$3.75

For \$1.00 we will send 10 packets of our largest giant-flowering sorts free to the U. S. for trial. Terms: Cash with order. Catalogues free on request.

WIEGELT & CO.,

Specialty Seed Growers,
Erfurt, Germany

A Trial Order Will Be Sufficient to Make You a Permanent Customer.

SUCCESSFUL SELLERS.....

are the Successful growers who advertise in

THE AMERICAN FLORIST.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June 14-16, 1905.

JAMES McHUTCHISON, of McHutchison & Company, New York, called on the trade of Chicago and nearby points last week enroute to the nurserymen's convention.

St. Louis.

STOCK OF POOR QUALITY.

The market this week has not been very encouraging, flowers being very plentiful, but of inferior quality. The heat has told on all kinds of stock. Carnations arrive sleepy and do not keep any length of time, though a few good quality blooms are bringing 1½ cents. Roses, especially good stock, are very scarce; American Beauty are hard to get, especially long stemmed blooms. A few of the extra good Kaiserin brought 6 and 8 cents. Sweet peas are a glut, and the stems are getting shorter, 1 cent per bunch being the price in large quantities. Fancy and dagger ferns are selling well. Some fine candelum lilies are in the market and are bringing 10 cents per stem. Corn flowers are now in and daisies are moving slowly. A few weddings and graduation day exercises next week may help to move the stock.

FLORISTS' CLUB MEETING.

The meeting of the St. Louis Florists' Club was held June 8 at the greenhouses of J. Steidle in the country, with C. Juengel in the chair. Otto Koenig read the report of the finance committee regarding the flower show in November. A rate of one and one-third fare for the round trip has been secured to the convention at Washington, D. C., in August.

NOTES.

Grimm & Gorley had a pretty decoration at their downtown store, at 517 Olive street, including a special collection of Crimson Rambler roses. They also had a boat made of natural flowers and a white and red car with the German and American flags.

Edward L. Loyet has a very pretty store at 918 North Kings Highway, at the corner of the Suburban track. This is a very important corner, and Mr. Loyet is doing a first-class trade.

Mr. Miller, who succeeded John Burke at 1045 Grand avenue, is doing a good trade. He has a pretty ice cream parlor and soda fountain in conjunction with his flower store.

George Waldbart had the decorations June 9 for the graduating exercises at the Mary Institute. Yellow roses were the class colors.

Otto Bentzen has a large decoration on for June 16, and 100 bouquets of daisies for a high school commencement.

Riessen Floral Company report trade as very good for this time of year.

C. A. Kuehn has received during the week some extra fine carnations.

The first of the band concerts was given at Forest park June 10.

Diemer Floral Company reports trade as fair.

Visitors: E. W. Guy and W. L. Hucke, of Belleville, Ill.; J. F. Ammann, of Edwardsville, Ill. W. F.

Cleveland.

MARKET SLUMPS.

Business generally has not been as good the past week as it was before and after Memorial day and there is a glut in nearly all lines. Carnations and roses are selling on the streets for 25 cents per dozen. Good stock commands a fair price with not any too much to go around. Peonies are in abundance, good bad and indifferent; Festiva maxima seems to hold the boards as a seller. Roses are deteriorating in quality, especially Bride and Bridesmaid.

NOTES.

This firm had another elaborate dinner decoration given by a Mr. Allen upon the departure of two young lady friends for Europe. The dinner table represented a horseshoe, the guests sitting on the outside of the shoe. The table was decorated with five imitation ocean steamboats three feet long. Asparagus Sprengeri was placed in such a manner as to represent the waves of the ocean and twelve small sail boats were scattered over the table. The walls were draped with asparagus and banked with palms. This was conceded to be one of the most unique decorations ever seen in this city.

The leading event of the season was the McCurdy-McBride wedding which took place last week, Smith & Fetters having the decoration. The church decoration was magnificent; thousands of peonies being used. The dome was covered entirely with peonies and asparagus and the walls were also draped in the same fashion, the altar railing represented a shower of deutzia flowers, and standards of peonies were placed at intervals around the outside aisle. An arch of the same flowers covered the center aisle leading to the altar.

F. R. Williams and Company are sending in extra fine Kaiserin and the Essex greenhouses are shipping in some fine American Beauty. ECHO.

Portland, Ore.

ROSE DAY AT THE FAIR.

The most gorgeous display of roses ever seen in this, the rose city, or on the Pacific coast, took place on rose day, June 3, in the Auditorium building on the Lewis and Clark exposition grounds. It is estimated that at least 400,000 roses were used in the decorations. The exhibition was under the management of a committee composed of W. S. Sibson, chairman, Mrs. G. H. Lamberson, F. V. Holman, Mrs. Benjamin Killin and James Green. The stage in the Auditorium was hidden by the frame of an Italian pergola, the columns of which were nearly thirty feet high draped in smilax and roses.

The exhibits consisted of twenty-four amateur and a number of professional displays, beside the various tables of specimens not entered for competition. The awards were announced as follows: Professionals—Clarke Brothers, first; Martin & Forbes, second; George Otten, third; F. H. Lind, fourth. Amateur—F. V. Holman, first; Fred Matthews, second; Mrs. Herbert Holman, third; Mrs. G. D. Green, fourth.

While winning second prize, no exhibit brought out more favorable comment than the exhibit of Martin & Forbes. This occupied the center of the

stage, and but for the fact that it could not be included entirely with one sweep of the eye, would undoubtedly have given the winner a closer race for the premier award.

The feature of this display was an immense bunch of 500 or more Kaiserin roses. Carnations, peonies, lilies and sweet peas displayed against a background of palms and ferns completed the exhibit. The centerpiece consisted of the Lewis and Clark flag executed in red and white carnations, bluets and yellow roses.

Montreal.

The following resolution was passed by the Montreal Gardeners' and Florists' Club at its monthly meeting June 5:

Resolved, That whereas on May 6 there appeared in the Florists' Exchange a letter from a florist in this city, commenting on the paper "Impressions on Canadian Horticulture," read before this club, and whereas said comments cast a serious reflection on the intelligence of this club, therefore

Be it Resolved, That this club is of the unanimous opinion that the comments from the said florist were emphatically uncalled for and untrue, and that a copy of this resolution be sent to the trade papers requesting that same be published. LUCK.

Richmond, Ind.

The Florists' Association of Indiana held its monthly meeting in this city June 6. The members were the guests of the E. G. Hill Company and other local florists. No business was transacted, the meeting being merely called to order and adjourned. The members spent the day at Cedar Springs, returning to Richmond in the evening. The following composed the party: Fred and E. Hukriede, E. Bertermann, E. A. Nelson, F. H. Harrit, Sidney Smith, John Hartje, J. Grande, K. Glaubke, H. D. Schilling, Martin Nelson, W. Hack, J. B. Hatfield, K. Sonnenschmidt, and A. Schreiber, all of Indianapolis; G. R. Gause, J. Hill, E. Ruch, Fred Lemon, George Fulle, J. M. Gift, John Evans and V. D. Graves, of this city.

Columbus, O.

Columbus, Ohio, June 10, 1905.

Miller and Davey are now planting roses in their new range of houses and expect to be among the first to cut from new stock. Roses and carnations have never looked better at this time of year in this locality and, strange to say, in spite of so much damp weather there is but little mildew to be found. The club met at Olentangy Park June 5, where they have chartered the bowling alleys. They have established a record for themselves and it will not be long before they will be able to challenge any crack bowling team of this state.

Greenhouses about Columbus are pretty well cleaned out, some of the growers complaining of not even having enough left to supply stock for next season. CARL.

HAVERHILL, MASS.—There was a general scarcity of flowers for Memorial day, some of the local florists being obliged to refuse orders. The season is so late that outdoor stock is not yet well advanced.

Baby Rambler

The Always in Bloom Rose. 2½-in., \$2.50 per doz., \$15.00 per 100, \$125.00 per 1000; 3-in., \$3.50 per doz., \$25.00 per 100; 4-in., \$5.00 per doz.

CHOICE VARIETIES OF

Everblooming Roses

\$3.00 per 100 in quantity; some new varieties higher. Extra good 2½-in. plants.

Genista Fragrans.

2½-in., at 75c per doz., \$5.00 per 100.

THE CONARD & JONES CO.,
WEST GROVE, PA.

Please mention the American Florist when writing.

Jacs Smits, Ltd. NAARDEN. (Holland.)
(BRANCH AT BOSKOP.)

Wholesale Growers of Hardy, Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilies a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries. NAARDEN-BUSSUM, near Amsterdam, is our R. R. Depot. Mailing address during April and May: JACS SMITS, care MALTUS & WARE, 136 Water Street, New York City.

PEONIES.

Wholesale and retail catalogues ready for distribution. Sent free on application. All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.

PETERSON NURSERY,
503 W. Peterson Ave., CHICAGO.

Cottage Gardens Co. Inc.

QUEENS, LONG ISLAND, N. Y.

SPECIALISTS:

PEONIES, CARNATIONS AND SPECIMEN NURSERY STOCK

Please mention the American Florist when writing.

EVERGREENS

Large Assortment.

Specialties—White Pine, Hemlock and Large Evergreens. Spring List for details

Andorra Nurseries,

Wm. Warner Harper, Prop. CHESTNUT HILL, PA.

BABY RAMBLER.

Everblooming Dwarf Crimson Rambler.

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Surplus stock of Standard varieties of Everblooming Bedding Roses, at prices that will close them out. Strong healthy stock from 2½-in. pots, to include

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STRICTLY FIRST-CLASS STOCK. OWN ROOTS.

De Brabant, Ivory, Meteor, The Bride,	Philadelphia Rambler, White Rambler, Clothilde Soupert, Etoile de Lyon, From 2½-inch pots, \$2.25 per 100; \$19.00 per 1000.	Marmalade, White Maman, Duchess of Albany, Helen Gould, From 2½-inch pots, \$2.25 per 100; \$19.00 per 1000.	Malmalson, Pink Rambler, Yellow Rambler, Hermosa, Kaiserin Aug. Victoria, Sunrise.
Crimson Rambler, La France, Mme. Chas. Wood,	Perle des Jardins, Vick's Caprice, Capt. Christy, From 2½-inch pots, \$3.00 per 100; \$25.00 per 1000.	Gen. Jacqueminot, P. C. de Rohan, Mme. Plantier,	

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New Dahlias of Proved Merit.

Embracing a complete set of 12 New Century Dahlias; 25 New Cactus Dahlias; New Collette Dahlias; New Giant-Flowered Dahlias; New Fancy Dahlias; New Decorative Dahlias; New Show Dahlias; New Single Dahlias. In all, 38 of the most wonderful Single Dahlias ever produced, and 44 of the grandest Double Dahlias.

All exquisite in form, shape and coloring; free bloomers and Money Makers. Faithfully and truthfully described in our new illustrated descriptive catalogue, mailed free upon request.

L. K. PEACOCK, Inc., Atco, N. J.

AN EXTRA FINE LOT OF ROSES IN

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READY TO PLANT OUT. Write

GEO. A. KUHL, Pekin, Ill.

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For } Trees, Shrubs, Vines
Your } and Small Fruits.

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THE WM. H. MOON CO.
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A FEW GOOD THINGS YOU NEED.

Roses for forcing and outdoor planting. Rhododendrons for forcing and outdoor planting. Clematis in leading varieties. Hydrangeas P. G. in all sizes. Boxwood in different sizes. Azelea Mollis very cheap. Lilac for forcing and field-grown stock. Dutzle Gracilis, strong plants at a bargain, and other good things for Nurserymen and Florists; very reasonable prices. Wholesale catalogue mailed free upon application.
W. VAN KLEEF & SONS, Boskoop, Holland,
Wholesale Growers of Nursery Stock.

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The only line running Free Chair Cars between Chicago and New York.

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YOU CAN PLANT AT ANY TIME.

Hardy Roses from 4 and 5-in. pots, fine, strong plants—Crimson and Yellow Rambler, Gen. Jac. Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c. Large flowered Clematis, finest—purple, white, lavender, pink sorts, 4 and 5-inch, 18c; 1-year, from 3-in., 9c. Clematis Panticulata, from 3½ in. at 10c. Ampelopsis Veitchii, from 4-inch, 12c. Hardy Pblox, finest named, 4-inch, 10c. Golden Glow, 4-inch, 10c. Packing free for cash. W. H. Salter, Rochester, N. Y.

Please mention the American Florist when writing.

Nashville.

Decoration day was a busy one for the florists, it also being commencement day at Ward's Seminary, one of the largest in the city, but it was the latter, rather than the holiday, that created the demand. One florist was compelled to close his doors, so great was the demand and so many his orders. Roses of all kinds, carnations, sweet peas and lilies were alike popular, but all were overshadowed by the profusion of American Beauty. The series of school commencements and graduation exercises have made the floral trade very brisk for the past two weeks, and every kind of cut flower has been in demand. The two decoration days, May 31 and June 3, called for but few flowers over the florists' counters, those decorating the graves of fallen heroes depending upon their own gardens or those of their friends. The late frost cut short the crop of peonies and candidum lilies, both of which are ordinarily abundant in this locality.

All bedding has been completed and preparations made for our usually long, hot summer months. The florists' windows begin to take on their summer aspect, for outside of funeral work there will be very little doing until the early fall. Sweet peas are abundant and popular for many purposes.

M. C. D.

St. Paul.

Spring trade was the best ever experienced here. Everybody is well sold out and the orders left are hard to fill. Some of the craft report business double that of last year. Cut flower trade has been even better especially out of town business. Decoration day trade was above the average despite the outdoor flowers, which were in full bloom.

Frank Gustafson has charge now of the place formerly run by Chris Hansen. He is cutting a fine crop of roses.

Ludvig Anderson, who has had charge of Holm & Olson's place, has taken charge of L. L. May & Company's houses as foreman.

N. C. Hansen is cutting some magnificent sweet peas.

WATERLOO, IA.—Two additions, 20x125 and 21x150 feet are to be made to the Sherwood greenhouses about July 1.

CHRYSANTHEMUMS.

Fine, Strong Plants, \$2.00 per 100.

Chadwick, Golden Chadwick, Robinson, Bonaffon, Morel, Intensity, Maud Dean, Shrimpton, Monrovia.

HOYT BROS., 807 Riverside Ave., SPOKANE, WASH.

Kaiserin Roses

Strong, healthy stock, 4-inch, 8c.; 3-inch, 3½c. Old stock, Brides and Maids, 3c each. Write for prices on large lots.

MRS. A. M. SCHAFER, 229 Balmoral Av., CHICAGO.

We are HEADQUARTERS for all kinds of Exotics, Choice Flowering and Foliage Plants.

Palms, Dracaenas, Crotons, Heliconias, Stove Climbers, Orchids.

Apply for our Catalogue.

JULIUS ROEHRS CO., Rutherford, N. J.

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Field grown in following kinds: Giant Comet, mixed; Semple's white, pink, purple and lavender. 40c. per 100. \$3.50 per 100.

CABBAGE, field grown, nice stock, to cluse nut, 75c. per 1000, the following kinds, express, Wakefield and Allhead. This is a bargain if you can use them. Cash.

BYER FLORAL CO., Shippensburg, Pa.

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BOSTON FERNS

PALMS, DRACAENAS, CERANIUMS, COLEUS, and general bedding stock in large quantities. Write for prices. Cash or satisfactory references.

L. H. Foster Estate, 45 King St., DORCHESTER, MASS

GOOD STOCK CHEAP TO MAKE ROOM

Geraniums, in 4-inch, such as Nutt, double white, double pink, 4c.
 Heliotrope, 3½-inch, purple, 2c.
 Salvia splendens, 4-inch, 4c.
 Ageratum, Pauline, 2½-inch, 1½c.
 Double Petunia, 3 and 4-inch, 4c.
 Coleus, 2½-inch, 1½c.
 Send order quick, stock good, but want room.

J. A. KEENEY, MONONCAHELA, PA.

BEDDING STOCK

	2½-in.	3 in.	4-in.
Geraniums, white, pink, red and salmon	\$3.00	\$5.00	\$ 8.00
Petunias	2.50	5.00	
Salvias	2.10		
Ageratum	2.00	4.00	
Sw. Alyssum	2.00		
S. L. Geraniums	3.00	5.00	
Fuchsias	3.50	5.00	8.00
Lobelia	2.00		
Marguerites	2.50		
Begonias		8.00	10.00
Plumosus, 2-in.	\$3.50 and \$5.00		
" 3-in.	5.00 and 8.00		
"			15.00
Sprengeri	2.50	5.00	10.00
Small Ferns		6.00	

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

Palms and Asparagus CHEAP.

	Per 100
Latania Bor., 2-in. pot, seed leaves	\$ 3.00
" " 3-in. pot, 15-18 in., 3 chr. lvs.	12.00
" " 5-in. pot, 18-20 in., 3-4 chr. lvs.	15.00
" " 5-in. pot, 20-24 in., 4 chr. lvs.	20.00
Kentia Bel., 2½-in. pot, 6- 8 in., 2-3 leaves	10.00
" " 3 -in. pot, 8-10 in., 3-4 leaves	12.50
Asparagus Plumosus Nanus, 2-inch	2.50
" " " 3-inch	5.00

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...Directory OF PRICE, \$2.00.

Wm. P. Craig Importer and Exporter.....

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HALF PRICE.—Salvia Splendens and Boufire, extra strong, 2, 3 and 4- n., \$1.00, \$1.50 and \$2.00 per 100. Verbenas, 2 and 3-in., blooming, 75c and \$1.50 per 100 Coleus, Verschaffeltii, yellow and mixed, Alternantheras, red and yellow, Ageratum, Lobelia, strong, 2½-in., \$1.25 per 100. Begonia Vernon, mixed and separate, strong, 2 and 3-in., \$1.50 and \$2.50 per 100. Petunias, fine fringed, 3-in., blooming, \$1.50 per 100. Cannas, French, mixed, strong, 4-in., \$3.00 per 100. Geraniums, D. Grant, Ricard, Poltevine, Nutt, 3-in., \$3.00; 4-in., \$5.00 per 100. **WM. S. HERZOG, Morris Plains, N. J.**

GOOD ROSE STOCK NOT REJECTS OR CULLS.

Strong, Well Grown Plants. — 2-½-in. 3-in. Brides and Maids, per 100..... \$2.50 \$4.00 Gates and Ivory, per 100..... 2.50 4.00 Metens and Hermosa..... 3.00 5.00

BOSTON FERNS.

2½-in., \$3.50; 3-in., \$8.00; 3½-in., \$10.00; 4-in., \$12.00; 5-in., \$25.00; 6-in., \$40.00 and 7-in., \$60.00 per 100. Ready to retail now at a fine profit.

Geraniums, 3-in., \$5.00 per 100. Coleus, beautiful collection, \$2.00 per 100. **W. H. GULLETT & SONS, Lincoln, Ill.**

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Salvia Splendens...

IN FOUR POPULAR VARIETIES. Excellent stock, strong, should be planted at once. From 2½-inch pots, \$2.00 per 100.

SALVIA AUDUBON—Bright green, heavily blotted with yellow; scarlet flowers. From 2½-inch pots, \$4.00 per 100.

NATHAN SMITH & SON, Adrian, Mich.

Chrysanthemums.

New and Standard Varieties. Fine plants, now ready. 2½-inch pots.

Write for List and Prices.

H. WEBER & SONS, OAKLAND, MD.

ROOTED CUTTINGS OF CHRYSANTHEMUMS

Opah, October Sunshine, Mme. Bergman, Willowbrook, Robinson, Major Bonaffon and Ivory, all at \$10.00 per 1000.

VIOLETS, from 2-inch pots, Princess of Wales and Dorsett, single; Marie Louise and Lady Campbell, double, all at \$2.50 per 100; \$20.00 per 1000.

ELI CROSS, Grand Rapids, Mich.

FLORISTS OF SEEDSMEN NURSERYMEN

LOOKING FOR A BUYER JUST ABOUT NOW.

For \$5.00 I will send you 100 assorted **CHRYSANTHEMUMS** of the very finest kinds, including Cheltoni, Guy Hamilton, W. Duckham, Donald McLeod, and many others.

Why not write me? I can save you money on **CHRYSANTHEMUMS.** **CHARLES H. TOTTY, Madison, N. J.**

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SPEAK QUICK.

2,000 fine strong **Carnation Plants** from flats hardened off outside ready to plant Queen Louise, \$20.00 per 1000; Jnoast, \$15.00 per 1000; Prosperity, \$2.00 per 100; 100 and over at 1000 rates.

1000 fine **Potted Cannas** well established, of best bedding sorts, \$1.00 per doz. or \$6.00 per 100. Shenandoah and David Harum, best bronze; Crim-son Bedder, Mme Crozy, F. Vaughan, Pennsylvania, Chas. Henderson, Duke Marlborough, Souv. de Antoine Crozy, Rosemaur, pink, Alsace and Gloriosa, 2 1/2 feet, gilt edge from outside row. Dor-mant Cannas not named, all colors, \$1.50 per 100. Seed for Lists. Cash or C. O. D.

BENJAMIN CONNELL, WEST GROVE, PA.

\$1.50 per 100 All strong 2-inch pot stock, lots of it in bloom.

Rooted Cuttings, prepaid.	Rooted 2-in. Cuttings, plants Per 100	Per 100
Ageratum, Pauline, Gurney.....	.....	\$1.50
Salvia, Bonfire.....	.....	.75
Fuchsia, 5 kinds: Paris Daley, white	.....	1.50
Alternanthera, red.....	.....	.50
Stevia Variegata.....	.....	1.50
Coleus 12 best bedders	1000	\$4.00 .60
Dbl. Alyssum, Giant, white.....	.....	1.50
Roses, Ivory, Golden Gate.....	.....	2.00
Smilax.....	.....	1.25
Smilax Seedlings, 30c per 100; Golden Feverfew, 2-in., \$1.50 per 100.	.....	.....
Asters Simple's, white, pink, crimson, lavender and purple \$3.00 per 1000.	.....	.....

Cash. Direct all orders plainly to

BYER BROS., Chambersburg, Pa.

ROSES We Grow Over 100,000 Annually.

Variety.	2x2 1/2-in.	2 1/4 x 3-in.	3x3-in.
Brides	\$2.50	\$3.50	\$5.00
Bridesmaids	2.50	3.50	5.00
Golden Gate	2.50	3.50	5.00
Ivory	2.50	3.50	5.00
Meteors	3.00	4.00	6.00
Souv. de Wootton	3.00	4.50	6.00
Kaiserin Aug. Victoria	3.00	4.50	6.00
Perle des Jardins	3.00	4.50	6.00
Belle Siebrecht	3.50	4.50	7.50
La France	3.50	4.50	7.50
President Carnot	3.50	4.50	7.50
Gen MacArthur	6.00	7.50	12.50
La Detroit	6.00	7.50	12.50
American Beauties	6.00	8.00	12.50

Get your order in early and we will ship when wanted. Write for list of Chrysanthemums.

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NEPHROLEPIS PIERSONI ELEGANTISSIMA

Grand stock—in all sizes. Very popular in New York and all the large cities.

Unprecedented Sale of Large Specimens.

A splendid investment to plant NOW for the fall trade. Prices from 75c each; \$9.00 per dozen; \$50.00 per 100, up to \$20.00, \$3.00, \$5.00, \$7.50 each. Satisfaction guaranteed.

F. R. PIERSON CO., Tarrytown, N. Y.

Asparagus Plumosus.

Nice stock from 2-in. pots, \$2.25 per 100; \$20.00 per 1000; not less than 500 at 1000 rates.

W. W. GOLES, Kokomo, Ind.

GERANIUMS \$10.00 and \$12.50 per 1000.

Three acres planted for stock. Rooted Cuttings in any quantity after September 1.

I will guarantee them to reach you in good growing condition, and would like to book your order now. Send for list.

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Fine plants, 2 1/2-inch pots..... \$1.25
Aspidistra Var...... 7-in. pots, \$1.00 each
Pansy Seed, July \$4.00 per oz.

CASH or C. O. D. **JOS. H. CUNNINGHAM, Delaware, Ohio.**

A FEW GOOD THINGS YOU WANT.

DRACAENA INDIVISA, 3, 4, 5-inch, \$5.00, \$10.00 and \$25.00 per 100.
ASPARAGUS PLUMOSUS, 3-inch, \$5.00 per 100.
ASPARAGUS SPRENGERI, 2 and 3-in., \$3.00 and \$5.00 per 100.
GERANIUMS, S. A. Nutt, Castellane, John Doyle, Perkins, Single and Double, Gen. Grant, La Favorite, Mme. Sallerol, 2-in. pots, \$2.50 per 100; 3-in., \$5.00 per 100.
VINCA VARIEGATA, 2 and 3-inch, \$2.00 and \$4.00 per 100.
SCARLET SAGE, LOBELIA, VERBENA, HELIOTROPE, Double and Single PETUNIA, COLEUS, red and yellow, AGERATUM, blue, ALTERNANThERA, red and yellow, 2-in. pots, \$2.00 per 100.
CANNAS, 3-in. pots, red, yellow and variegated, \$5.00 per 100.
BOSTON FERNS, 5-inch, 30c each.
A nice lot of **MADE-UP KENTIA PALMS, in 8-in. and 9-in. pots, at \$3.00 to \$5.00 each.** Splendid plants for decoration.

CASH WITH ORDER.

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Seasonable Stock. IN EASTER LILIES, HYDRANGEAS, GENISTAS, SPIRAEA GLADSTONE, RHODODENDRONS.

Palms, Ferns and Decorative Stock.

R. DREYER, WOODSIDE, L. I., N. Y.

Cyclamen Giganteum.

Our well known strain in separate colors. Fine, strong, healthy plants; 2 1/2-inch, \$5.00 per 100; 3-inch, \$8.00 per 100. Satisfaction guaranteed.

LEHNIG & WINNEFELD HACKENSACK, N. J.

GRAND RAPIDS VIOLET STOCK.

Imperial, M. Louise and Princess of Wales, 2 1/2-inch pots, \$3.00 per 100; \$25.00 per 1000.	per 100
Alyssum, dbl., 2-inch	\$ 3.00
Lobelia, trailing, 2-inch	3.00
Centaurea, 2 inch	3.00
Mme. Sallerol, 2-inch	3.00
Salvia, 4-inch	6.00
Marguerites, 4-inch	6.00
Dracena Indivisa 3-inch	10.00

CRABB & HUNTER, Grand Rapids, Mich.

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SPECIALTIES

ROSES, from 3-inch pots, In Best Varieties
CARNATIONS, for fall delivery.
CHRYSANTHEMUMS, SMILAX, VIOLETS.

Prices Low. Send for List.

WOOD BROTHERS, Fishkill, N. Y.

Please mention the American Florist when writing.

GERANIUMS and BEDDING PLANTS,

To clean up the balance of about 8,000 Geraniums, Salvia, Vinca, Feverfew and Ten-week Stocks, all in very fine condition, at \$5.00 per 100, all to 4-inch pots.

JOSEPH P. HAUCK, Carrick, Pa.

Asparagus

Plumosus Nanus, 2 1/2-in. pots..... \$2.00
Sprengeri, 2 1/2-in. pots..... 2.00
Primroses, Chinese, Obconica and Forbesi July 10..... 2.00

CASH or C. O. D. **JOS. H. CUNNINGHAM, Delaware, Ohio.**

LUDVIG MOSBAEK, ONARGA, ILL.

20,000 **Alternantheras, red and yellow, 2 1/2-in. R. C.** \$3.00 per 100..... \$1.50
50,000 **Asparagus, Plumosus and Sprengeri 3-inch**..... \$5.00..... 2.50
8,000 **Coleus, standard varieties**..... 1.50
30,000 **Smilax, 2 1/2-in., \$15.00 per 1000**..... 2.00
5,000 **Umbrella Plants, 4-in., \$6.00 per 100**.. 2.50
10,000 **Vinca, 2 1/2-in. very strong \$2.50**..... 1.50
5,000, or 0 **Celery Plants, \$1.00 per 1000; trans. planted, \$2.00 per 1000.**

All other Bedding and Vegetable Plants. Price List Mailed Free.

Please mention the American Florist when writing.

Chicago Carnation Co.
JOLIET, ILL.

Our plants are now in the field.
Write us for Fall delivery.

Please mention the American Florist when writing.

The Beautiful Pink Carnation

CANDACE

\$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Dissemination 1906. Early commercial.

INDIANAPOLIS FLOWER & PLANT CO., Indianapolis, JOHN HARTJE..... Ind.

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Poinsettias

July and August Delivery. Fine, Stocky Plants.
From 2 1/2-inch pots..... \$6.00 per 100
From 3-inch pots..... 8.00 per 100
Cash or satisfactory references.

Baur Floral Co., Erie, Pa.

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AMERICAN FLORIST CO.
324 DEARBORN STREET,
CHICAGO, ILL.

Louisville.

STOCK DETERIORATES.

The previous week being commencement week naturally caused quite a demand for flowers of various kinds. Roses continue to hold their own. Carnations have been coming down greatly in quality as well as quantity, and the demand has also fallen off. Peonies haven't been handled much recently, owing to the fact that they are not up to the required standard. Sweet peas seem to be the favorites now, and have been selling especially well, the quality being A1. Lilies have sold very satisfactorily the past week, and are obtainable in good quantities. Some good candytuft also moved easily. Smilax and other greens are very scarce.

NOTES.

A. E. Koenig, formerly foreman for Charles W. Reimers, and later with Henry Fuchs, gave up that position about three or four weeks ago and has accepted one with Joy & Son Company, of Nashville, Tenn., as foreman. The community loses a good man in Mr. Koenig, and it is hoped that he will meet with much success in his new location.

Mrs. C. B. Thompson has been displaying some good candidum lilies.

Visitor: James B. O'Neil, of Vaughan's Seed Store, Chicago.

F. L. S.

Denver.

Decoration day trade was very fine this season, much better, in fact, than in previous years. There was plenty of stock on the market and it sold well at good prices.

George Brinker is going to build an addition to his plant. He now has 20,000 square feet of glass and will add 7,000 this summer.

FRANKLIN, IND.—The last meeting of the Johnson County Horticultural Society was held at the fair grounds, June 3.

NORTH TONAWANDA, N. Y.—The grounds surrounding the depot have been planted with a choice stock of plants furnished by the railroad company.

FREEMONT, L. I.—Three of the greenhouses of Rev. Charles Edwards, of Roosevelt, were entered during the night of June 3 and nearly \$1,000 worth of stock destroyed.

BEDDING STOCK

SPECIAL OFFER TO CLEAR.

	Per 100	Per 1000
Geraniums, assorted vars., 4-inch	\$8.00	\$75.00
Alternanthera, red, green, yellow	2.25	20.00
Echeveria, fine 2½-inch	2.25	20.00
Santolina, fine 2½-inch	2.25	20.00
Sweet Alyssum, fine 2½-inch	2.25	20.00
Coleus, 2½-inch, 8 varieties	2.25	20.00
Coleus, 3-inch, 8 varieties	4.00	35.00
Lobelia, dwarf blue and white	2.25	20.00

Packing and Shipping Free.

VAUGHAN'S SEED STORE,

84-86 Randolph St.,
CHICAGO.

14 Barclay Street,
NEW YORK.

SPECIAL PRICES.

Send us a list of your wants in

ROSES

and let us name you a special price on them. Don't forget we have **BOSTON FERNS, PLUMOSUS** and **SPRENGER**.

GEO. A. KUHL, Pekin, Ill.

CHOICE ROSE STOCK

From 2½ and 3½ inch pots.

Killarneys, Brides, Bridesmaids.

Write for prices.

JOHN YOUNG 51 West 28th St. NEW YORK CITY.

Telephone, 4463 Madison.

Asparagus Seedlings

From flats. Well grown and thrifty.

Plumosus Nanus.....\$10.00 per 1000
Sprenger.....8.00 per 1000
Large 3-inch Plumosus Nanus.....25.00 per 1000

Cash with order, prepaid. Get our prices on large lots.

Yalaha Conservatories, YALAHA, Lake Co., Fla.

ROSES

BRIDE, BRIDESMAID, IVORY and **GOLDEN CATE**, extra strong stock, out of 3-in. pots, \$1.00 per 100, \$35.00 per 1000.

CREVILLE ROBUSTA, fine for vases, etc., 18 to 24 inches high, out of 4-in. pots, \$2.50 per doz.

ASPARAGUS PLUMOSUS, 2½ inch, \$3.00; 3-inch, \$5.00 per 100

JOHN C. HATCHER, AMSTERDAM, N. Y.

S. S. SKIDELSKY,

824 No. 24th Street,

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Correspondence Solicited.

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ROBERT CRAIG & SON, ROSES, PALMS,

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

JOSEPH HEAGOCK,

WYNCOTE, PA.

—CROWER OF—

Kentia Belmoreana and **Kentia Forsteriana**

Please mention the American Florist when writing.

First-Class ROSES For Sale.

Brides, Bridesmaid, Perle, Meteor,	Chatenay, Hoste, Sunset, Sunrise,	Golden Gate, Ivory, 3½-in. po's, \$6.00 per 100.
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P. R. QUINLAN & CO., Syracuse, N. Y.

CYCLAMEN

Splendens Gigantum Hybrids.

Finest strain in the world, in five true colors, extra well grown plants, from 2½ inch pots, \$5.00 per 100, \$45.00 per 1000. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.

Special Clearing Sale.

CARNATIONS and **SALVIA.**

We can supply the following **Carnations**, well established plants from 2½-inch pots. If planted where they can be reached with the hose occasionally will make fine stock by planting time. Nelson Fisher, \$4.00 per 100; Echantress, \$3.00 per 100; Boston Market, Mrs. Lawson, \$2.50 per 100; \$22.00 per 1000.

SALVIA—Fine plants from 2½-in. pots, Bonfire or D Beauty, \$1.00 per 100; \$9.00 per 1000, while they last.

CERANIUMS—Choice plants from the bench, 12 to 18 inches high, average 10 shoots J. Viaud, pink; Brunant, scarlet; B Poitevine, Mrs. E. G. Hill, salmon; Mme. Buchner, white, \$6.00 per 100.

The W. T. BUCKLEY CO.

SPRINGFIELD, ILL.

Always mention the.....

American Florist

when you write to an advertiser.

Bulbs and Plants.

For florists' use, spring or fall delivery. We import to order. Let us appraise your wants.

AUGUST ROLKER & SONS, 31 Barclay St., NEW YORK, P. O. Box 752

60,000 GRAFTED ROSES For Forcing

EXTRA FINE HEALTHY PLANTS. FREE FROM MILDEW.

LIBERTY, 3½-inch pots, per 100.....\$ 18.00

BRIDESMAIDS, GOLDEN GATES, KAISERINS,
3½ inch pots, \$15.00 per 100; per 1000..... 145.00

SMILAX, 2½-inch pots,
Price: \$1.50 per 100 \$12.50 per 1000.

SEND FOR PRICE LIST.

J. L. DILLON, Bloomsburg, Pa.

C. R. HILLS, Grand Rapids, Mich.

AMERICAN BEAUTIES , extra fine, 3-in.	\$6.00 per 100
LA DETROIT , extra fine, 3-in.	8.00 per 100
CHATENAY, PERLE and SUNRISE , 3-in.	5.00 per 100
Cohiza Scandens, 2½-in.	2.00 per 100
" " extra fine, 3-in.	4.00 per 100
German Ivy, 2½-in.	2.00 per 100
Shasta Daisy, 2½-in.	2.50 per 100
Christmas Peppers, 2½-in.	2.00 per 100

PRIMULAS for July delivery.

ASTERS Hohenzollern and Carl-son's, from bench, 60c per 100, \$5.00 per 1000; from 2½-in. pots, \$1.50 per 100, \$12.50 per 1000.

Smilax Nice bushy plants, 2½-inch, \$1.50 per 100; \$12.50 per 1000.

NICOTIANA SANDRAE, 2½-in., \$1.00 per doz.

ROSES 2 1-2-in. Pot Plants.

Richmond.....	Per 100 \$30.00	Per 1000 \$250.00	Liberty.....	Per 100 \$ 5.00	Per 1000 \$15.00	Bridesmaid.....	Per 100 \$ 3.00	Per 1000 \$ 25.00
Rosalind Orr English.....	25.00	200.00	American Beauty.....	5.00	40.00	Bride.....	3.00	25.00
Perle von Godesberg.....	5.00	40.00	La Detroit.....	6.00	50.00	Ivory, Perle.....	3.00	25.00

CHATENAY, UNCLE JOHN and KAISERIN reduced to \$3.00 per hundred; \$25.00 per thousand.

AM. BEAUTY BENCH PLANTS, per 100.....\$5.00; per 1000.....\$40.00

All plants and rooted cuttings sold under the express condition that if not satisfactory they are to be returned immediately when money will be refunded.

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The Most Graceful Nephrolepis Known

Retailers who have handled this fern are unanimous in proclaiming it the best Fern ever introduced.

Consult any grower who has bought Scottii and he will tell you that it is as far ahead of the Boston as that variety is ahead of all other introductions.

See my adv. on second cover page in American Florist of Feb. 25th.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.
BRANCH:
E. 45th St. and Rotland Road, Flatbush.
TELEPHONE, 1207 WILLIAMSBURG.

BENCH GROWN

Adiantum Cuneatum

Very strong, ready for 7 and 8-inch pots, 50c each. Also **Asparagus Plumosus**, 3 1/2-inch, very strong, 12 1/2c each. Also a few hundred **Chrysanthemum Plants**, White Bonnaillon and Col. D. Appleton, 3c.

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JOHN WOLF,
SAVANNAH, GA.

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Arrived in superb condition direct from the woods the following **ORCHIDS:** Cattleya lablata, C. Warneri, C. Dowiana, Laelia flava, Miltonia candida, Dendrobium chrysoxanthum and Burlingtonia fragrans. Write for special list, also catalogue of established orchids.

Lager & Hurrell, SUMMIT, N. J.
Orchid Growers and Importers.
Please mention the American Florist when writing.

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SANDER, St. Albans, England.
Agent. A. DIMMOCK, 31 Barclay St., NEW YORK CITY

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...JAPANESE NOVELTIES...

TINY PLANTS, in 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100.

RHAPIS, 5 to 15 shoots, 60 cents each.
—CASH WITH ORDER.—

LARGEST GROWERS OF EASTER LILIES.
WOODSIDE, N. Y. and **WHITESTONE, L. I., N. Y.**

Hudson River Grown Violets Marie Louise, strong, healthy stock, \$3.00 per 100; \$25.00 per 1000. From and \$10.00 per 1000.
SCHAEFER'S (Inc), Newburgh-on-Hudson, N. Y.

Poehlmann Bros. Company,

Commercial Growers, Morton Grove, Ill.

Roses.

	2 1/2-in.	3 1/2-in.
	Per 100	Per 1000
American Beauty.....	\$5.00	\$45.00
Chatenay.....	4.00	30.00
Uncle John.....	4.50	40.00
Bride.....	4.00	35.00
Perle.....	5.00	5.00
Sunrise.....	4.00	35.00
Bridesmaid.....	4.00	35.00
Golden Gate.....	3.50	30.00

Cut Back Bench Plants. Per 100

American Beauty.....	per 1000, \$45.00
Meteor, Bride, Maid, Golden Gate, Chatenay..	\$2.50

Chrysanthemums.

	R. C.	2 1/2-in.	2 1/2-in.
	Per 100	Per 100	Per 100
WHITE			
Willowbrook.....	\$1.50	\$2.50	
Estelle.....	1.50	2.50	
Kalb.....	1.50	2.50	
Robinson.....	1.50	2.50	
Ivory.....	1.50	2.50	
Jerome Jones.....	1.50	2.50	
Wanamaker.....	1.50	2.50	
Timothy Eaton.....	2.00	3.00	
W. Bonnaillon.....	2.00	3.00	
Chadwick.....	2.50	3.50	
Crawford.....	2.00	3.00	
Merry Christmas.....	1.50	2.50	
YELLOW			
Monrovia.....	2.00	3.00	
Patt.....	1.50	2.50	
Sunshine.....	1.50	2.50	
Whildie.....	1.50	2.50	
Halliday.....	1.50	2.50	
Appleton.....	2.00	3.00	
Bonnaillon.....	1.50	2.50	
Reiman.....	2.50	3.50	
Yellow Eaton.....	2.50	3.50	
Chautauqua Gold.....	2.00	3.00	
Nagoya.....	2.00	3.00	

PINK

Lady Harriet.....	2.00	3.00
Pacific.....	1.50	2.50
V. Morel.....	2.00	3.00
Perrin.....	1.50	2.50
Xeno.....	2.00	3.00

Chrysanthemums.

(Continued.)

	R. C.	2 1/2-in.	2 1/2-in.
	Per 100	Per 100	Per 100
PINK			
Maud Dean.....	\$1.50	\$2.50	
Quito.....	1.50	2.50	
Pink Ivory.....	1.50	2.50	
Shaw.....	1.50	2.50	
Lady Hanham.....	2.00	3.00	

RED

Intensity.....	2.00	3.00
Shrimpton.....	2.00	3.00

NEW VARIETIES

	R. C.	2 1/2-in.	2 1/2-in.
	doz.	doz.	Per 100
White			
Enolly Mileham.....	\$1.00	\$5.00	\$40.00
Mme. Paul Sobut.....	4.00	5.00	40.00
N. Pickett (cream).....	.50	.75	4.00
Majestic... R. C., per 100, \$10.00			15.00
Adelia... R. C., per 100, 10.00			15.00

Yellow

Mrs. Wm. Duckham.....	6.00	7.50	60.00
(Cue Winner)			
Merstham Yellow.....	4.00	5.00	40.00
Kimberly.....	.60	.75	
Prima.....	.60	.75	
Plumridge... R. C., per 100, \$2.00			3.00
T. W. Pickett, R. C., per 100, \$1.50			2.50

Pink

	R. C.	2 1/2-in.	2 1/2-in.
	Per 100	Per 100	Per 100
American Beauty.....	\$3.50	\$4.00	
Cobbold.....	2.50	4.00	
McNiece.....	2.50	4.00	
Ben Wells (light pink).....	2.50	4.00	
Leila Filkins.....	3.00	4.00	
Etherington.....	2.50	4.00	
Dr. Eoguehard.....	2.50	4.00	
Marie Liger.....	2.50	4.00	
Coombes.....	2.50	4.00	
Wm. Duckham.....	2.00	3.00	

Red

Sport of Duckham.....	1.50	2.50
Lord Hopetoun.....	.75	1.00

Stevia.

Rooted cuttings, per 100.....	\$ 1.50
Rooted cuttings, per 1000.....	12.50
2 1/2-in., per 100.....	2.60
2 1/2-in., per 1000.....	22.60

Orders for less than \$2.00 not accepted.

Headquarters for Finest Cut Roses, Carnations and Other Cut Flowers.

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Sprengeri.

Well grown, carefully packed plants, in any quantity, \$1.50 per 100; \$12.10 per 1000. Well grown, carefully packed plants, in any quantity, \$2.00 per 100; \$15.00 per 1000. —150,000 to select your order from.—

PLUMOSUS, DEFLEXUS, DECUMBENS, GERANIUMS, PANSIES.

Send for Summer Price List.

ALBERT M. HERR, Lancaster, Pa.

Please mention the American Florist when writing.

New Orleans.

BUSINESS RUSHING.

More weddings have been announced and taken place since the beginning of the month than for several seasons past. Most of them during the past week have been very large and fashionable and kept a number of florists busy. Owing to the intense heat and continuous drought, good flowers of any description are very scarce here, and necessitate larger shipments from the wholesalers than usual during this time of the year. Flowers for graduates are now only allowed at the different girls' high schools, consisting of either round or shower bouquets, none of which are allowed to be presented during the exercises. The bedding of the different gardens is finished, but a continuous good rain would improve the appearance of them considerably. Foliage plants and ferns are found at many establishments in far better condition than last season, promising to find ready buyers at good prices during the winter. Several local firms have invested considerable money in Pierson's new fern, Nephrolepis elegantissima.

NOTES.

The German Gardeners' Club, of this city, held its annual outing June 7 at Little Woods, an ideal summer resort on beautiful Lake Pontchartrain. The party had a splendid time with fishing, bathing and other amusements. A sumptuous dinner was served which was heartily enjoyed by everyone.

U. J. Virgin is building a new house for Asparagus plumosus. He is cutting some fine strings from a large house of two-year-old plants. His palms and ferns are in the best of condition.

Abele Brothers have some extra fine specimen plants of Nephrolepis Bostonensis and Anna Foster.

E. Valdejo has a well grown, clean stock of palms and Araucaria excelsa.

C. W. Eichling's Adiantum hybridum class among the best grown here.

CRESCENT.

HEMPSTEAD, L. I., N. Y.—J. Sidenberg has sold out his greenhouse business to Alfred Funke of Evergreen, L. I., who will take charge immediately. Mr. Sidenberg shows friendly interest in giving the new proprietor a good start. Carnations are the main product.

THOSE RED POTS

"STANDARDS"

FULL SIZE AND WIDE BOTTOMS. BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,

HARRY BALSLEY, Rep.

DETROIT, MICH., 490 Howard St.,

Standard Flower... POTS

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....

W. H. ERNEST,

38th and M Streets, WASHINGTON, D. C.

REDPOTS

SAMPLE POT AND PRICE LIST ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.....

Standard Flower Pots

The WHILLDIN POTTERY COMPANY, PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

THE KELLER POTTERY COMPANY,

Manufacturers of FLORISTS' RED STANDARD POTS.

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.

BEST ENGRAVINGS and ILLUSTRATIONS

—Of Every Description—

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SEE OUR WORK IN THIS PAPER.

SEND FOR ESTIMATES.

GLOBE ENGRAVING and ELECTROTYPE CO.

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CUT FLOWER BOXES WATERPROOF Corner Lock Style.

The best, strongest and neatest folding out flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

Size No. 0.	3x 4x20	\$2.00	\$19.00
" 1.	3x 4½x16	1.90	17.50
" 2.	3x 6x18	2.00	19.00
" 3.	4x 8x18	2.50	23.00
" 4.	3x 5x24	2.75	26.00
" 5.	4x 8x22	3.00	28.50
" 6.	4x 8x28	3.75	36.00
" 7.	6x16x20	5.50	54.00
" 8.	3x 7x21	3.00	28.50
" 9.	5x10x35	6.50	63.00
" 10.	7x20x20	9.50	87.50
" 11.	3½x6x30	3.00	28.50

Samples free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY, Box 104, COLUMBUS, OHIO. Please mention the American Florist when writing.

—WRITE—

A. F. Kohr

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FOR PRICES OF

Standard Pots

which for strength and porosity combined are the best on the market

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STANDARD FLOWER POTS!

Packed in small crates, easy to handle.

1500 2-in., in crate, \$4.88	120 7-in., in crate, \$4.20
1500 2½ " " 5.25	60 8 " " 3.00
1500 2¾ " " 6.00	HAND MADE.
1000 3 " " 5.00	48 10 " " 4.80
500 3½ " " 5.80	24 11 " " 3.60
500 4 " " 4.50	24 12 " " 4.80
320 5 " " 4.51	12 14 " " 4.80
144 6 " " 3.16	6 16 " " 4.50

Seed pans, same price as pots. Send for price list Cylinders for Cut Flowers, Hanging Baskets, Lawn vases, etc. Ten per cent off for cash with order. Address

HILFINGER BROS. POTTERY, Forl Edward, N. Y. Or AUGUST KOLKER & SONS, New York Agents, 31 Barclay Street, New York City.



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FLOWER POTS.

Before buying write for prices.

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Red Standard Flower Pots

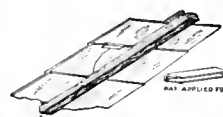
Price list and samples on application.

Paducah Pottery,

J. A. BAUR, Proprietor.

PADUCAH, KENTUCKY.

PEERLESS GLASS REPAIR CLAMP



To mend cracked glass immediately and permanently.

Box of 150, \$1.00.

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ALEXANDER KLOKNER, Wauwatosha, Wis.

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Carnation Supports

Galvanized Wire Rose Stakes, Tying Wires, Single & Double Pot Hangers.

WRITE US.

Igoe Bros., 226 North 9th St. BROOKLYN, N. Y.

PEONY NUMBER NEXT WEEK.

SEND ADVERTISEMENTS NOW.

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"Kinkaid" Hocking
 Kanawha Splint
 Lower Vein Brazil Block
 Genuine Smokeless Pocahontas
 Sullivan County Indiana Lump

COAL

We are direct agents. Write for prices for immediate shipment or season's supply.

GLOBE COAL COMPANY, 1560-1570 Old Colony Building, CHICAGO.

The "National" Lawn Spray A PERFECT LAWN SPRINKLER.

Throws mist a radius of 40 feet.
 No holes to clog or bearings to stick.
 Never puddles if left running all day.
 Position changed without turning off water.
 Can be held in hands for spraying plants.
 Extensively used by Gardeners and Nurserymen.
 Simplest spray ever made.
 Light, durable, can not get out of repair.

PRICE \$1.00.

Money cheerfully back if not satisfactory.

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Write for our New Catalogue F. Our prices may interest you.

Please mention the American Florist when writing.



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 Producer, Jobber and Prompt Shipper of Bituminous Coal, Attractive prices on Alum Creek, Pocahontas Smokeless, W. Va. Splint, Brazil Block, Indiana Hocking Lump and other grades.

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Cape Flowers, all colors,
 Cycas Leaves, Metal Designs,
 and All Florists' Supplies.

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10,000, \$1.50; 50,000, \$6.25. Manufactured by
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ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

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M. RICE & CO.,

Importers and Manufacturers,

Leading Florists'
 Supply House and
 Ribbon Specialists.

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The Standard VENTILATING MACHINERY



The original machine with self-oiling cups. The most powerful, least complicated, very compact, with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only Drip Proof gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its working. Catalogue free.

E. HIPPARD, Youngstown, Ohio.

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The Florists' Hail Ass'n.

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 SADDLE RIVER, N. J.

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For Sale By Wholesale Seedsmen,
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Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.

Clipper Lawn Mower Co. DIXON, ILL.



The Mower
 that will Kill all the Weeds in Your Lawn. If you keep the weeds cut so they do not go to seed and cut your grass without breaking the small feeders of roots, the grass will become thick and the weeds will disappear.

The Clipper will do it. Ask your dealer for them. If they have not got them, below is the price: No. 1—12-in. Mower, \$5; No. 2—15-in. Mower, \$6; No. 3—18 in. Mower, \$7. No. 4—21-in. Mower, \$8. Send draft, money-order or reg. letter.

Peony Number NEXT WEEK.

Send Advertisements Now.

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THE American Florist Company's Directory saves many times its price to every one who catalogues or circularizes even a small part of the trade. Fully revised to date of publication, it puts the mail only to live names, avoiding waste of postage and printed matter, time and labor.

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WROUGHT IRON PIPE, sizes from $\frac{3}{8}$ -in. to 14-inch.

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50 HORIZONTAL TUBULAR BOILERS, from 10 to 200 horse-power.

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BOILERS New and second-hand. One second-hand steam; first-class condition: will heat 1,000 sq. ft. glass; at \$35.00. One second-hand No. 17 Hitchings boiler, first-class condition, \$75.00.

PIPE New 2-in. standard full lengths, with couplings, 8 $\frac{3}{4}$ c per ft. Good, serviceable second-hand, with threads, 2 in., 7c; 1 $\frac{1}{2}$ -in., 5 $\frac{1}{2}$ c; 1 $\frac{1}{4}$ -in., 3 $\frac{1}{2}$ c; 1-in., 3c. Old and new fittings and valves.

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PIPE CUTTERS New Saunders Pattern. No. 1 cuts $\frac{1}{2}$ -in.-1-in. pipe, \$1.00. No. 2 cuts 1-in.-2-in. pipe, \$1.30.

STILLSON WRENCHES New, 18-in., grips $\frac{1}{2}$ -in.-2-in. pipe, \$1.65; 24-in., grips $\frac{1}{2}$ -in.-2 $\frac{1}{2}$ -in. pipe, \$2.40; 36-in., grips $\frac{1}{2}$ -in.-3 $\frac{1}{2}$ -in. pipe, \$4.75.

PIPE VISES New. No. 1 hinged, grips $\frac{1}{2}$ -in.-2-in. pipe, \$2.25.

GARDEN HOSE New. $\frac{3}{4}$ -in., guaranteed 100-lbs. pressure, 7 $\frac{1}{2}$ c per ft.; $\frac{1}{2}$ -in., not guaranteed, 4 $\frac{1}{2}$ c per ft.

HOTBED SASH New. Cypress, 3-ft. x6-ft., from 70c up; glazed, complete, from \$1.60 up. Second-hand, as good as new, complete, at \$1.25 and \$1.00 each.

GLASS New. American, 50 sq. ft. to the box, 10x12, at \$1.75. 10x12, 12x12, B double, at \$2.40. 12x14, 12x16, 12x20, 14x14, 14x16, 14x20, 16x16, 16x18 B double, at \$2.60. 16x20, 16x24 B double, at \$2.90. Second-hand 10x12, at \$1.40.

RADIATORS good as new, 15c per pipe. Write for our prices on Cull Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, etc.

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1398-1408 Metropolitan Avenue, BROOKLYN, N. Y.

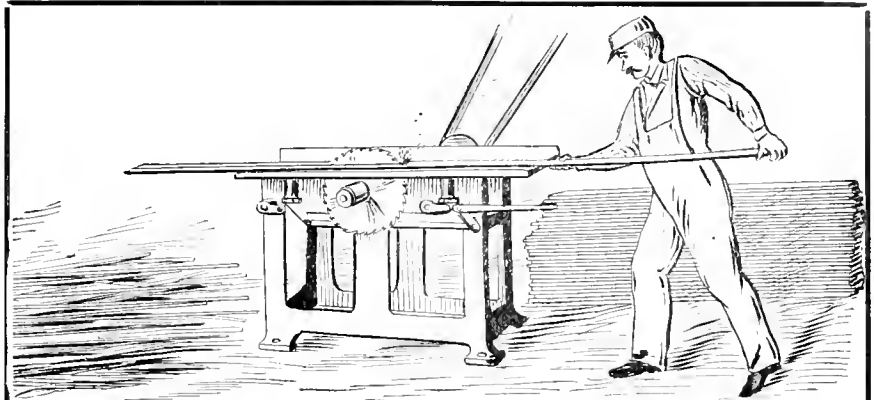
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Sundays and holidays
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At home and abroad



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A SPECIALTY.

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GLASS.

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QUICK SHIPMENTS.
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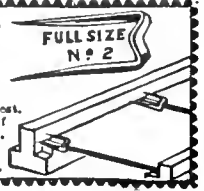
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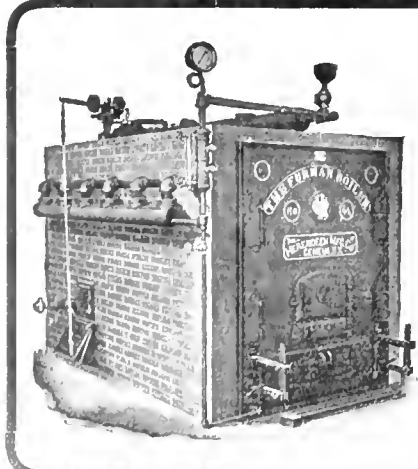
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CHRYSANTHEMUM MANUAL (Smith).—By an expert who has given his undivided attention for twenty years to the improvement of the chrysanthemum and its culture in detail. Profusely illustrated. 25 cents.

HOW TO MAKE MONEY GROWING VIOLETS (Saltford).—This is by a practical grower who has made a success of the business. No grower of violets can afford to be without it. 25 cents.

LANDSCAPE GARDENING (Waugh).—This is a very useful little book on the art of landscape gardening. It will be found exceptionally valuable to amateurs, as it covers in detail the numerous problems that come to the owners of small gardens. It is freely illustrated and the pictures have been chosen with a view to informing the reader rather than decorating the book. 50 cents.

ASPARAGUS (Hexamer).—A practical treatise on the planting, cultivation, harvesting and preserving of asparagus, with notes on its history and botany. This book is mainly devoted to the culinary kinds of asparagus, but there is also some reference to the ornamental species. 50 cents.

LANDSCAPE GARDENING (Waugh).—This is a very useful little book on the art of landscape gardening. It will be found exceptionally valuable to amateurs, as it covers in detail the numerous problems that come to the owners of small gardens. It is freely illustrated and the pictures have been chosen with a view to informing the reader rather than decorating the book. 50 cents.

STEAM HEATING FOR BUILDINGS (Baldwin).—Contains valuable data and hints for steam fitters and those who employ this method of heating. The 350 pages are fully illustrated. \$2.50.

HOW TO GROW CUT FLOWERS (Hunt).—The only book on the subject. It is a thoroughly reliable work by an eminently successful practical florist. Illustrated. \$2.00.

HEDGES, WINDBREAKS, ETC. (Powell)—A treatise on the planting, growth and management of hedge plants for country and suburban homes. A volume of 140 pages, with twenty-two illustrations. 50 cents.

SUCCESS IN MARKET GARDENING (Rawson).—Written by one of the most prominent and successful market gardeners in the country, and who has the largest glasshouses for forcing vegetables for market in America. Outdoor and indoor crops are treated. Illustrated, \$1.00.

GREENHOUSE CONSTRUCTION (Taft).—It tells the whole story about how to build and heat a greenhouse, be it large or small, and that too in a plain, easily understood, practical way. It has 118 illustrations. \$1.50.

CABBAGES, CAULIFLOWER AND ALLIED VEGETABLES (Allen).—The requirements of the important vegetables of the cabbage tribe are given here very fully. The book also contains interesting chapters on seed raising, insect pests and fungus diseases common to these plants. 50 cents.

American Florist Co.,
324 Dearborn St.,
CHICAGO.

The Allied Trades

Descriptive particulars—with drawings or photographs, if possible—of any new apparatus or device which may prove helpful to the trade are solicited for this department.

NEARLY all glass factories are now closed for the season. It seems to be quite a hard matter to get some greenhouse sizes in large quantities, and prices are firm with every prospect of being higher during the summer. Our advice to patrons is to get their orders in soon.

Greenhouse Heating.

ED. AMERICAN FLORIST:—

Please inform me which will give the best satisfaction for heating a greenhouse of about 4,000 to 5,000 square feet of glass, a fire box boiler or a return tubular boiler built in with brick, and which do you consider best, one built with or without a dome? I wish to have a fire box large enough to hold coal sufficient to bank the fire over night.

C. E. B.

While the fire box boilers answer well for small ranges, it will be fully as satisfactory to use ordinary tubular boilers when there are 5,000 square feet or more of glass. It will then be possible to have the fire box as large as may be needed, and at any rate, if the fire is to be banked at night, it will be best to have the boiler of ample size. There is no occasion for having a steam dome on the boiler.

L. R. T.

Greenhouse Heating.

ED. AMERICAN FLORIST:—

I am about to pipe one carnation house, 28x120 feet in size, and wish to use 1½-inch pipe through the center of the house. How many runs will it take? The house is solid all around, with no glass at the sides, and is twelve feet to the ridge. The house runs east and west and the temperature often falls to 20° below zero.

A. J. Y.

If steam is to be used, the temperature mentioned can be secured with one 2½-inch flow and ten or eleven ½-inch returns. With hot water the use of returns as small as 1½-inch will not be advisable. Far better results can be secured by means of four 2½-inch flows and fourteen 2-inch returns. Just how it will be best to arrange the heating pipes cannot be told without knowing more regarding the interior arrangement of the house.

L. R. T.

Greenhouse Building.

Baltimore, Md.—Black Brothers, three houses, each 18x106 feet

Terrell, Texas.—Green demonstration farm, two houses.

North Beverly, Mass.—C. E. Streamberg, one 85-foot violet house.

Loda, Ill.—Addems & Morgan, addition to present plant.

Bloomington, Ill.—State normal university, \$5,000 range of greenhouses.

Hoopston, Ill.—A. Peterson & Company, 10,000 feet of glass.

Rochester, N. Y.—Highland park, additional greenhouses at a cost of \$2,500.

Rockford, Ill.—H. W. Buckbee, one house, 196x290 feet.

Clinton, Ia.—A. G. Prince, one house.



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LOCKLAND, O.

THE AMERICAN FLORIST



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Vol. XXIV.

CHICAGO AND NEW YORK, JUNE 24, 1905.

No. 890

THE AMERICAN FLORIST

TWENTIETH YEAR.

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Volumes half-yearly from August, 1901.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—J. C. VAUGHAN, Chicago, president; J. R. FREEMAN, Washington, D. C., vice-president; Wm. J. STEWART, 11 Hamilton Place, Room 11, Boston, Mass., secretary; H. B. BEATTY, Oil City, Pa., treasurer. Twenty-first annual meeting at Washington, D. C., August 15-18, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention and exhibition at Boston, 1906. PETER FISHER, Ellis, Mass., president; ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., March, 1906. ALEX. MONTGOMERY, Natick, Mass., president; Wm. J. STEWART, 11 Hamilton Place, Boston, Mass., secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition, November, 1905. FRED. H. LEMON, Richmond, Ind., secretary.

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1026.

AMERICAN PEONY SOCIETY.

Second Annual Meeting, Chicago, June 16-17, 1905.

A Successful Meeting.

The second annual meeting and exhibition of the American Peony Society was held in Chicago June 16 and 17 and was in every respect a very successful affair. The display of peonies was very elaborate and a number of visitors expressed great surprise at the high quality of many of the blooms which had been held in storage for a considerable period. The exhibition would have been much more extensive but for the general mistrust of the storage process. Many of the most extensive growers, however, will be exhibitors of the future, judging from their comments on the character of the storage blooms displayed on this occasion. The quality of the blooms in general was very high, but of course those shipped a considerable distance in the bud state did not make such an attractive display as those from local sources.

The number of varieties displayed on this occasion is quite problematical, but there were varieties on exhibition bearing nearly 200 different names, also a considerable number of flowers under number and seedlings without names or numbers. The present unsatisfactory condition of peony nomenclature is much to be regretted and no effort should be spared by the officers of the society and its committees to bring about an understanding in the matter which will aid the trade and the buying public in doing business. Professor Craig and his associates on the nomenclature committee have a heavy task in hand and they will merit all the praise that can be given them when they unravel the tangle of names and synonyms to such an extent that growers and dealers will know what they are talking about when they mention a given variety.

It may perhaps be safe to mention a few of the more striking varieties seen at this exhibition, but even here, as elsewhere in this report, we feel that we are in the dark when we come to give the names. Among the best white varieties we would name Festiva Maxima, early; Marie Lemoine, late, and James Kelway. In pink, Livingston, Delicatissima, Floral

Treasure and Potsii Alba. In red, Lee's Grandiflora Rubra, as exhibited by E. A. Reeves, was simply magnificent and Richardson's Rubra Superba seemed a very poor second. For a creamy white we selected Mont Blanc.

The Peterson Nursery, Chicago, as might have been expected from the extent and age of this firm's collection, carried off the greater number of the premiums, among them the silver cup for the best twelve varieties, six flowers each. The Cottage Gardens Company, Queens, N. Y., captured the first premium for the largest and best collection of varieties. Vaughan's Seed Store, Chicago, was among the prize winners, as was also J. F. Rosenfield, of West Point, Neb., and E. A. Reeves, of Cleveland, Ohio. In addition to the competitive collections, excellent displays for effect were made by the Cottage Gardens Company, Peterson Nursery, Klehm's Nursery, Arlington Heights, Ill., Jewell Nursery Company, Lake City, Minn., Vaughan's Seed Store, etc.

There were a number of enthusiastic amateurs on hand greatly interested in the fine display, including Col. Henry M. Kidder, of Evanston, Ill., and L. Burrow, of Decatur, Ill.

The judges were Charles Klehm, a commercial peony grower; Ed. Kanst, park superintendent, and P. J. Hauswirth, retail florist.

The President's Address.

FELLOW MEMBERS: It has now been two years since the organization of the American Peony Society and to those who thought that there was no need of such a special society to care for the interests of the peony, the success of the present magnificent exhibit should be ample proof that the society was not only needed, but really wanted, for it is by such exhibitions as these that we who are devoted to the interests of any special class of floriculture really learn the possibilities that exist when concentrated effort is made to develop all that may be contained in any special subject. This is practically the first ex-

hibition of peony flowers given under the management of our society and what has been done here to-day can be much improved upon in future efforts, for by experience we learn and the experience leading up to the staging of the present show has already taught us many things that will redound to our benefit in the future and enable us to stage increasingly interesting exhibits as the years roll by. No doubt the officers of the society will be somewhat sharply criticised for not providing essays to be read before this meeting and while not attempting to offer excuses for such lack, I wish, in connection with an apology which we offer to members of the society, to say that unfortunately prior to the season at which the peony show is possible almost all of the members of our society are driven to exert their utmost energies in order to properly care for the years' business which must be done practically in the two or three months of spring.

NOMENCLATURE.

One of the crying needs of such an association as ours, in the surprisingly chaotic state into which the nomenclature of the peony has been allowed to degenerate, is the straightening out of the names, and if this association should do nothing else, striking from the list duplicate or nearly duplicate and worthless varieties and making it possible for the trade to list fifty or sixty of the best sorts under names and descriptions that would render their identification certain and make possible extensive deals between different peony growers, insuring the buyer of getting exactly what he wants whenever he places an order and then should disband, it will have accomplished one of the greatest benefits to floriculture in general and amply repay all the effort put forth and expense incurred in its organization and maintenance. Realizing the importance of this question of nomenclature, a competent nomenclature committee was appointed and has already accomplished a long step towards straightening out the tangle which has

been the source of annoyance and a bane to all who have attempted to purchase peonies. I now refer to the extensive test plot at Cornell University which has been planted with upwards of a thousand varieties of peonies, all of which have been contributed by its members without one cent of expense being incurred by the society. It is a foregone conclusion that this attempt to straighten out the peony nomenclature, taken up under the supervision of Prof. John Craig, of Cornell University, whose careful and efficient work performed in other lines is ample guarantee of the thoroughness with which this work will be done—will be productive of great results and will place the entire fraternity under obligations not only to Prof. Craig but to Cornell University and, last, but not least, to the American Peony Society itself.

UTILITY OF NAMES.

Fourteen years ago when I first began growing carnations, they were usually sold upon the market under the designation of red, pink and white. So far as I know very few varieties had at that period produced a sufficient impression upon the buyers to be sold under distinctive names. However, soon after the formation of the American Carnation Society they began to be designated by special names and at the present time retail buyers generally ask for the President, Enchantress, Ethel Ward or any other variety they wish to purchase, because thereby they identify those blooms which best satisfy their tastes and purposes and it will not be long before this will be the case with the peony. At present Festiva Maxima is known upon the New York market as the big white peony and all other white varieties are simply designated as white peonies, but within a comparatively short period buyers will begin to call for Mont Blanc, Festiva Maxima, Mons. Dupont, Marie Lemoine and other named varieties because they will want to secure just the effect produced by those sorts and will be able to identify them under their proper titles.

PEONIES AS CUT FLOWERS.

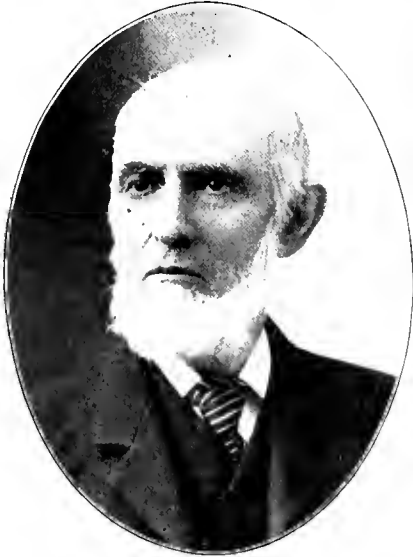
For some years past the value of the peony for cut flower purposes has been recognized in the larger markets, such as Chicago, New York, Boston and other large cities, but up to the present time there seems to have been no organized effort made to place the most suitable varieties on sale, and a large proportion of the blooms offered seem to have been of the more common kinds, composed largely of undesirable shades of color, the result being that the color value of the peony has suffered somewhat in popular estimation. In a few years all this should be changed and a sufficient quantity of the most attractive sorts that are best suited for cut flower purposes should be grown to supply the needs of the market and when this occurs, the demand for peonies for cut flower purposes will be largely increased.

THE PROPAGATORS' DIFFICULTIES.

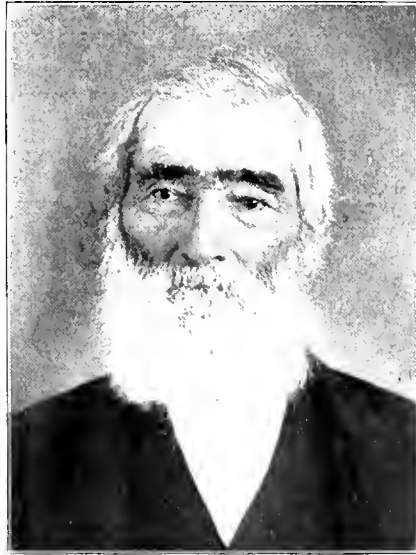
The difficulties of accumulating a large stock of the better varieties that shall prove true to name are great, because owing to the chaotic state of peony nomenclature at the present time, no one is sure of getting what he orders unless he is able to visit the peony fields in blooming time and identify and mark the plants he desires. A somewhat extensive experience in purchasing peonies during the past ten years has developed some curious results. For instance, in one case a grower sent two absolutely different colors under the same name. This occurred with the peony Henri Murger. The true Henri Murger is described as an immense bloom of the form and color of the Paul Neyron rose. The first year that the firm in question sent us Henri Murger we got a tall growing deep purplish crimson which as yet we have been unable to identify. The following year they sent us a very double creamy white sort which bore no resemblance either in habit, form or color to the one sent before. Neither of them resembled in any respect either in habit, form, color or time of blooming the true Henri



GENERAL VIEW OF THE PEONY DISPLAY AT THE CHICAGO EXHIBITION OF THE AMERICAN PEONY SOCIETY, JUNE 16-17, 1905.



Thomas C. Thurlow.
(Of West Newbury, Mass.)



H. A. Terry.
(Of Crescent, Ia.)



J. F. Rosefield.
(Of West Point, Neb.)



Wm. A. Peterson.
(Vice-President American Peony Society.)



C. W. Ward.
(President American Peony Society.)



Charles Klehm.
(Of Klehm's Nursery, Chicago.)



J. B. Deamud.
(Manager Chicago Peony Exhibition.)



Arthur H. Fewkes.
(Secretary American Peony Society.)



John Richardson.
(From the Transactions of the Mass. Hort. Society.)

SOME AMERICAN PEONY CELEBRITIES.

Murger. In another case a totally different peony in point of habit, form and date of blooming was sent but of the same shade of color as the genuine variety ordered. The second year from the same firm came under the same name another lot which again did not resemble the true variety either in form,

unexcelled, comprising almost all the shades of pink from the most delicate flesh tints to the deepest. The same may be said of white, crimson, purple and amaranth. It is weak, however, in yellow as we have comparatively few sorts that might be termed yellow and these are generally light in color, the



FIRST PRIZE AND CUP DISPLAY OF PETERSON'S NURSERY, CHICAGO.
(Exhibition of the American Peony Society, Chicago, June, 16-17, 1905.)

habit or date of blooming but still of the same shade of color and neither of these varieties resembled in any respect the true variety in form, habit or date of blooming, with the exception that the shades of color were very close to the true variety.

After an extensive experience in attempting to accumulate considerable stock of the specially desirable varieties, I have come to the conclusion that the only practical way to work up a true stock is to purchase a moderate quantity of the sorts from some source where you are able to identify them as true and then after blooming the plants three years cut out all rogues which may develop and look after the propagating and division of the stock yourself, for I have found where you leave it to employes, not having the same interest in keeping the stock clean that you have, they will allow errors to slip in. A rogue once introduced in a stock frequently multiplies twice as rapidly as the true variety, the result being a large proportion of rogues when the stock has been considerably augmented.

In Holland the custom is to take up the peonies and divide them every year or two, consequently the plants are never seen in bloom and this mode of forcing the propagation is probably the reason why so many rogues are found in the general run of Holland peonies imported to this country.

THE PEONY IN LANDSCAPE WORK.

Undoubtedly our favorite flower is one of the most effective of all early flowering herbaceous plants for use in extensive landscape plantings. It not only can be used in masses producing grand color results, effectively lighting dark nooks and corners, but the plants can also be interspersed among shrubbery lending additional color to such groups. When out of bloom the plants are not very unsightly as in the case with many other herbaceous flowers, but the deep fresh greens and bronzy greens of the peony foliage are maintained in general good condition throughout the greater portion of the season. The range of peony colors is

guard petals being almost invariably white, and it cannot be said that there is as yet any true solid yellow peony.

Landscape architects should learn to know the peony better and should become acquainted with the finer and more desirable sorts and should use them more extensively hereafter than they have in the past. I am quite certain that the peony often suffers in reputation by the use of common undesirable colors in classes of work where good, clean, complementary colors are needed and should be used, and the peony will never take its proper place in landscape work until landscapers in general become better acquainted with the more desirable sorts and learn to know them as well as to use them.

KINDRED ORGANIZATIONS.

It is to be regretted that an unfortunate controversy arose over the formation of the American Peony Society resulting in forming within the ranks of the Society of American Florists the S. A. F. Peony Society, as it has more recently been called, giving color to the idea that the Society of American Florists was opposed to and endeavoring to kill off our association. I have been led to believe that it has been asserted by certain elements in the Society of Amer-

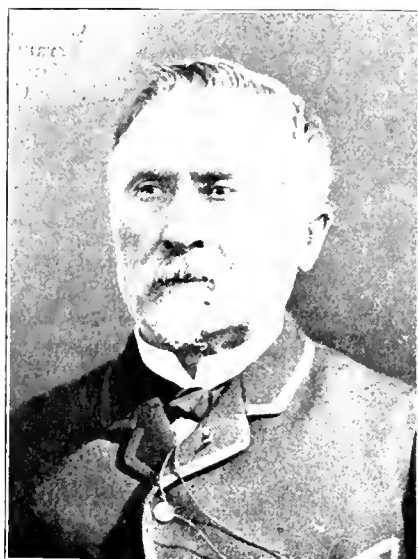
ican Florists that the formation of the carnation society, the chrysanthemum society, the peony society and other special associations would in the end destroy the Society of American Florists. This I do not believe to be true and I can not see any other result from the organization of such special societies than an increased general distribution of flower and plant knowledge among the general public, which in the end will result in increased accession to the ranks of the Society of American Florists. It may be asserted with truth that the American Peony Society has not now, nor will it have in the future, any conflict with any other horticultural body, but it has been formed for the purpose of accomplishing certain special work that can be done only by and with the hearty co-operation of all of those most vitally interested in the peony. Personally, I am well satisfied that our association will gladly contribute to the archives of the Society of American Florists, or to any other horticultural body that makes for the good of the florist craft in general, the results which it may accomplish in the way of straightening out peony nomenclature, or any other results which may be considered generally beneficial to the craft. Neither the American Peony Society nor the S. A. F. Peony Association has had as yet any great measureable effect upon the increase in the demand for peonies for the reason that neither have up to the present time accomplished any definite advancement either in the improvement of the peony or the methods of its culture or its commercial handling.

Aside from a few articles and cultural notes appearing in the press, nothing tangible has gone forth to the general public and these articles have not as a rule emanated either from the Society of American Florists or from the American Peony Society. Whatever results have been accomplished up to the present time have been largely through the work done by the peony specialists who are giving their time to the culture of and investing their capital in peonies. The experimental peony plantation at Cornell University has been made possible only by the voluntary contributions of the principal peony specialists in America and Europe who are members of the American Peony Society.

Reverting again to the unpleasant things which have been said and done in connection with the formation of our society, it may well be said that all opposition and controversy should now cease. The work of the American Peony Society has been so definitely cut out and clearly defined that the few doubting



FIRST PRIZE DISPLAY OF THE COTTAGE GARDENS, QUEENS, N. Y.
(Exhibition of the American Peony Society, Chicago, June 16-17, 1905.)



Victor Lemoine.
(Of France)



W. Warnaar.
(Of Warnaar & Company, Holland.)



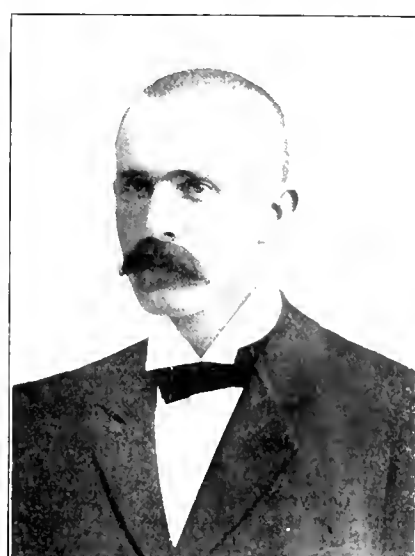
J. Dykhuis.
(Of J. Dykhuis & Company, Holland.)



Bernh. Groenewegen.
(Of Groenewegen & Son, Holland)



Ernst Krelage.
(Of E. H. Krelage & Son, Holland.)



A. M. C. Van der Elst.
(Of the Royal Tottenham Nurseries.)



A. Dessert.
(Of Chenonceaux, France.)



William Kelway.
(Of James Kelway & Sons, England)
SOME EUROPEAN PEONY CELEBRITIES.



S. A. DeGraaff.
(Of DeGraaff Brothers, Holland)

and misguided spirits within the ranks of the Society of American Florists who have heretofore frowned upon our organization should now cease their antagonism and bend their efforts towards forwarding a work that will in the end rebound to the general welfare and benefit of the entire florist craft as well as the nursery fraternity.

of the treasurer with his own, and both were approved. The question of disposing of the flowers on exhibition was decided by donating them to the Cook county hospital. In the election of officers the only change made was in the vice-presidency, William A. Peterson, of Chicago, succeeding Guy A. Bryant. The president was empowered to appoint the

Highlands, Mass.; Robert George, Painesville, Ohio; Arthur Bryant, Princeton, Ill.; E. A. Reeves, Cleveland, Ohio; James King, Elmhurst, Ill.; G. C. Perkins, Newark, N. Y., and H. E. Kidder and E. Slye, representing the Ionia Pottery Company, Ionia, Mich.

The Awards.

COMMERCIAL CLASSES—DOUBLE.

In the commercial classes provided for double herbaceous peonies the following awards were made:

Class.—1. Largest and best collection of varieties, one flower each. C. W. Ward, Queens, N. Y., first with Mme. Ducl, Carnea Elegans, Humei Alba, Livingston, Eugene Verdier, M. Jules Elie, Marie Crousse, La Perle, Belle Douaisienne, Louise d'Estrees, Beaute de Villecante, Mons. Barral, Mme. Louise Calot, Philomele, Marie Stuart, Alfred Crousse, Richardson's Dorchester, Henri Laurent, Mme. de Vetry, Potsii Alba, Alfred de Musset, Mme. Lemoine, Czarina, Mme. Benard, Baroness Schroeder, Mme. Camille Barcel, Marguerite Gerard, Richardson's Grandiflora, Paganini, Mme. De Galhau, Asa Gray, Docteur Bretonneau, Octavie Demay, Van Dyck, Pulcherrima, La Vestale, Jeanne d'Arc, rogue from Achilles, Buyekii, Floral Treasure, Achilles, Couronne d'Or, Candidissima, Marie Jacquin, Mons. Dupont, Mont Blanc, Rosea Magna, Mme. Emile Lemoine, Lady Isadore, Formosa, Duchess de Nemours, Duke of Wellington, La Quintynic, Sulphurea, Alice de Julvecourt, The Bride, La Tulipe, Festiva Maxima, Reine Victoria, Marie Lemoine, Please No. 23, Festiva, Mme. de Verneville, Early White, La Tendresse, Felix Crousse, Edouard Andre, Victor Hugo, Dr. Caillot, Mons. Paul du Ribert, Pierre Dessert, Delachei, Admiral Creighton, Leon Sequay, Mme. Bucquet, Armandine Mechin, Raphael, Peterson's No. 209, Souv. du Docteur Bretonneau, Comte de Neipperg, Souv. de l'Exposition du Mans, Meissonier, Henri Murger, Prince Imperial, Lady Bramwell, August Gauthier, Henri Murger (false), Triomphe de l'Exposition de Lille, Mme. Camille Barcel (rose), Countess Sarah, Janice Meredith, Henri Demay, Henri Murger (rose), Augustin d'Hour, Clementine Gillot, Jules Calot, Modeste Guerin, Mme. Bollet, Mlle. Rose Rendatler, Mme. Forel, Empress of China, Marie d'Hour, Souv. de l'Exposition Universalle, Fragrantissima, Mme. Muysart, Mons. Bouchard aine; Vaughan's Seed Store, Chicago, second.

2. Collection of best twelve and most distinct varieties, six flowers each. Peterson Nursery, Chicago, first with Mme. Calot, Potsii Alba, Marie Lemoine, Golden Harvest, Couronne d'Or, James Kelway, Princess Beatrice, Delicatissima, Souv. de Bordeaux, Purpurea Superba, Model of Perfection, Modeste Guerin; Vaughan's Seed Store, second.



LEE'S GRANIFLORA RUBRA, EXHIBITED BY E. A. REEVES, CLEVELAND, O.
(Exhibition of the American Peony Society, Chicago, June, 16-17, 1905.)

The Secretary's Report.

The present membership of the society is thirty-six not including two honorary members. Since the last meeting the president has appointed two European representatives of the nomenclature committee, A. Dessert, Chenonceaux, France, to represent that country and August Koenemann of Neides-Waldf, Germany, to represent the latter. During the past year I have had considerable correspondence in regard to peony lists with the object of completing our preliminary list, but there are some which are still to be received before it can be published. The publishing of the report of 1903-1904 has also been delayed for unavoidable reasons. In the matter of the incorporation papers Mr. Lown, the attorney, reported to me that the certificate of incorporation was filed in Albany, N. Y., July 2, 1904, and a certified copy of the same was deposited at the New York county clerk's office on July 11, thereby completing the legal incorporation of the society.

The exhibition held during the meeting at New York was a fairly good show, there being about seven exhibitors who staged many fine flowers, but there was a great lack of names thereby reducing the value of the show. C. W. Ward, Queens, N. Y., showed about 200 varieties, all unnamed but under number. Frank Gould, with John J. Morris, Compion, Chestnut Hill, Philadelphia, Pa., showed about sixty-three varieties, all named. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa., twenty varieties, all named. Siebrecht & Son, a large display of unnamed flowers including about thirty-two varieties. C. Betscher, Canal Dover, O., forty varieties, all named. C. M. Wild, Sarcoxie, Mo., about ten varieties, and F. S. Rosenberg, Walden, N. Y., about eighty-eight unnamed.

The Business Meeting.

At the business meeting, June 17, President Ward delivered his address, which will be found elsewhere in this issue. The secretary presented the report

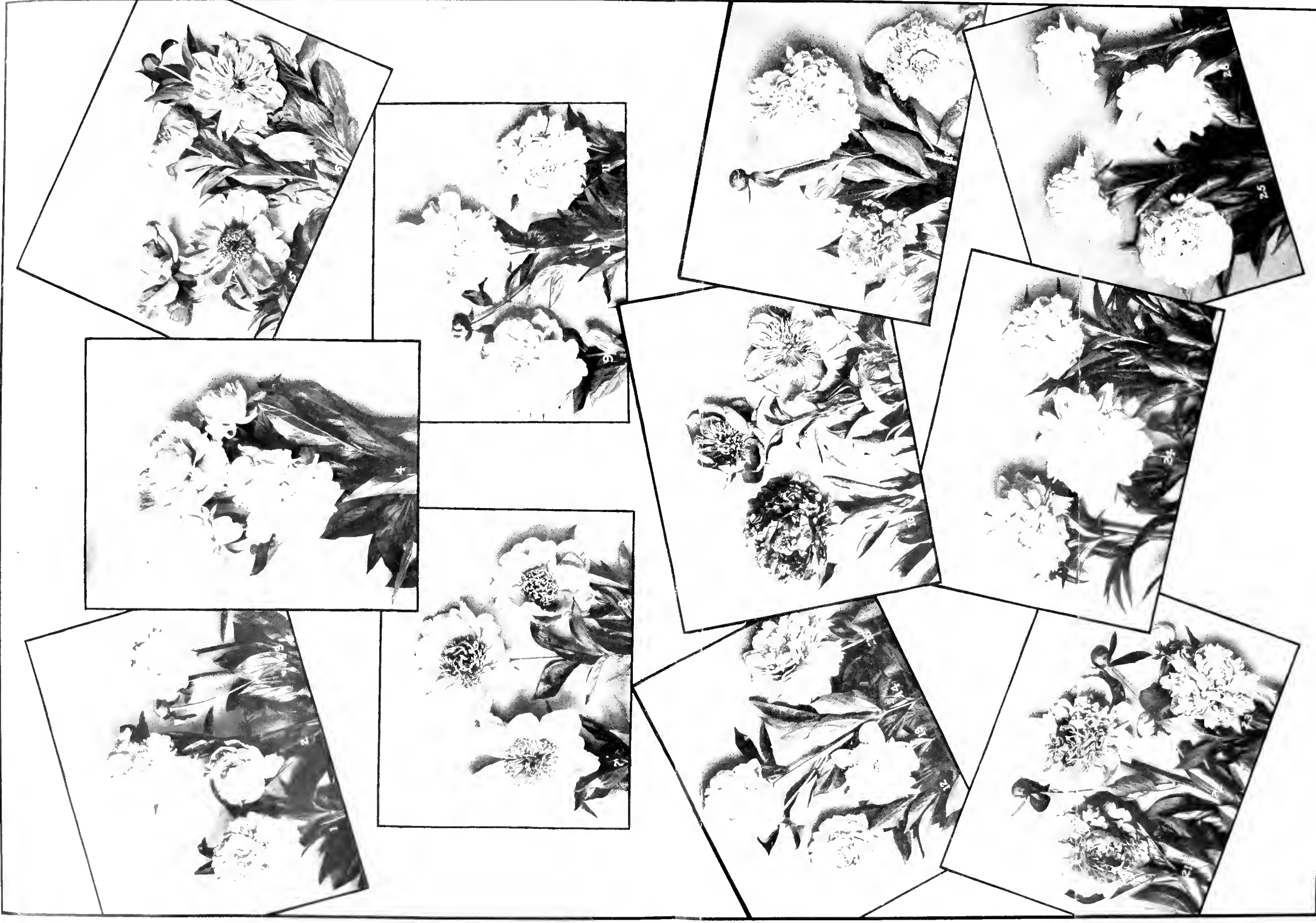
auditing, press and exhibition committees. A hearty vote of thanks was given Manager J. B. Deamund for his good work in the management of the exhibition and in handling the blooms and buds forwarded in his care. After selecting Boston, Mass., for the next annual convention and exhibition the meeting terminated.

The Visitors.

Among the out-of-town visitors in attendance we noted the following: F. A. Baller, Bloomington, Ill.; W. C. Barry and C. J. Maloy, of Ellwanger & Barry Nursery, Rochester, N. Y.; Elmer D. Smith, Adrian, Mich.; Eli Cross, Grand Rapids, Mich.; C. S. Harrison, York, Neb.; Fred Lemon and Miss S. Hill, Richmond, Ind.; Charles W. Maison, of the Dundee Nursery, Dundee, Ill.; John T. Temple, Davenport, Ia.; C. W. Ward and Miss Hubbard, Queens, N. Y.; Arthur H. Fewkes, Newton



THREE ACRES OF PEONIES AT H. A. TERRY'S, CRESCENT, IA.
(Mostly Mr. Terry's seedlings in over 100 varieties.)



Supplement to the AMERICAN FLORIST, June 24, 1905.

A Few of the Modern Peonies and Some of Their Names.

- 1 Couronne d'Or. 2-Alfred de Musset. 3 M. Dupont. 4 Mlle. Desholsson. 5 Flamboyant (Name-No-Kedorum). 6-Bontire (Same-Gooko). 7-Cherub (Mine-No-Momiji).
- 8-Nishiki Gama. 9-Madame de Galhaud. 10-Madame d'Hour. 11-Livingston. 12-Madame Bulliet. 13-Zoe Calot. 14-M. Lemonier. 15-Madame Geissler.
- 16-Comte de Gomer. 17-Diana (Sami-Jishi). 18-Charles Bieder. 19-Madame Mugssart. 20-Lady Anna. 21-Madame Jules Calot.
- 22-Madame Moreau. 23-M. Bouchardat. 24-Dorchester. 25-Charlemagne. 26 M. Emile Gallie.

3. Best collection of varieties in various shades of rose pink, not less than three nor more than six flowers each. Peterson Nursery, first, with *Eclaveur*, Mme. Muysart, *Model of Perfection*, Mme. Camille Bonsall, M. Boucharlat aine, Gen. Bedeau, Jules Calot, *Wistaria*, Carmen, Mme. Herre, Mme. Forel, *Triomphe de l'Exposition de Lille*, *Duchess de Theba*, Gen. Cavaignac.

4. Best collection of varieties salmon and flesh-colored, not less than three nor more than six flowers each. Peterson Nursery, first, with *Beaute de Villicante*, Mme. Muysart, *La Rere*, *Gismonda*, European Model of Perfection, M. Barral, *Triomphe de l'Exposition de Lille*, *Delicatissima*, *La Perle*, *Pasteur*.

5. Best collection of white varieties, not less than three nor more than six flowers each. Peterson Nursery, first, with James Kelway, M. Dupont, Mme. Crousse, *Festiva Maxima*, Mme. de Verneville, *Festiva*, *Couronne d'Or*, Marie Lemoine.

6. Best collection of varieties, cream white and light yellow, not less than three nor more than six flowers each. J. F. Rosenfield, West Point, Neb., first, with *Grandiflora Alba*, *Papaveriflora*, *Queen Victoria*, *Hovey's Double*, *Chinesis Alba*, *Virgo Maria*, Mme. Crousse; Peterson Nursery, second.

7. Best collection of crimson varieties, without stamens, not less than three nor more than six flowers each. Peterson Nursery, first, with Mme. de Boulemont, *Wistaria*, L' *Eclalante*, M. Krelage, *Emile Lemoine*, Gen. Dorast; J. F. Rosenfield disqualified, his flowers containing too many stamens.

8. Best collection of crimson varieties, with stamens, not less than three nor more than six flowers each. Peterson Nursery, first, with *Atrosanguinea*, *Delachei*, Gen. Dodds, M. Crousse, *Armandine Mechin*, Mme. Bucquet, *Count Tharare de Choiseul*, *Adolphe Rousseau*, *Nigricanos*.

9. Best collection of tricolor varieties, including flowers with guard petals, collarette and center petals of different colors, not less than three nor more than six flowers each. Peterson Nursery, first, with *Prolifera Tricolor*, *Beaute Fraucalse*, *Princess Beatrice*, *La Coquette*.

10. Best twelve specimen varieties, twelve blooms of each variety. Peterson Nursery, first, with Marie Lemoine, *Festiva Maxima*, Mme. Calot, *Potsii Alba*, *Princess Beatrice*, *Modeste Guerin*, *Purpurea Delachei*, *Model of Perfection*, *Livingston*, *Delicatissima*, *Golden Harvest*, *Marchal MacMahon*.

11. Best one hundred blooms, *Festiva Maxima*, Vaughan's Seed Store, first; Peterson Nursery, disqualified, insufficient number of blooms.

12. Best one hundred blooms pink, any shade. Peterson Nursery, first, with *Livingston*; J. F. Rosenfield, second, with *Floral Treasure*.

13. Best one hundred blooms crimson, E. A. Reeves, Cleveland, O., first, with *Lee's Grandiflora Rubra*; J. F. Rosenfield, second, with seedling No. 206.

The following received honorable mention: C. W. Ward, for extensive collection of peonies; Vaughan's Seed Store, for collection of herbaceous flowers and *Baby Rambler* roses; Klehm's Nursery, *Arbington Heights*, Ill., for fine collection of peonies artistically arranged.

In the other classes provided for commercial and amateur growers there were no entries.

A Few Modern Peonies.

(WITH SUPPLEMENT.)

At the last meeting of the Peony Association of the Society of American Florists, held in Philadelphia, Pa., the idea of putting as many of the good varieties of peonies as possible on record in the shape of photographs was favorably commented on and acting on the hint the writer made some effort during the late flowering season (1904) to make a commencement with that work. Lack of time made it impossible to get more than a few last year but it is hoped that the beginning here made will be supplemented in years to come until the records of the peony become as full in this respect as those of the rose or chrysanthemum. Heavy rains during the first week in June, especially just before



KLEHM'S FOUNTAIN OF PEONIES.

(Exhibition of the American Peony Society, Chicago, June, 16-17, 1905.)

most of these photos were taken, ruined many of the most perfect flowers and allowance should be made for that fact in judging the varieties. The thanks of the trade are due the AMERICAN FLORIST, which has very kindly undertaken to bear all expenses in connection with the taking of these photos and the publication of same with the understanding that when the S. A. F. comes to publish its peony album the society can have the free use of the plates. Names and descriptions of the varieties photographed follow:

1. *Couronne d'Or*.—Fine creamy white with yellow reflection; red marks on central petals; fragrant.

2. *Alfred de Musset*.—Pale rose, a well formed, full double flower of good size and form.

3. *M. Dupont*.—Fine white, loose but quite double, medium, no guard, fine shape.

4. *Mlle Desbuisson*.—Pale pink, shading to deeper at base of petals, medium size, flat, no collar, irregular form.

5. *Flamboyant* (*Kame-No-Kegoromo*).—Light crimson verging on magenta with center petaloids bright golden yellow. The Japanese name of this variety means "Turtle's holiday attire," which is meaningless in our language. The English name selected is suggestive of the brilliant blending of crimson and gold in the flower. Registered with the S. A. F. Peony Association.

6. *Bonfire* (*Same-Gonoko*).—Carmine, central petaloids yellow; the photograph was not a success, and the specimen hardly did this variety justice anyway. Hope to get a better of both next season. Registered with S. A. R. Peony Association. The English name is suggestive of the color and is not a translation of *Same-Gonoko* (album for paintings).

7. *Cherub* (*Mine-No-Momiji*).—Guard petals white tinged with pink at base; center petaloids white merging to yellow at base; a lovely flower of medium size. Registered with S. A. F. Peony Association, No. 22.

8. *Nishiki-Gama*.—Apparently somewhat similar in color and form to *Cherub* but smaller. This from memory. I have lost my descriptive notes on this one and cannot give same correct until next year.

9. *Madame de Galhan*.—Beautiful soft pink, enormous flowers of perfect form.

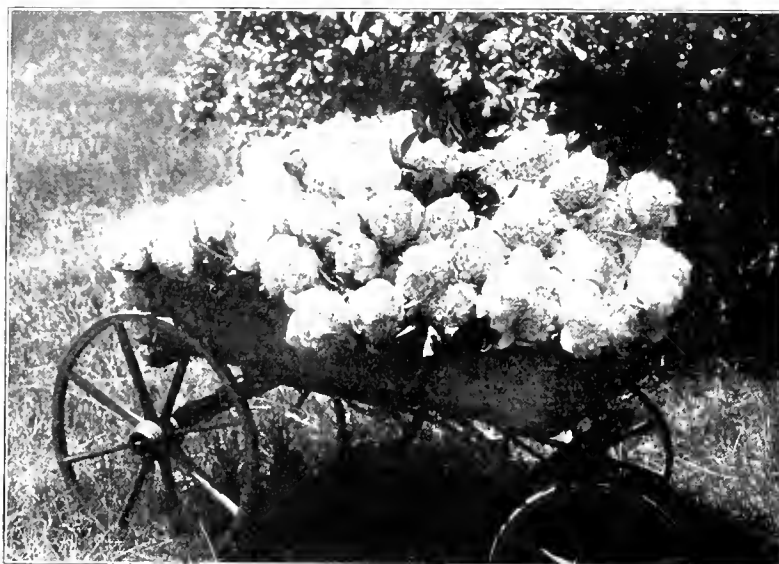
10. *Madame d'Hour*.—Flesh bordered white, good size, somewhat irregular in form but an attractive flower.

11. *Livingston*.—Pink, round, no collar, a full double, well formed flower.

12. *Madame Bollet*.—Bright light rose, shading to darker in center, medium size, fine form, a beautiful variety.

13. *Zoe Calot*.—Delicate light rose, medium size, fragrant.

14. *M. Lemonier*.—White with blush guard, large, loose, conical.



MODEL OF PERFECTION PEONIES AS GROWN AT PETERSON'S NURSERY, CHICAGO
(A fine shipping variety.)

15. Madame Geissler.—Pale rose, border petals white, a large flower full double, good form.

16. Comte de Gomer.—Dark purple, large, full, very double. The garden label on this variety is Comtesse de Gomer, but I believe Comte de Gomer is the correct name.

17. Diana (Isami-Jishi).—I am investigating this one, the specimen photographed does not correspond either in color or form to the plant registered with the S. A. F. Peony Association. Should be pink and almost full to center, while this is a dark red and with only one row of guard petals.

18. Charles Binder.—Bright carmine, rose scented, medium size, slightly fragrant.

19. Madame Muysart.—Lively rose, a large, full double flower, of fine form.

20. Lady Anna.—Pink, medium size, round and perfect.

21. Madame Jules Caiot.—Flesh white, tinted rose on guard petals, fine form and free.

22. Madame Moreau.—Pink, blush center, fragrant.

23. M. Boucharlat.—Bright pink, round, perfect shape, very double, well expanded. The photograph does not do this one justice.

24. Dorchester. — Daybreak pink, very double, fragrant, fine form (Richardson Seedling). This is the only Richardson peony of which I have been able to secure a photograph. Hope to get Rubra Superba, Milton and others next year.

25. Charlemagne.—Flesh white, shading to pink at center, very large and fine form. A strong, robust plant and free bloomer.

26. M. Emile Gallee.—Pale pink, good size and form, strong grower.

SPECIAL.

Should any peony grower have any plants with any of the foregoing names with which these descriptions do not agree the writer will consider it a favor if particulars are sent him so that discrepancies at either end may be rectified.

GEORGE C. WATSON.

New York.

MARKET WEAK.

The influx of cut flowers is very heavy, and the demand is light. Under these conditions the market is weak and the establishment of prices, except in a few instances, is impossible. Early customers pay higher prices than late comers, but have the advantage of selection, and it is this class of buyers whose trade makes the maximum quotations. Later it is everybody's market, and the highest bidder receives most attention. Outside stock is prolific and covers a wide range of commodities. Tuesday's receipts included feverfew, stocks, bluebell, larkspur, cornflower, gladiolus, coreopsis, daisies, *Lilium candidum* and many other varieties. Peonies have shortened up considerably and good stock brings fair prices. Roses are plentiful enough in the poorer grades, and of necessity are sacrificed on quality. Good stock is in demand and moves quickly, at maximum prices. Carnations

are more than plentiful and the bulk of arrivals is low in grade. The better sorts find customers at prices which accord with the season. Lily of the valley is plentiful, but does not seem to move well, and it is hard to get top prices. The supply of sweet peas is increasing, and the majority of the stock offered brings only small prices. Orchids seem to fluctuate least of anything, and move fairly well, although the supply is perhaps greater than in previous seasons. *Adiantum Croweanum* is in larger supply than heretofore, but prices hold up fairly well where the quality is high. Asparagus meets the demands, although high grades are a little short in supply.

THE CLUB OUTING.

The programme for the fifth annual outing of the New York Florists' Club is out. The members and visitors will leave the foot of East Thirty-first street at 9:45 a. m., Wednesday, June 28, by the steamer "Isabel," for Glenwood-on-the-Sound, accompanied by the Metropolitan band and orchestra, which is to furnish the music for the day. The sports include twenty-seven events, most of them running races. Others are a baseball game, married versus single; bowling matches, both open and for ladies; sack race, potato race and putting the fifty pound weight. For the latter event a prominent Twenty-eighth street wholesaler is in training, and he may be seen in spare hours chucking a fifty pound rock to distances highly gratifying to himself. Married ladies and children have numerous events reserved for them; in fact, they predominate, and there are probably as many events for the men as they will care to tackle. President Traendly is emphatic in his request that all who intend to take part in the outing buy tickets at once, as the services of the committee are honorary and it is unfair to saddle them with problems of preparation at the last moment.

The steamer Isabel will leave the wharf, at Thirty-first street and East river, at 9:45 a. m., Wednesday, June 28th, and dinner will be served immediately on arrival at Glenwood. Music will be supplied by the Metropolitan band and orchestra. All who have not



FIELD OF PEONY FLORAL TREASURE.

(From photo supplied by J. F. Rosenfield, West Point, Neb.)



THE ROSE GARDEN, WASHINGTON PARK, CHICAGO, JUNE 18, 1905.

already secured tickets should do so at once, as the committee's services are entirely honorary and its duties in the way of preparation quite onerous. It is very necessary that the number to be provided for should be known at the earliest moment.

NOTES.

Risinger, the man who was arrested on the charge of robbing the greenhouses of the Julius Roehrs Company, at Rutherford, N. J., was at a hearing held in \$500 bail. For a long time the houses have been systematically robbed, and as the method followed in this robbery, was similar to that in previous thefts, the prisoner is under suspicion as being the guilty party. In making the raid on the Roehrs plant a wagon was left in charge of a boy in the yard and was almost filled with plants, when a trolley car approaching on the road, the horse took fright, dashed out and collided. The boy and horse disappeared, and Julius Roehrs, Jr., with his brother, Edward, returning home after midnight, found the wrecked wagon in the road, recognized their plants and secured enough evidence to put the police on the track of the accused. The plants, which were mostly pyramid azaleas, were taken from a large lath house, the pots being left behind.

The Burnham-Hitchings-Pierson Company, of Irvington, N. Y., has been incorporated to manufacture and operate greenhouses with a capital of \$2,000,000. The incorporators are William A. Burnham, Irvington, N. Y.; Lyman B. Crow, New York; Henry F. Ford and Andrew Elder, Irvington, N. Y.; Charles Armitage, Charles G. Hall and E. W. Hitchings, Montclair, N. J.; Paul M. Pierson, Ossining, N. Y.; William Sef-ton, Jersey City, N. J., and Lincoln Pierson, Madison, N. J.

The marriage of Joseph S. Fenrich to

Miss Mollie Le Moutt, daughter of Adolph Le Moutt, the owner of two prominent establishments, was celebrated on Thursday, June 8. The decorations at the home of the bride's father were lavish, the event coinciding with the birthday of the bride. "Joe" has postponed the wedding trip to a period in July when business conditions in the wholesale market are less exacting than now.

A. Dietzenberger, of the late firm of Dietzenberger Brothers, of Bay Ridge, has purchased property at Demorest, N. J., to which he has retired. George F. Dietzenberger, his son, who was long connected with the Dietzenberger greenhouses, has gone into the steam heating business with a prominent local concern.

Gustave C. C. Schrader of Elmhurst, L. I., has hung a big sign in the New York Cut Flower Exchange to promote his line of smilax, adiantum and asparagus. Frank Millang and Bonnot Brothers are the agents for his produce.

Early closing is now the custom in wholesale districts. The New York Cut Flower Company is closing at 3 p. m. In other circles the hour of closing is 5 o'clock, and after July 1 the hour will be 4 o'clock.

The Johnston Company is the name of a new concern catering to florists in the matter of greenhouse heating with offices at 1133 Broadway. Mr. Johnston, the head of the concern, was formerly with Hitchings & Company.

H. A. Molatsch & Son, of Brooklyn, have abandoned the plant occupied by them for a number of years and have moved to Nanuet, N. Y., where they will continue business.

John R. Bennett, trustee of the New York Botanical Garden, was among the killed of the ill-fated Lake Shore train wreck at Mentor, O., June 21.

N. Lecakes arrived home last week, and is receiving congratulations from his friends on his marriage to a fair daughter of Greece.

J. K. Allen is receiving regular shipments of *Adiantum Croweanum* at his Twenty-eighth street store. The quality is excellent.

Charles Loechner, of the firm of Suzuki & Iida, has returned from an extended European tour in the interests of his firm.

Alfred Dimmock, representative of Sander & Sons, St. Albans, England, sailed for home on the *Lucania* June 17.

W. H. Trumppore, buyer for J. H. Small & Sons, is confined to his house with a severe attack of rheumatism.

George M. Stump and wife sailed last week for Europe, where they will spend the summer.

John Young is receiving some grand peonies from C. W. Ward of Cottage Gardens, Queens, L. I.

James Weir's Sons have sold the lease of their upper Fulton street store to the lessor.

Chicago.

MARKET DULL.

The lateness of the season, in connection with warm weather, has made business pretty slow for the past week, some days picking up a bit, and a fair trade resulting. June weddings and school commencements moved stock to some extent, but this week will see the end of these. There has been small demand for carnations, and stock generally has been poor. Those who have good late stock will be able to get good prices. The past week best shipping qualities have seldom brought over \$2, and prices range from there down, too low to be quoted. Good Bridesmaids are scarce, most of the roses received being soft

and off color. The Brides are smaller, but more plentiful than Bridesmaids. Prices on good commercial grades ranged from \$2 to \$6, some fancy stock of Liberty and Kaiserin bringing as high as \$10, although large quantities of stock sold far below the latter prices. Peonies continued at from 25 to 75 cents a bunch for good ones. Sweet peas were a glut and the best brought 50 cents per 100. Longiflorum lilies moved fairly well at \$1 to \$1.25. Some nice water lilies have been sold at 25 cents per bunch. Large quantities of new ferns have been selling well at from \$1 to \$1.50 per 1,000; smilax and Asparagus Sprengerii and plumosus brought from \$1.50 to \$3. Shipping has held up fairly well, but the season's business is practically over.

The rose gardens at Jackson and Washington parks were at their best last week and thousands of citizens were out to see them June 18. The heavy rain-storm of the previous day had marred their beauty somewhat, but they were still very pleasing to the visitors. The garden at Washington park is gradually filling out and the plants show a marked advance over last year. The old favorite varieties are all in evidence and each year serves to confirm the statement frequently made in these columns that Mrs. John Laing is one of the very best roses for this latitude.

A collection of peonies was stolen from the cellar of N. C. Moore & Company on Thursday night. They were in prime condition and had been entered for competition in the peony exhibition.

A party consisting of N. J. Wictor, Adam Zender, John Muno and son, Henry, departed last Saturday for Manitowish, Wis., in which vicinity they will enjoy a two weeks' fishing trip.

W. W. Randall, of the A. L. Randall Company, has returned from a two weeks' vacation, having visited Aurora, Elgin, Joliet, Waukegan and numerous other nearby towns.

Among the visitors last week were Alfred Peterson and Ed. Marriott, of the Woodland Park Floral Company, Seattle, Wash., on their way to Europe for a three months' tour.

The George Wittbold Company will build a new office, size 20x36 feet, adjoining their store, and will continue the display front of the building west to the alley.

C. L. Shanks and wife, of Newton, Kan., arrived in Chicago last week. After a visit to Hillsdale, Mich., they will return to Chicago for a few days.

C. W. Ward, who has spent a few days among the Chicago trade, left for the east Wednesday afternoon.

Many growers have finished planting indoor stock and most others will complete this work within ten days.

Mrs. J. B. Deamud and son departed for their summer home in Michigan, June 22.

George W. Ticker, the Michigan fern king, was in this market June 19.

Visitors: J. G. Crozier, Cedar Rapids, Ia.; John R. Elder, Sioux City, Ia.; John Christiany, Sheldon, Ia.; James Aldous, Iowa City, Ia.; W. H. Culp, Wichita, Kan.; J. B. Braidwood, Colorado Springs, Colo.; August F. Beyer, South Bend, Ind.; L. H. Emmons, of the Cedar Rapids Floral Company, Cedar Rapids, Ia.; W. L. Morris, Des Moines, Ia.; L. C. Chapin, Lincoln, Neb.

BEVERLY, MASS.—George W. Glines will add another greenhouse to his already extensive establishment

Philadelphia.

SUMMER CONDITIONS APPROACHING.

Things have taken a sudden drop and summer conditions are rapidly setting in. The burst of hot weather the latter part of last week and continued into this has had its effect on roses, American Beauty, Bridesmaid and Bride showing it most. Good stock of these varieties from the east is being received by the Leo Niessen Company and S. S. Pennock. Peonies are out of season; good sweet peas from outside stock are now to be had in abundance and are very popular with the buyers. Carnations are getting weak, there being but little demand except for whites or the fancies. Pond lilies are coming in freely and make cheap and appropriate window decorations.

The Philadelphia Rambler is, we believe, destined to eclipse its parent in the near future. As seen about this city, the color is better, it being a darker shade. It is also clear and distinct, while most of the original Rambler are off color on account of mildew, which seems to affect it badly. The Philadelphia is also a prettier individual flower, each blossom being regular in shape. They do not cluster so heavily as the Crimson, each floret standing out by itself. While on this subject, we cannot help saying a good word for the pink climber Dorothy Perkins. This seems to have every point of excellence. The color, the most important feature in a rose, is a most pleasing shade of pink and the bud as it opens out is long and pointed and the flower when open is of good form. The stem or branch that bears the cluster is strong and keeps it well in place and which is also a good feature when cut. The clusters are of good size and make attractive effects in decorations. The foliage is a pretty glossy green that is not affected with mildew. It is as strong a grower as the Crimson Rambler and forces well in pots, though not quite so early. It will become very popular and every florist should lay in a stock, as it is a sure money maker.

William F. Gude was in town to attend the opening of the Waretown Gun Club and incidentally to see John Westcott about the sports at Washington in August next. He is very enthusiastic over the prospects of a large attendance and hopes it will be greater than the last meeting in his city, which broke the record. He says all

who come will be well cared for and sent away happy.

Harry Faust, of Merion, supplied the Strawbridge & Clothier department store with 20,000 cut roses for one day's distribution at their rose festival June 10. All of the roses were supplied him by Fred Ehret.

Pennock Brothers had a very pretty window decoration of Crimson Rambler roses. There were three arches, well covered and arranged as if growing. It attracted considerable attention.

Godfrey Aschmann is wearing his usual smile these days and says that his 5,000 araucarias of this spring's importation are doing finely and his general stock never looked finer.

At a meeting of the creditors of Robert Craig & Son, June 18, half of the merchandise indebtedness was paid off and satisfactory arrangements made for the remaining creditors.

August P. Dumont, aged seventy-three, father of Horace Dumont, of H. Dumont & Company, of this city, is dead. The funeral services were held on June 13.

William Leonard, of Lansdowne, has erected a pair of houses on the Dietsch plan, but with wooden gutters. He says, if well painted, they are very effective.

A. Muller, Sixty-seventh and Elmwood, is rebuilding several old houses which will be a great improvement when finished. K.

Boston.

The market has been exceptionally quiet this week, prices falling away off and there being but a small local demand. Carnations are down to 25 cents per 100, with a very few fancies selling at \$3 per 100. Good roses are still bringing good prices, this being particularly true of Liberty. There has been an exceptionally poor crop of Jacqueminot roses this year, the stems being short and the flowers of very poor quality. The growers say they never saw a poorer crop. Brunners of the better grade are also very scarce. This poor quality of the roses is due in great measure to the exceedingly dry season, there having been no good rains until the middle of this week. Peonies are now in their prime and appear to be of very good quality.

William A. Hastings, who has been with H. H. Rogers for the past three years as their salesman in the Park Street Market, is to sever his connection



PEONIES AT BOBBINK & ATKINS, RUTHERFORD, N. J.

with that firm on the first of July to accept a position with the A. H. Hews Company, of North Cambridge, the well-known pottery concern. His numerous friends wish him success.

At Holm Lea, the beautiful home of Prof. C. S. Sargent, the grounds and greenhouses, June 10, were thrown open to the public. About 2,000 persons availed themselves of the opportunity to inspect the botanical treasures in the professor's collection. The following day fully 5,000 passed through the grounds.

There will be a meeting of the creditors of James W. Newman, room 735, 18 Tremont street, at 10 a. m., June 23, for the allowance of claims, after which a dividend will be declared.

E. Sutermeister, who was seriously injured in a runaway accident about two months ago, is now around again.

H. P. S.

St. Louis.

MARKET IMPROVES.

The market last week was slightly improved owing to June weddings, school closing exercises and funeral work. Otherwise everything is at a standstill. The hot weather has had a bad effect on stock in general. Roses are coming on soft and very small and in some cases carnations are mildewed. Sweet peas are still coming in but stems are becoming very short and should the heat continue a few days it will finish these.

J. C. VAUGHAN A HOST.

J. C. Vaughan arrived June 19 from San Francisco enroute to Chicago. He has been absent from Chicago for four months and has been traveling with Mrs. Vaughan for the benefit of her health. We are happy to report that Mrs. Vaughan's health has shown a great improvement. Mr. Vaughan is now in fine trim to preside at the S. A. F. meeting at Washington in August. Mr. Vaughan expressed a desire to meet some of the officers of the St. Louis Florists' Club and the Growers' Club. They gathered at Lippe's cafe and were elaborately entertained by Mr. Vaughan at a banquet. The host spoke at some length. He desired a full attendance at the convention next August and hoped he would meet many St. Louis florists and their neighbors. Among his guests were Charles A. Juengel, president of the Florists' Club; F. J. Fillmore, Otto Koenig, Fred Meinhardt and J. J. Bencke.

Mr. Vaughan also urged that the Florists' Club and the Growers' Association should affiliate in the coming flower show this fall.

NOTES.

The St. Louis Palm & Floral Company, M. Silverstone, manager, keeps its store on Olive street always filled with a large selection of cut flowers. This firm does an extensive trade, catering to the general public at low prices.

Otto Koenig and Fred Meinhardt will go to Washington in August to boom the flower show which will be under the auspices of the St. Louis Florists' Club next November.

Grimm & Gorley have just put in an elegant ice box at their branch store, 517 Olive street. They report large orders for funerals, weddings and school exercises.

A. Jablonsky has completed his new houses and expects to have a fine crop of roses in addition to his carnations, which have been very successful.

The Bentzen Floral Company had a fine display at the high school closing exercises. The feature was over 100 shower bouquets of field daisies.

W. Bierstadt of Springfield, Ill., is now on a visit here. He is making a specialty of growing fancy dahlias. H. G. Berning handles this stock.

The Egging Floral Company reports a very busy and prosperous season. Gus is now busy refitting and modeling for the fall trade.

The Englemann Botanical Club held its annual meeting in the St. Louis high school botanical rooms this week.

Chas. Dauernheim, Jr., of Kimmswick, Mo., is shipping some fine Enchantress carnations to this market.

Robert Meinhardt, formerly with C. A. Kuehn, has opened a retail store on the west end.

Baltimore.

DULL SEASON OPENS.

We are nearing the ebb of the commercial season; the June weddings are nearly things of the past; the exodus to the seashore, the mountains and to trans-atlantic resorts is at its full height, so that the florist's business from now on to the middle of September may be described as one of dullness, hoping and waiting. There are a great many flowers still coming into the market, and they are picked over and over, first, second and third selections made as the demand shows itself, and then to the dump with the mediocre and inferior grades. There are some passably good American Beauty, some really fine Kaiserin, Victory and Cochet, of which myriads may be soon expected. Carnations are poor enough in quality; phlox and other hardy stuff is of too ample supply. There is much variation as to weather, some days the mercury going into the regions of the nineties, but there have been copious rains and vegetation is fresh and lively.

NOTES.

The committee of the Gardeners' Club, to whom is entrusted the preparations for receiving and entertaining the members of the Society of American Florists during the convention in the city of Washington, went June 16 to White Marsh and spent the day with Richard Vincent, Jr., who is the vice-president for Maryland of the national society, and conferred with him as to the arrangements. No publicity is given their conclusions, but it is sure that such steps are to be taken that all the visiting members of the craft coming to Baltimore will be received, entertained and cared for in a manner which will be acceptable to them and consistent with the reputation of our people for hospitality, whether they come singly, in groups or in delegations. After a bountiful dinner Mr. Vincent's guests were shown over his establishment and given a chance to estimate the immense business done in the production and sale of flowering and vegetable plants. The firm proposes during the summer to add to their glass, erecting a commodious office building, installing an electric light plant, and making other improvements which will be conducive to prompt transaction of the enormous traffic in which the firm is engaged. Mr. Vincent and one of his sons will go abroad this season in the search of novelties, especially in the line of geraniums. They will visit England, France, Belgium and the channel islands.

George V. Smith is about abandoning his store at the corner of East Baltimore and Lloyd streets. This is one of the oldest stands in Baltimore for the florist business and the glass structure over the store has been for many years one of the landmarks of that section. Conditions have changed and trade ceased to be profitable.

Peter C. Erdman, on Harford road, is building a new house 35x100 feet for Asparagus plumosus, and will add largely to his glass in carnations.

G. V. Fox has moved his store from Linden to North avenue. S. B.

San Francisco.

PACIFIC COAST HORTICULTURAL SOCIETY.

The Pacific Coast Horticultural Society held a regular meeting June 3, and entertained the visiting members of the Hortensia Club, of Oakland. Nearly fifty members were present, Vice-President Eldred being in the chair. A feature of the meeting was the discussion of the Japanese question, following which resolutions were adopted opposing the admission of Japanese to this country, and copies were ordered to be mailed to the congressmen. J. C. Vaughan, of Chicago, was present and was elected an honorary member. Refreshments were served and humorous recitations given by R. Nunnemacher, of Oakland, with music by the club trio.

The exhibition committee was directed to confer with the California State Floral Society with regard to the fall show which the latter society has decided to hold in November. Sievers & Company were awarded a certificate for a vase of their pink carnation, Hannah Hobart.

NOTES.

The California State Floral Society will hold a fall exhibition in the grand nave of the Ferry building the latter part of October. Steps are being taken to make the show one of the best ever held and gold and silver medals of the society together with special cash awards will be offered as premiums.

Louis Goertzheim, of Redwood City, and well known here, was the victim of a hold-up man June 5, losing \$180.

Announcements are out for the fall show, which, it is hoped, will be taken care of by all the trade.

E. W. McLellan is taking a week's vacation trip through the redwood wilds of Del Norte county.

Golden Gate park is now in fine condition and is thronged with visitors on Sundays.

L. Manning, formerly on Stockton street, is now located at 378 Sutter street.

Pete Ferrari's new McKimney trotter is supposed to be a speed wonder.

Ferrari Brothers are adding 6,000 feet of glass to their plant.

Charles C. Cohen will shortly remove to 248 Sutter street.

The loss of M. Lynell is sadly felt by the whole trade.

Geo. C. Clark has gone to the Portland fair.

Pete Ferrari is busy with his 2,120 trotter.

Boston, Mass. The Halfus Flower Company was incorporated with a capital of \$5,000 June 13, with J. P. Dunn, Boston, president, and T. L. Kelley, Roxbury, Mass., treasurer.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from those
in the trade.

Advertisements, on all except cover pages,
10 Cents a Line, Agate; \$1.00 per inch.
Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive inser-
tions, as follows: 6 times, 5 per cent; 13 times,
10 per cent; 26 times, 20 per cent;
52 times, 30 per cent.

Space on front pages and back cover page sold
only on yearly contract at \$1.00 per inch, net.

The advertising department of the AMERICAN
FLORIST is for florists, seedsmen and nurserymen
and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Monday to
secure insertion in the issue of the same week.
Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send
the old address at the same time.

THIS ISSUE 54 PAGES WITH COVERS AND SUPPLEMENT.

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THE peony girl on our front cover
page is Gertrude Peterson, daughter of
Wm. A. Peterson, Chicago.

We are indebted to the Massachu-
setts Horticultural Society for the por-
trait of John Richardson, an early
authority on peonies, which appears in
this issue.

THE glass jobbers are to hold another
meeting June 27, at which time a further
advance in glass is likely. Some green-
house sizes are reported extremely
scarce.

Premium Lists, Schedules, Etc.

We are in receipt of the following
from the officers of the societies named:

Newport Horticultural Society, prem-
ium list for the annual rose and straw-
berry show, to be held June 27, 28
and 29.

Morris County Gardeners' and Flo-
rists' Society, schedule of classes for the
tenth annual flower show, to be held at
Madison, N. J., October 26 and 27.

Meetings Next Week.

Baltimore, Md.—Gardeners' Club of
Baltimore, Royal Arcanum building, 18
W. Saratoga street, June 26, at 8 p. m.

Cleveland, O.—Cleveland Florists'
Club, Progress Hall, 244 Detroit street,
June 26, at 7:30 p. m.

Grand Rapids, Mich.—Grand Rapids
Florists' Club, Board of Trade rooms,
Pearl street, June 26.

Lake Geneva, Wis.—The Lake Geneva
Gardeners' and Foremen's Association,
rooms of the Lake Geneva News, July
1, at 8 p. m.

New London, Conn.—New London
County Horticultural Society, Elks Hall,
June 28.

San Francisco, Cal.—Pacific Coast
Horticultural Society, July 1.

Tarrytown, N. Y.—Tarrytown Horti-
cultural Society, June 29.

Society of American Florists.

The Central Passenger Association,
which controls the territory east of and
including Chicago and St. Louis, has
authorized a rate of one and one-third
fare on certificate plan, in co-operation
with rate announced by Trunk Line As-
sociation, for persons attending the S. A.
F. convention at Washington, D. C.,
August 15-18, 1905.

The Western Passenger Association,
which controls the territory westward
from Chicago and St. Louis to Cheyenne,
Wyo., and including all points in Colo-
rado, has authorized a rate of one and
one-third fare on certificate plan, in
co-operation with rate announced by the
other passenger associations for persons
attending the S. A. F. convention at
Washington, D. C., August 15 to 18,
1905. This extends the concession to the
whole territory from which members are
likely to travel, with the exception of the
Pacific coast, which is not under the
jurisdiction of any passenger associa-
tion.

Full instructions as to how to pur-
chase tickets and secure certificates
entitling the passenger to reduced rates
will be published in the prospectus in
July, and in all the horticultural trade
papers.

DEPARTMENT OF PLANT REGISTRATION.

The Conard & Jones Company, West
Grove, Pa., submits for registration Rose
American Pillar. Described as plant of
climbing habit; growth most vigorous;
foliage very large and glossy; flower
clear, rosy pink, single, three inches in
diameter, produced in enormous clusters
and great abundance; very durable and
fragrant.

Also, Rose Birdie Blye, Helen x
Bon Silene. Described as an ever-
blooming climber, producing clusters of
blooms during the whole growing sea-
son; flowers, large, very double; color,
beautiful rosy carmine and of delightful
fragrance.

WM. J. STEWART, Sec'y.

The Yearbook of Agriculture.

We are in receipt of the Yearbook of
the United States Department of Agri-
culture for 1904, a well illustrated vol-
ume of 770 odd pages, containing much
information of interest to the various
departments of the trade. Among other
papers the following occur to us as
likely to be of much interest to our read-
ers: "The Relation of Plant Physi-
ology to the Development of Agriculture,"
by Albert F. Woods; "Growing Crops
Under Glass," by B. T. Galloway; "New

Citrus Creations of the Department of
Agriculture," by Herbert J. Webber and
Walter T. Swingle; "The Relation of
Birds to Fruit Growing in California,"
by F. E. L. Beal; "Sugar-Beet Breed-
ing," by J. E. W. Tracy; "Some Uses
of the Grapevine and Its Fruit," by
George C. Husmann; "Promising New
Fruits," by William A. Taylor; "The
Annual Loss Occasioned by Destructive
Insects in the United States," by C. L.
Marlatt.

The paper by B. T. Galloway will be
found especially interesting to all green-
housemen.

American Rose Society.

The meeting of the executive commit-
tee of the American Rose Society was
held at Hartford, Conn., June 19, those
in attendance including Alex. Mont-
gomery, Natick, Mass., W. J. Stewart,
Boston, Mass., Robert Simpson, Clifton,
N. J., Robert Montgomery, Wellesley
Mass., H. A. Siebrecht, New Rochelle,
N. Y., F. R. Pierson, Tarrytown, N. Y.,
A. Farenwald, Roslyn, Pa., A. Hans,
Stamford, Conn., and Mr. Beckley of
Harrishurg, Pa. The visitors were met
by Theodore Wirth, superintendent of
parks, and J. F. Huss, president of the
Florists' Club, and escorted to Elizabeth
park, where luncheon was served and
the famous rose garden inspected. At
the business meeting arrangements were
made for an exhibition to be held in
Boston, Mass., next fall, and the party
was then taken over the park system in
automobiles. At the banquet tendered
the visitors at the Hartford club the
rose decorations were most elaborate,
and speeches were made by Alex. Mont-
gomery, F. R. Pierson, Theodore Wirth
and A. Farenwald. C.

Detroit.

Decoration day business was very
good and far surpassed the trade of the
same event a year ago. The greatest
amount of stock was shipped out to
smaller towns throughout the state, and
while the supply of all seasonable flow-
ers was large there was no surplus of
anything. The planting season this year
was delayed owing to the unusually cold
and wet weather prevailing the past
month, but at present the rush is on and
indications point to a clean up in all
bedding stock. June weddings and com-
mencement exercises are on in full force
and keeping the supply of all kinds of
flowers well consumed. Peonies are
now in full crop and are found most
useful.

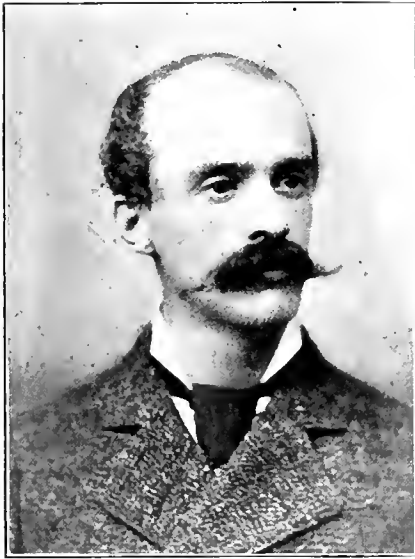
The Florists' Club meeting, June 7,
was well attended. Arrangements were
made for an outing to Toledo June 28.
A special car on the new electric line
will be engaged for the occasion. Efforts
will be made to have a special car well
filled from here to attend the convention
at Washington.

The civic improvement committee has
distributed 80,000 seeds to the children
of the Detroit public schools. A com-
petitive exhibition of the flowers grown
will be made in September. The prizes,
aggregating \$75, are donated by the
Detroit Florists' Club and John Breit-
meyer's Sons.

J. H. Dunlop and his wife, of Toronto,
Ont., are attending the Knights Tem-
plars conclave here this week.

Visitors: Leonard Vaughan, Chicago;
Chas. Fruch, Jr., Saginaw, Mich.;
Arnold Ringier, Chicago; Harry D.
Byers, Dayton, O. J. F. S.

OBITUARY.



The Late James Denham.

John Orr.

John Orr, Sr., father-in-law of T. L. Metcalf, who has greenhouses at Hopkinsville and Madisonville, Ky., died last week, aged seventy-six years. For the greater part of his life he took especial interest in greenhouse work. Prostration by heat caused his demise.

William Liversage.

The funeral of William Liversage took place at Ware, Mass., June 7. Mr. Liversage was a native of England and at one time a resident of Cambridge, Mass., where he was engaged in the floral business. Later he removed to Fitchburg, where he continued a business for twenty-five years. About five years ago he moved to Ware to reside with his son, William E. Liversage.

Thomas Hinchliffe.

Thomas Hinchliffe, 506 Wisconsin street, a well-known florist of Racine, Wis., died of stomach trouble shortly after midnight Sunday, June 11, aged 62 years. He leaves a widow, two sons and two daughters. Mr. Hinchliffe was born in England March 15, 1843, and came to this country when a young man, making his home in Boston, where he was connected with the weaving industry. In 1891 he went to Racine as superintendent of the Racine Woolen Mills, which position he held until a few years ago, when he retired and opened a flower store on Wisconsin street. He had been enjoying excellent health until about six weeks ago, at which time he was forced to take to his bed.

James H. Denham.

James H. Denham, better known as Jim Denham to the trade, died at Los Angeles, Cal., May 29, and was buried at Rosedale cemetery in that city, leaving a wife to mourn his loss. Mr. Denham was a seedsman of the old school, and was born in Edinburg, Scotland, September 9, 1850. His early knowledge of the business was acquired in the extensive seed houses of Dublin, Ire., and

London, Eng. Coming to this country while yet a young man, about twenty-three years old, he entered the employ of Harvey Brothers, Rochester, N. Y. In 1880, Mr. Denham moved to Los Angeles, Cal., and soon interested Eugene Germain in the seed business and through him the seed department of the Germain Fruit Company was established. He remained with this firm with brief interruptions until his death. The Horticultural Association of Southern California adjourned its regular meeting out of respect to his memory and adopted resolutions of sympathy with his wife.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST or the year 1905 is entitled to a five-line WANT ADV. (situations only) free to be used at any time during the year.

Situation Wanted—As gardener; German, married, one child; 19 years' experience. All references. Box 345, American Florist.

Situation Wanted—By young man of 25 as store man in first-class retail store in or out of Chicago. Box 352, care American Florist.

Situation Wanted—As foreman, rose, carnation and general cut flower grower; Chicago or west preferred; All references. Address GEORGE BROWN, Earncliffe, Ottawa, Canada.

Situation Wanted—By English gardener, single, age 26 years; experienced in all first-class gardening. First-class references. Address GEORGE BROWN, Earncliffe, Ottawa, Canada.

Situation Wanted—As assistant on a first-class private place by a young Danish man, age 23; experienced in general greenhouse work and vegetables. Best of references. Address Box 348, care American Florist.

Situation Wanted—By an all-around gardener and florist, married, capable of taking charge of a private or reliable commercial place; good rose, carnation and 'mum grower. Address 66 P. O. Virginia Beach, Virginia.

Situation Wanted—By July 20, 1905, by an up-to-date grower of roses, carnations, 'mums and all kinds of first-class greenhouse stock; can take charge. Good wages without board. Chicago references. Box 349, care American Florist.

Situation Wanted—Gardener and florist, 29, single, position to take charge of gentleman's private place; 14 years' experience in fruits, flowers and vegetables under glass and outside. Best of references. Address Box 350, care American Florist.

Situation Wanted—Gardener, German, 30 years old, no children, 15 years' experience in landscape gardening, greenhouse, fruit and vegetable, wants position as care-taker on gentleman's place, July 1 or later; best of references. Box 333, care American Florist.

Situation Wanted—By Bohemian (engaged) representing European firms in bulbs, seeds, nursery stock, etc.; speaks Russian and German; wants position with American firm. References given. Letters stating full particulars. Address Box 339, care American Florist.

Situation Wanted—As manager of wholesale or retail store by a young man of thorough experience in all branches of the trade; first-class designer and decorator; can furnish the best of references as to character and ability. Please state particulars in first letter. Address Box 346, care American Florist.

Help Wanted—Good all around florist, single. THE F. BLONDEL Co., Oak Park, Ill.

Help Wanted—A good grower of cut flowers. Address C. W. CROUCH, Knoxville, Tenn.

Help Wanted—An all around florist. Give references, age, and wages wanted. Address HINZ & Co., Leavenworth, Kan.

Help Wanted—Good grower of carnations and 'mums. References required; state wages. Box 351, care American Florist.

Help Wanted—Three good growers to work under foreman; steady work and good pay to right parties. Address G. M. KELLOGG, Pleasant Hill, Mo.

Help Wanted—A grower of roses, carnations, 'mums and general stock. State references, experience and salary expected. Address JUNCTION CITY FLORAL CO., Junction City Kan.

Help Wanted—At once, a strictly up-to-date rose grower; must be sober and reliable, with good references. Address INDIANAPOLIS PLANT & FLOWER CO., Indianapolis, Ind.

Help Wanted—Single man with practical experience in bedding and blooming plants. Give references, age, and wages wanted without board, in first letter. Address FUEHLBRUEGGE BROS., Winona, Minn.

Help Wanted—Young man with some experience in greenhouse work; wages, \$20.00 to \$25.00 per month, with room and board and chance for improvement; location near Chicago. Apply care E. F. WINTERSON CO., 45 Wabash Ave., Chicago.

Help Wanted—German florist who has been in this country two or three years to work in small nursery and greenhouse summers and take care of fires winter nights; a reliable married man with references. Address LEVANT COLE, Battle Creek, Mich.

Wanted—Address of Frank Fischer, formerly with the Chicago Carnation Co. Address A. GUDE & BRO., 1214 F St., Washington, D. C.

For Sale—Ten greenhouses, dwelling house and barn, in good order, at Chicago. Address Box 353, care American Florist.

For Sale—Growing florist store in town near New York. Will sell cheaper now than in fall. Address Box 338, care American Florist.

For Sale—4 inch cast iron pipe at 6c per foot. One Kroeschell boiler, extra large size, cost over \$500 for \$150. Address HELLER BROS., New Castle, Ind.

For Sale—Greenhouses and land; everything convenient for parties who wish to run a business on a small, medium or large scale. A rare bargain. Box 354, care American Florist.

For Sale—We have a number of 4 and 6-inch hot water gate valves in good condition, which we will sell at half price. Address THE GEO. WITTBOLD Co., 1657 Buckingham Place, Chicago.

For Sale—Five greenhouses, cold frame sash. Stock in good condition, excellent location in city of interurban and railroad center; a bargain. Reason, death of proprietor. Address Box 334, care American Florist.

For Sale—Three greenhouses 16x80, in a factory town of about 5,000. No competition; established 7 years. Not able to work. A chance of a lifetime. Address JAS. R. JOHNSTON, Danville, Ind.

For Sale—A good florist business in a western city of 60,000 can be purchased at a great sacrifice. Well established trade and prospects for future bright. Is worth \$1,700, but will dispose of business for \$700 cash. Ill health cause of disposition of business. Box 217, care American Florist.

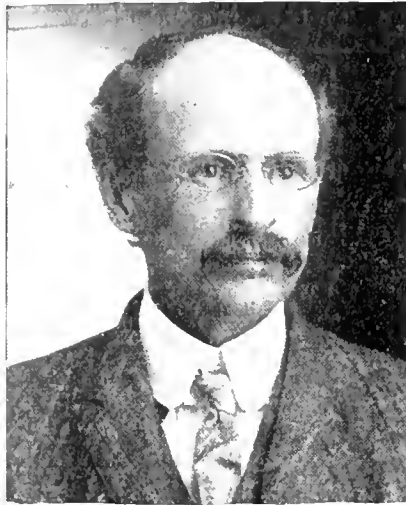
For Rent—At Frederick, Md. greenhouses 18x63, 12x102, 20x162, boiler room 18x60 equipped with a No. 8 Furman boiler, and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure, labor cheap, city water; no stock on hand. Rent \$300 per annum, half payable in advance every six months. Ill health of owner compelled retirement from successful business; principally vegetables under glass and mushrooms for Washington and New York. Address HENRY TRAIL, Frederick, Md.

INVESTMENT WANTED.

Hollander, whose business brings him to the States, desires to invest substantial amount not exceeding 30,000 to 40,000 guilders, in first-class horticultural business, where he can be of service in buying Dutch bulbs and other similar products in Europe. Only first-class houses need apply. Address giving particulars and appointing interview. Box 347, care American Florist.

MY 60 ACRES GARDEN FARM.

Located in the central part of Minnesota, 3 miles from a lively, growing and industrious town, is, on account of ill health and advanced years, for sale. It can be bought right off, with the whole crop on it, and if preferred, with everything belonging to it: horses, cows, wagons, carriage, tools, implements, furniture, etc. A fine opportunity for a young couple, especially for a man who is perfect in hotbed raising. No debt, no mortgages on it. For particulars write in English, German or Scandinavian language direct to the owner. C. A. SORENSON, Little Falls, Minn.



CALDWELL THE WOODSMAN.
The Man Who Gave You the Wild Smilax.

SOMETHING NEW.

Now that the season for Wild Smilax is over, and no more stock can be supplied, I wish to call your attention to the

Branches of the Huckleberry Tree

as a most elegant Decorative Green. It is largely used by the florists of the Pacific Coast, Washington and Oregon, in decorations. The branches are FLAT, very thickly furnished with exceedingly lustrous, green leaves, and it seems to adapt itself to almost any position in decoration that the Wild Smilax can be used in. As the introducer of Southern Wild Smilax, I think you can give me credit for knowing a good thing when I see it, and I am convinced that in Huckleberry Branches you will have a very beautiful substitute for the Wild Smilax, of great value to you through the months of May and June.

I am anxious to get the verdict of the floral trade on this introduction, and offer to send you a case on suspicion, price \$2.50 per case if it suits you, nothing if it does not. Will you try a case on these terms?



We are in receipt of your shipment of one case Huckleberry Branches, and are pleased with it. Send by express five cases at once.

WM. ROETHE FLORAL CO.,
Saginaw, W. S., Mich.

The two cases of your new decorating green reached us in good condition, and we used them very effectively in a church decoration, which gave entire satisfaction to our customer.

THE GASSER CO., Cleveland, Ohio.

The case of Huckleberry was very satisfactory as a decorating green, and we wish to compliment you on the new discovery for decorating at this time of year.

FRED C. WEBER, St. Louis, Mo.

The Huckleberry Branches are a GO.
KENNICOTT BROS. CO., Chicago, Ill.

We think we can handle a great deal of your new green.

LEO NIESSEN CO.,
Philadelphia, Pa.

New Crop Hardy Ferns Now Ready FANCY... \$1.50 per 1000
DACGER 1.25 per 1000

CALDWELL The Woodsman, EVERGREEN, ALABAMA.

How to Save Time and Labor

THE L. WITTBOLD WATERING SYSTEM will do this for you. An entire house can be watered in a few minutes. It will save its cost in a very short time. Write for particulars.

Decorative Stock.

Variety.	Size	Height	Leaves	Each	Dozen	100
Kentia Belmoreana	3 1/2	12-14	5-8	\$ 2.00	\$15.00	
"	4	15-17	5-6	3.00	25.00	
"	6			\$1.25	15.00	
"	10	46-50	7-8	7.00		
Kentia Forsteriana	6	26-30	5	1.25	15.00	
"	10	48-56	6-7	7.00		
Latania Borbonica	3			1.00	7.00	
"	3 1/2	11-13	4-5	1.50	12.00	
"	6			1.00	9.00	
"	8	30-34	7-8	1.50	18.00	
"	9			2.50	30.00	
Phoenix Canariensis, beautiful specimens in tubs				40.00		
Phoenix Reclinata	6			9.00		
Ficus Elastica	4	10-12		.25	3.00	
Araucaria Excelsa	4	trs.	2-3	.50	6.00	
"	5	trs.	3-5	.75	9.00	
"	6	trs.	3-5	1.25	15.00	
"	6	trs.	3	2.00		
Variety	Size	Each	Dozen	100		
Cocos Weddelliana	3		\$ 2.50			
Pandanus Utilis	3		2.00			
"	5		5.00			
"	6		9.00			
"	7		\$1.00	12.00		
"	6		1.00	12.00		
"	7		2.00	24.00		
"	9		3.00	36.00		
Poa Triv. Var., for ferneries	3			\$ 0.60		
Crotons	3		1.50			
"	4		3.00			
"	6		1.50	18.00		
"	7		2.00	24.00		
Adiantum Cuneatum	4		1.50	12.00		

Variety	Size	Each	Dozen	100
Boston Ferns	5	\$ 2.00	\$15.00	
"	8	\$1.25	\$15.00	
"	12	3.00		
Dracaena Fragrans	4		3.00	
"	5		5.00	
"	7		9.00	
Maranta Massangeana, fine for ferneries	2			5.00
Dracaena Massangeana	5	1.00	12.00	
Asparagus Plumosus	2			3.00
"	3		1.00	8.00
"	4		1.50	12.00
"	3			.75
" Sprengeri	4		1.50	10.00
"	5		2.00	15.00
"	6		3.00	20.00
Dracaena Ter., height, 22-24	6	.75	9.00	
Fittonia Verschaffeltii, fine for ferneries	2			5.00
Japanese Fern Balls, in leaf			4.00	

Bedding Stock.

DRACAENA INDIVISA	4-inch, \$1.50 per doz.; \$10.00 per 100.
COBOEA SCANDENS	Fine plants, 4-inch, 75c per doz.; \$6.00 per 100
ENGLISH IVY	4-inch, \$1.50 per doz.; \$12.00 per 100.
CANNAS:	Francis Reif, Austria, Kate Gray, Robert Christie, Burbank, Altemania, Mme. Louis Druz, 4-in. pots, \$1.00 per dozen; \$7.00 per 100.
Ageratum	4-in. \$ 6.00 per 100
Castor Beans	4-in. 8.00 per 100
Caladium	5-in. 15.00 per 100
Salvia	3-in. 5.00 per 100
Begonia Vernon	4-in. 6.00 per 100

We have a fine lot of Dracaena Indivisa as quoted in List.

The GEORGE WITTBOLD COMPANY, 1657-1659 Buckingham Place, CHICAGO.

American Beauty.	Per doz.
30 to 35-inch stem.....	\$3.00 to \$4.00
24-inch stem.....	2.50
20-inch stem.....	2.00
15-inch stem.....	1.50
12-inch stem.....	1.00
Short stem, per 100.....	\$5.00
Brides, Bridesmaids.....	Per 100 \$3.00 to \$8.00
Chatenay.....	3.00 to 6.00

Kaiserin, Golden Gate.....	4.00 to 8.00
Liberty.....	3.00 to 8.00
Carnations.....	1.00 to 2.00
" large and fancy.....	3.00
Peonies.....per doz., 50c to 75c	4.00 to 6.00
Valley.....	2.00 to 4.00
Callas.....per doz., \$1.00 to \$1.25	
Easter Lilies.....per doz., \$1.50	10.00
Sweet Peas.....	.50 to 1.00
Mignonette.....	.35 to .75

Marguerites.....	.75
Shasta Daisies.....	1.00 to 1.50
Asparagus, per string, 35c to 50c	
Asparagus Sprenger.....	2.00 to 4.00
Galax.....per 1000, \$1.25	.15
Adiantum.....	1.00
Smilax.....per doz. 1.50	10.00
NEW FERNS.....	per 1000, \$1.50 .20

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Burbank.....	.75	\$5.00
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Flamingo.....	.60	5.00
Italia.....	.75	5.00
J. D. Eisele.....	.75	5.00
Monsieur Jarry Deslozes.....	.60	5.00
Milwaukee.....	1.00	8.00
Mlle. Berat.....	.50	4.00
Mme. Louis Druz.....	.60	5.00
Mrs. Kate Gray.....	1.00	8.00
Mrs. McKinley.....	.85	7.00
Pennsylvania.....	1.00	8.00
Seigneur Viger.....	1.00	8.00
A. Bouvier.....	.60	5.00
Crimson Bedder.....	.75	6.00
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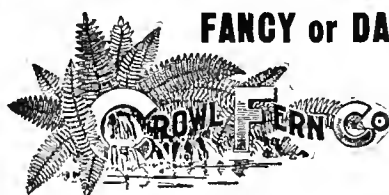
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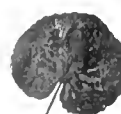
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" " med "	2.00	
" " short "	1.00	
" Liberty.....	3.00@	8.00
" Chatenay.....	2.00@	6.00
" Bride, Bridesmaid.....	4.00@	6.00
" Meteor, Golden Gate.....	4.00@	6.00
" Perle.....	4.00@	6.00
Carnations.....	1.00@	3.00
Smilax.....		15.00
Asparagus aprays.....		3.00
Valley.....		3.00
Adiantum.....	1.00@	1.50
Callas.....	8.00@	10.00
Harrisii.....	8.00@	10.00
Peonies.....	4.00@	5.00
Sweet Peas.....	.50@	.75

PITTSBURG, June 21.

Roses, Beauty, specials.....	20.00@	30.00
" " extras.....	12.00@	18.00
" " No. 1.....	6.00@	10.00
" " ordinary.....	2.00@	3.00
" Bride, Bridesmaid.....	1.00@	8.00
" Meteor.....	6.00@	8.00
" Liberties.....	6.00@	15.00
" Perle, Chatenay.....	2.00@	6.00
Carnations.....	1.00@	2.00
Lily of the valley.....	3.00@	4.00
Smilax.....	12.00@	15.00
Asparagus, strings.....	25.00@	50.00
Asparagus Sprengeri.....	20.00@	30.00
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Sweet Peas.....	.20@	.50
Peonies.....	3.00@	4.00

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" " Bride, Bridesmaid.....	3.00@	6.00
" " Liberty.....	4.00@	8.00
" " Meteor, Golden Gate.....	4.00@	8.00
Carnations.....	1.00@	8.00
Lily of the valley.....	3.00@	4.00
Asparagus.....		50.00
Smilax.....	12.50@	15.00
Adiantum.....	1.00@	1.50
Asparagus Plumosus and Sprengeri in bunches.....	35c	per bunch
Harrisii.....	12.50@	15.00
Margueritea.....		.25
Sweet Peas.....	.25@	.35

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Roses, Beauty, long stem.....	1.50@	2.00
" " medium stem.....	1.00@	1.50
" " short stem.....	.35@	.75
" " Bride, Bridesmaid.....	3.00@	6.00
" " Liberty.....	3.00@	6.00
Carnations.....	1.50@	2.50
Smilax.....	12.50@	15.00
Asparagus Sprengeri.....	1.50@	3.00
" " Plumosus.....	25.00@	50.00
Adiantum.....		1.00
Dagger ferns.....		1.25

CLEVELAND, June 21.

Roses, Beauty, per doz.....	.50@	3.00
" " Bride, Bridesmaid.....	3.00@	8.00
" " Meteor.....	4.00@	10.00
Carnations.....	1.50@	3.00
Smilax.....		20.00
Asparagus, strings.....	25.00@	50.00
" " Sprengeri.....	1.00@	2.00
Common ferns.....		2.00
Sweet peas.....	.50@	1.00
Peonies.....	.50@	.75

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" " 15 to 18 "	1.50@ 2.00
" " 12 "	.75@ 1.00
" Liberty.....	3.00@10.00
" Chatenay.....	3.00@ 8.00
" Bride, Bridemaid.....	3.00@ 8.00
" Golden Gate.....	3.00@ 8.00
" Gen'l MacArthur.....	4.00@10.00
Carnations.....	1.00@ 3.00
Valley.....	3.00@ 4.00
Asparagus Plumosus, per string 25 to 50c	
" " sprays	2.00@5.00
" Sprengert.....	2.00@ 5.00
Galax Leaves, Bronze, per 1000	\$1.50 .20
Adiantum.....	.75@ 1.00
Fancy ferns.... per 1000	1.50@ 2.00
Smilax.....	10.00@15.00
Peonies, per doz.....	25@ .75
Callas.....	8.00@10.00
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Daisies.....	.75@ 1.50
mignonette.....	4.00@ 8.00

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20-inch stems.....		2.00
15-inch stems.....		1.50
12-inch stems.....		1.25
Short stems.....		\$.75 to 1.00

		Per 100
LIBERTY.....		\$5.00 to 10.00
CHATENAY.....		5.00 to 8.00
MAIDS AND BRIDES.....		4.00 to 6.00
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" " medium	6.00@ 8.00
" " culls	1.00@ 2.00
" " Bride, Bridesmaid	2.00@ 4.00
" " Extra	6.00@ 8.00
" " Liberty	1.00@ 8.00
Carnations	.75@ 1.50
" " Fanny	1.00@ 2.00
Lily of the valley	1.00@ 1.50
Smilax	12.00@16.00
Adiantum	1.00
Asparagus	35.00@50.00

PHILADELPHIA, June 20

Roses, Tea	3.00@ 4.00
" " extra	6.00@ 8.00
" " Liberty	4.00@15.00
" " Queen of Edgely, extra	15.00@25.00
" " firsts	10.00@12.00
" " Beauty, extra	15.00@25.00
" " firsts	10.00@12.00
Carnations	1.50@ 3.00
Lily of the valley	3.00@ 4.00
Asparagus	25.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Gardenias	.12@ .15
Mignonette	2.00@ 3.00
Easter lilies	6.00@ 8.00
Sweet Peas	.50@ .75
Peonies	4.00@ 8.00

BUFFALO, June 20.

Roses, Beauty	4.00@25.00
" " Bride, Bridesmaid, Meteor	2.00@ 8.00
Carnations	1.00@ 3.00
Harrisi	10.00@12.00
Lily of the valley	3.00@ 4.00
Asparagus, strings	40.00@50.00
Smilax	12.00@15.00
Adiantum	.75@ 1.50
Lilium Longiflorum	10.00@12.00
Sweet peas	.30@ .75
Peonies	2.00@ 4.00

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Wholesale Flower Markets

NEW YORK, June 21.

Roses, Beauty, best.....	10.00@20.00
" " medium.....	3.00@10.00
" " culls.....	1.00@ 2.00
" Liberty, best.....	10.00@15.00
" " medium.....	3.00@10.00
" " culls.....	1.00@ 2.00
" Bride, Bridesmaid, G. Gate.....	.50@ 5.00
" Kaiserin, Carnot.....	1.50@ 8.00
Carnations.....	.25@ 1.00
" fancy and novelties.....	1.50
Lily of the valley.....	50@ 2.00
Lilies.....	2.00@ 5.00
Smlax.....	8.00@12.00
Adiantum.....	.50@ 1.25
Asparagus.....	20.00@50.00
Sweet Peas.....	.50@ 1.00

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WHOLESALE DEALERS,

All Decorating Evergreens, Gelex, Leucothoe, Mosses, Etc.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON SQ.

Receivers and Shippers of Cut Flowers. Consignments Solicited.

A. L. YOUNG & CO., Wholesale Florists,

64 West 28th Street, NEW YORK.

Telephone 3559 Madison Sq. Please mention the American Florist when writing.

Original Pioneer House—Established 1871.

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117 W. 30th St., NEW YORK.

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Consignments solicited. Shipping orders promptly attended to. Phone 628 Madison.

—FLOWERS SHIPPED BY—

John I. Raynor,

Are the best product of the best growers for the New York Market.

ADIANTUM CROWEANUM sold here exclusively.

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Tel. 1898 Madison Square.

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20 years' experience. Tel. 4878 Madison.

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WHOLESALE FLORIST

56 W. 26th Street, NEW YORK.

OPPOSITE N. Y. CUT FLOWER CO.

Everything in Cut Flowers. Consignments from growers solicited. Prompt returns. Best prices. Satisfaction guaranteed.

George Cotsonas & Co.

Wholesale and Retail Dealers

in all kinds of

Evergreens.

Fancy and Dagger Ferns, Bronze and Green Galax. Phone 1203 Mad. Sq.

Main Store, 45 W. 29th St., NEW YORK.



EDW. C. HORAN,

55 WEST 28TH STREET,

Telephone 421
Madison Square.

.....NEW YORK.

CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND, Floral Artists,

33 Post Street, SAN FRANCISCO, CAL. Please mention the American Florist when writing.

INDIANAPOLIS.

Bertermann Bros. Co., FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND. Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber, FLORIST,

4320-4328 Olive St., ST. LOUIS, MO. Established 1873, Bell. Lindell 678. Please mention the American Florist when writing

DENVER.

The Park Floral Co.

J. A. VALENTINE, Pros. DENVER, COLO.

MILWAUKEE.

C. C. Pollworth Co. MILWAUKEE, WIS. Will take proper care of your orders in WISCONSIN.



A. Gude & Bro.

FLORISTS

1214 F St., WASHINGTON, D. C.

KANSAS CITY.

WILLIAM L. ROCK FLOWER CO.

Kansas City, Mo.



BUFFALO, N. Y.

DETROIT.

JOHN BREITMEYER'S SONS

Cor. MIAMI and GRATIOT AVES. DETROIT, MICH.

Artistic Designs. High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

Wholesale Flower Markets

ST. PAUL, June 20.

Table listing flower prices in St. Paul, June 20. Includes items like Roses, Carnations, Sweet Peas, etc.

MINNEAPOLIS, June 20.

Table listing flower prices in Minneapolis, June 20. Includes items like Roses, Carnations, Smilax, etc.

CHICAGO.

P. J. HAUSWIRTH Auditorium Annex, CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

Shaffer FLORIST,

14th and Eye Streets,

PHONE, 2416 Main. WASHINGTON, D. C.



Always mention the American Florist when you order stock.

NEW YORK.

LEIKENS 7 East 33rd St., Near Waldorf-Astoria.

Telegraph orders from any part of the country for Boxes, Flowers or Designs for deliveries at residences or steamers faithfully filled.

GEO. H. COOKE, FLORIST

Connecticut Avenue and L Street, WASHINGTON, D. C.

ST. PAUL.

HOLM & OLSON, ST. PAUL.

THE LEADING FLORISTS OF THE N. W. Orders will be well cared for anywhere in Minnesota and the Dakotas.

GALVESTON.

Mrs. Chas. Eickholt, 2319 AVENUE M, GALVESTON, TEXAS.

Cut Flowers, Floral Designs, Decorations. Telephone 1087. All mail, telegraph or telephone orders promptly and artistically filled.

OMAHA.

HESS & SWOBODA, FLORISTS,

1415 Farnam Street, OMAHA, NEB. Phone 1601 and L. 1682.

SPRINGFIELD.

Mark Aitken FLORIST.

378 Main St., Springfield, Mass.

ALEX. B. GARDEN,

441 Center Market, WASHINGTON, D. C. Carnations, Roses, etc. Wholesale and retail. Telegraph or phone.

MILLS THE FLORIST, 36 W. Forsyth Street, JACKSONVILLE, FLA.

John Wolf FLORIST

SAVANNAH - - GA.

ATLANTA FLORAL CO 41 Peachtree Street, ATLANTA, GEORGIA

PEONIES \$25.00 to \$40.00 per 1000.

Carnations \$6.00 to \$15.00 per 1000.

Roses \$10.00 to \$50.00 per 1000.

Plumosus Strings

Am. Beauties

\$25.00 per 100.

\$2 00 to \$25.00 per 100.

New Ferns \$1.50 per 1000.

SEND US YOUR 1000 LOT ORDERS.

A. L. Randall Company,

19 Randolph St., CHICAGO.

Araucaria Excelsa.



Decoration Day is over. Fill your empty houses with something that grows into money while you sleep.

Araucaria Excelsa just arrived per steamer Etruria May 1, 3.00; May 30, per steamer Oxonian, 2.00. Grown for me under contract by an araucaria specialist in Belgium. I must say for the benefit of my customers that they were never before so

nice and large for the money as this year. I herewith quote you special low prices on them for cash:

- 10 to 12 ins. high, 2 years old, 3 tiers..... \$.50
- 12 to 14 ins. high, 2 years old, 3 to 4 tiers..... .60
- 14 to 16 ins. high, 3 years old, 3 to 4 tiers..... .75
- 18 to 20 ins. high, 3 years old, 4 to 5 tiers..... 1.00

Araucaria Compacta Robusta, unusually large, very beautiful, \$1.25 to \$1.50; **Glauca**, 75c to \$1.00 each.

Kentia Fosteriana, 30 to 36 inches high, 4-yr. old, \$1.00; 4-year old, 25 to 30 inches, 75c. **Belmoreana**, 4-year old, 25 to 30 inches high, \$1.00 each. Above is the size entered in the Philadelphia custom house.

Don't forget that I am the **Moon Vine** grower of the land. Only **A. W. Smith's Hybrid Moon Vines**, (*Ipomea Noctiflora*) is exclusively the one I grow and is the only true Moon Vine in America, as Mr. Smith has the world wide reputation of growing the best Moon Vine seed. Please hear in mind that this is no Morning Glory like so many sell for Moon Vines, but the pure white waxy moon flowers as large as saucers. 2 1/4-inch pots, \$5.00 per 100; 3-in. pots, \$7.00 per 100; 4-in. pots, \$10 per 100. Nicely staked up.

BEDDING PLANTS.

- Heltotrope, 4-in. \$6 00
- Salvia, Clara Bedman, 4-in. 7.00
- Begonia Vernoo, red and pink, 4-in. 7.00
- Cobaea Scandens, 4-in. 8.00
- Coleus, Golden Bedder, Verschaffeltii and Queen Victoria 3.00
- Verbenas and Petunies 3.00
- Astera, Victoria 3.00
- Vinca Variegata, Salvia and Begonia Verano, blue Ageratum, California Giant Petunies, 3-in. pots 5.00
- Tuberous Rooted Begonia, 5-inch pots, \$2.00 per dozen.

Many thanks to my customers for their liberal Easter trade. All goods must travel at the purchaser's risk. Cash with order please.

GODFREY ASCHMANN,

Importer and Wholesale Grower of Pot Plants.

1012 Ontario St., PHILADELPHIA, PA.

Please mention the American Florist when writing.

AMERICAN FLORIST ADS

Always do business Week days and every day Sundays and holidays All over the country At home and abroad

ROSES

For immediate removal we offer a limited number of good, clean, healthy plants at extremely low prices as we are in need of the space they occupy.

	Per 100	Per 1000		Per 100	Per 1000
UNCLE JOHN, 3 1/4-inch	.....\$3 00	\$25.00	BRIDESMAID, 2-inch	.....\$2.50	\$20.00
" " 2-inch	..... 2 00	15.00	AM. BEAUTY, (bench plants)	4.00	35.00

Carnations 100,000 FIELD-GROWN. Our plants being large we are prepared to book orders now for early shipment and shall have the following varieties to offer:

- ENCHANTRESS,
- LAWSON, pink,
- BOSTON MARKET,
- NELSON FISHER,
- STELLA,
- CRUSADER,
- FLAMINGO,
- HARRY FENN,
- ROOSEVELT,
- MRS. NELSON,
- TRIUMPH,
- MRS. INE,
- FLORA HILL,
- PERU,
- GUARDIAN ANCEL.

We have had several out of town florists looking over our field of carnations and they not only pronounce them the furthest advanced, but also say they are the best lot of carnations they have seen this season.

We shall begin making deliveries the latter part of July at which time our stock will be in the best possible shape to ship. Prices furnished upon application, also when writing state when stock is wanted, we guaranteeing all stock to be in A1 condition.

J. A. BUDLONG, CHICAGO. 37-39 Randolph Street,

Fancy Ferns

\$1.25 Per 1000.

New Crop. Best in Market.

A full line of all other Green Goods at lowest market prices.

Beauties and all other ROSES in good supply.

VAUGHAN & SPERRY,

Wholesale Commission Florists,

Phone, Central 2571.

60 Wabash Avenue, CHICAGO.

Baby Rambler

Peonies...

The Always in Bloom Rose. 2 1/4-in., \$2.50 per doz., \$15.00 per 100. \$125.00 per 1000; 3-in., \$3.50 per doz., \$25.00 per 100; 4-in., \$6.00 per doz.

THE CONARD & JONES CO., West Grove, Pa.

I will have cash to exchange for Peony Roots, from now until November 1. Send list of your surplus, names and quantity.

PEONIES, 329 N. Gay Street, BALTIMORE, MD.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

W. H. Grenell, Pierrepont Manor, N. Y., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendell, Cleveland, O., Sec'y and Treas. Twenty-fourth annual convention at San Jose, Cal., 1906.

SEE page 995 for notice of the death of James Denham, with portrait.

WILLIAM MARKURTH, of Kansas City, Mo., is recuperating at Battle Creek, Mich.

CHARLES H. VICK has been merchandising at Tonopoli, a Nevada mining town.

NEW YORK.—Miss Mills, of Suzuki & Iida's, sailed June 22 on a two months' trip to Europe.

J. C. VAUGHAN and wife, of Chicago, have returned to their home, the latter much improved in health.

ST. LOUIS, Mo.—R. W. Pommer, of D. I. Bushnell & Company, is in Europe and will return about August 1.

WILLIAM F. DREER enjoys duck hunting on the grounds of the Guadalupe Gun Club, near Santa Barbara, Cal.

SAN JOSE, CAL.—Chas. P. Braslan has been elected a member of the board of control of the San Jose chamber of commerce.

VISITED CHICAGO: L. L. May and wife, St. Paul, Minn.; Charles N. Page, Des Moines, Ia., enroute to the seedmen's convention.

THE Texas potato growers are asking for a low emergency freight rate without which they say they cannot move their crops at present prices.

ROCKY FORD, COLO.—The plants for vine seed crops are well up and being cultivated for the first time except a few of the earliest plantings.

At the annual meeting of the Wholesale Seedmen's League, held in New York June 14, the officers were re-elected, Albert McCullough succeeding Mel. L. Webster on the board of directors.

A. H. GOODWIN has purchased the interest of H. H. Harries in the Goodwin-Harries Company, Chicago. Mr. Harries has resigned from the office of secretary of the firm and the business will be continued as before under the direction and management of A. H. Goodwin.

THE JEROME B. RICE SEED COMPANY, of Cambridge, N. Y., writes June 16 as follows concerning seed crop conditions: "It is yet early to predict results in any of our seed growing crops. The beans are now being planted and the vine seeds have only been in the ground a few days. Peas are at the present time looking fairly well in some sections, while in other sections the crop has been badly damaged. This is not only true of Michigan and Wisconsin districts, but of Canada as well."

3,700 ACRES OF GARDEN SEEDS
IN CULTIVATION.

Braslan Seed Growers Co.

Wholesale Seed Growers.

SAN JOSE, CALIFORNIA.

Long Island Seed Crops.

A prominent grower of Long Island writes as follows June 15 with reference to Long Island seed crops: "The seed crops are promising a fair harvest at the present time. Some of our planting of spinach has suffered through the wet, cold spring and it is in a condition not very promising. Our cabbage seed crops look well, although the maggots are doing considerable damage at the present time and there is no doubt that the product will suffer to the extent of some ten per cent from this cause. With favorable conditions up to July to the harvest will be a very fair one with prospects of sufficient supplies."

Canadian Seed Growers' Association.

The annual convention of the Canadian Seed Growers' Association will be held at Ottawa, Ont., June 27 and 29. The executive meeting of the association will be held during the afternoon of June 27. The general meeting, open to all, will convene at 8 p. m. on the same date and will be continued on the following day.



W. H. Grenell.

(President American Seed Trade Association.)

The programme includes the following: Addresses by Prof. James W. Robertson, president of the association, and the Hon. Sydney A. Fisher, to be followed by routine business, addresses by visitors and members, and a number of papers, including "The Introduction and Breeding of Superior Varieties of Field Crops and the Distribution of Seed Obtained," by Dr. William Saunders, director experimental farms, Ottawa, Ont.; "Scope of Work for Canadian Seed Growers' Association," by G. H. Clark, seed commissioner; "Seed Growing in Western Canada," by S. A. Bedford, superintendent of experimental farms, Brandon, Man.; "The Action of Certain Smut Preventions on the Vitality of Seed," by Prof. Frank T. Shutt, chemist, experimental farms, Ottawa, Ont.; "Pedigree of Grade Breeding of Plants," by Dr. Herbert J. Webber, physiologist in charge of laboratory of plant breeding, Department of Agriculture, Washington, D. C.; "Evidence of Improvement in Plants by Selection," by Prof. C. A. Zavitz, experimentalist, O. A. C., Guelph, Ont.; "Corn Breeding in the Corn Belt," by Prof. L.

S. Klinck, Agricultural College, St. Annes, Que.; "The Science of Plant Breeding," by Dr. H. J. Webber; "Some Common Principles Which Underlie Improvement in Animals and Plants," by J. H. Grisdale, agriculturist, experimental farms, Ottawa, Ont.; "The Seedmen and the Canadian Seed Growers' Association," by S. E. Briggs, Toronto, Ont.; "Methods of Giving Publicity to the Proceedings and Achievements of the Association," by William Thompson, London, Ont.

American Seed Trade Association.

The annual convention of the American Seed Trade Association was held at Alexandria Bay, N. Y., June 20-22 and was in every respect a great success. There was a large attendance at the opening session, the eastern section of the trade predominating very largely, with President Page in the chair. The following were admitted to membership: Darch & Hunter, London, Ont.; The Hogg Lytle Company, Mariposa, Ont.; O. H. Dickinson, Springfield, Mass.; W. A. Denison, Ellisburg, N. Y.; F. Williams, Belleville, N. Y.; William Ewing, Montreal, Que.; H. R. Bassler, Waterloo, Neb., and the Planters Seed Company, Springfield, Mo. The president's address, which was largely a history of the association, was then presented, followed by the report of the secretary-treasurer. Mayor Delaney, of Alexandria Bay, welcomed the visitors and Major Durham indicated the principal points of interest in that vicinity. During the afternoon the visitors were the guests of W. H. Grenell and enjoyed a very pleasant trip to Brockville. In the evening the papers of Lester L. Morse, William Henry Maule and C. L. Allen were read and discussed.

On Wednesday morning business was resumed in the election of officers by the selection of W. H. Grenell, Pierrepont Manor, N. Y., as president; L. L. May, St. Paul, Minn., first vice-president, and G. B. McVay, Birmingham, Ala., second vice-president, C. E. Kendell, Cleveland, O., was re-elected secretary-treasurer, and San Jose, Cal., on an informal vote was chosen as the place of the next convention. In the afternoon the visitors were again the guests of W. H. Grenell, who entertained them with a boat ride to Brockville and a banquet in the evening at the Crossmon House. The banquet was followed by a boat ride, A. T. Ferrell, of Saginaw, Mich., being host.

THOSE PRESENT.

The following were in attendance, with perhaps a few others whose names could not be secured in time for this issue:

C. L. Allen, Floral Park, N. Y.
John H. Allan and wife, John H. Allan Seed Company, Pieton, Ont.
Linnaeus Allen, C. L. Allen, Floral Park, N. Y.
T. A. Barrett and W. S. Johnston, American Agriculturist, New York.
W. H. Barrett, Adrian, Mich.
F. W. Bolgiano, Washington, D. C.
Roland Bolgiano, J. Bolgiano & Son, Baltimore, Md.
N. W. Bossinger, the Templin Company, Calla, O.
Charles P. Braslan, Braslan Seed Growers' Company, San Jose, Cal.
S. S. Briggs, Steele, Briggs Seed Company, Toronto, Ont.
Francis Brill, Hempstead, L. I., N. Y.
Alfred J. Brown, Alfred J. Brown Seed Company, Grand Rapids, Mich.
B. F. Brown, Brown Bag Filling Machine Company, Fitchburg, Mass.
C. S. Burge and R. C. Burge and wife, Toledo, O.
R. L. Burge, Toledo Field Seed Company, Toledo, O.

H. H. Charles, White's Class Advertising, Chicago.
 A. N. Clark, Milford, Conn.
 Everett B. Clark and wife, and Miss Dora Clark, the Everett B. Clark Company, Milford, Conn.
 Fred M. Clark and wife, the Everett B. Clark Company, Milford, Conn.
 John Clark, Leonard Seed Company, Chicago.
 P. V. Collins, Northwestern Agriculturist, Minneapolis, Minn.
 R. W. Conger, New York.
 L. J. Coryell, L. J. Coryell Seed Company, Oshawa, Ont.
 Charles Crosman and wife, Crosman Brothers, Rochester, N. Y.
 J. B. Davis, Goodwin, Harries Company, Chicago.
 W. A. Denison, Ellisburg, N. Y.
 D. H. Dickinson, B. L. Bragg Company, Springfield, Mass.
 E. C. Dungan, William Henry Maule, Philadelphia, Pa.
 Marshall H. Duryc, Henry Nungesser & Company, New York.
 F. W. Eberle, Albany, N. Y.
 Frank I. Emerson, Western Seed & Irrigation Company, Fremont, Neb.
 William Ewing, Jr., William Ewing, Montreal, Que.
 A. T. Ferrell, Saginaw, Mich.
 W. T. Fonda, Mandeville & King Company, Rochester, N. Y.
 J. H. Ford, Ford Seed Company, Ravenna, O.
 F. H. Funk and wife, Funk Brothers Seed Company, Bloomington, Ill.
 P. H. Gage and wife, S. M. Isbell & Company, Jackson, Mich.
 George S. Green, Illinois Seed Company, Chicago.
 W. H. Grenell and wife, Pierrepont Manor, N. Y.
 T. Griswold and wife, South Wethersfield, Conn.
 C. B. Guelph, J. B. Rice Seed Company, Cambridge, N. Y.
 Peter Hollenbach and wife, Chicago.
 H. L. Holmes, Holmes Seed Company, Harrisburg, Pa.
 C. C. Johnson, the Albert Dickinson Company, Chicago.
 W. F. Jones and wife, Caldwell & Jones, Hartford, Conn.
 C. N. Keeney, N. B. Keeney & Son, Le Roy, N. Y.
 C. E. Kendel, A. C. Kendel, Cleveland, Ohio.
 Fred B. King, Mandeville & King Company, Rochester, N. Y.
 Preston King, Northrup, King & Company, Minneapolis, Minn.
 W. C. Langbridge and wife, Jerome B. Rice Seed Company, Cambridge, N. Y.
 S. F. Leonard and wife, Leonard Seed Company, Chicago.
 J. M. Lupton, Mattituck, N. Y.
 L. L. May and wife, L. L. May & Company, St. Paul, Minn.
 Albert McCullough, wife and daughter, the J. M. McCullough's Sons Company, Cincinnati, O.
 J. C. McCullough and wife, Cincinnati, Ohio.
 Trimble McCullough, the J. M. McCullough's Sons Company, Cincinnati, O.
 G. B. McVay, Amzi Godden Company, Birmingham, Ala.
 M. F. Meyer, F. H. Ebeling, Syracuse, N. Y.
 Charles N. Page and wife, Iowa Seed Company, Des Moines, Ia.
 E. L. Page, the Page Seed Company, Greene, N. Y.
 H. H. Pease, Cleveland Seed Company, Rochester, N. Y.
 Paul Phillips and W. T. Phillips, Toledo, Ohio.
 Frank S. Platt and wife, Frank S. Platt Company, New Haven, Conn.
 J. B. Rice and wife, Jerome B. Rice Seed Company, Cambridge, N. Y.
 E. R. Riethmiller, S. M. Isbell & Company, Jackson, Mich.
 Austin L. Rogers and wife, Rogers Brothers, Chaumont, N. Y.
 W. D. Ross and wife, Ross Brothers, Worcester, Mass.
 William Schisler, wife and son, Schisler-Cornell Seed Company, St. Louis, Mo.
 E. J. Sheap, S. M. Isbell & Company, Jackson, Mich.
 W. D. Steele, Steele, Briggs Seed Company, Toronto, Ont.
 W. E. Stokes, Johnson & Stokes, Philadelphia, Pa.
 W. E. Stone and wife, Churchill & Company, Toledo, O.
 C. S. Trumbull, Trumbull Seed Company, Kansas City, Mo.
 Leonard H. Vaughan, Vaughan's Seed Store, Chicago and New York.
 Frank B. White and wife, White's Class Advertising, Chicago.
 Oscar H. Will and daughter, Oscar H. Will & Company, Bismarck, N. D.

S. F. Willard and wife, Comstock, Ferris & Company, Wethersfield, Conn.
 F. M. Williams, Belleville, N. Y.
 H. G. Windheim, Nebraska Seed Company, Omaha, Neb.
 S. D. Woodruff, wife and daughter, S. D. Woodruff & Son, Orange, Conn.
 W. S. Woodruff and wife, S. D. Woodruff & Son, Orange, Conn.
 J. L. Young, Young & Halstead, Troy, N. Y.

C. C. MORSE & CO.,
 Wholesale Seed Growers
SANTA CLARA, CAL.
 Our Specialties are ONION, LETTUCE and SWEET PEAS. We also grow in large quantities, CELERY, ENDIVE, LEEK, MUSTARD, PARSNIP, PARSLEY, RADISH, SALSIFY and TOMATO.

FREESIA BULBS
CALIFORNIA GROWN.
 MAMMOTH, 2-inch and up. Per 100, 80 cents; per 1000, \$7.00.
 CHOICE, 1/2-inch to 3/4-inch. Per 100, 65 cents; per 1000, \$5.00.

Vaughan's Seed Store,
 CHICAGO: 84-86 Randolph St.
 NEW YORK: 14 Barclay St.

1,000,000 CALLA BULBS. All above 1 1/2-inches in diameter and every bulb guaranteed a perfect crown.
NEW CROP ONION SETS NOW READY. Grow without rain or irrigation. Write for prices.
JOHNSON & MUSSER SEED COMPANY, Los Angeles, Cal.

FORCING LILACS. Best German Pot-Grown in white and blue sorts; also the field-grown **Paris de Marly**, imported to order, for fall delivery. Let us appraise your wants.
AUGUST ROLKER & SONS, 31 Barclay St., NEW YORK, P. O. Box 752

Aug. Rhotert, Importer, 26 Barclay St., New York.
 —HEADQUARTERS FOR—
CHOICEST EARLY and LATE FORCING LILY of the VALLEY PIPS.
BRANDS { **MULTIBELL** Early Forcing Berlin Pips.
 { **BEROLINA**
 { **POLARIS** Late Forcing and Cold Storage Hamburg Pips
 { **HANSA**
GROWN BY MR. E. NEUBERT, WANDSBECK, GERMANY.
 Please mention the American Florist when writing

LEONARD SEED CO. CHICAGO
 Wholesale Seed Growers.
 Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1906 are being booked now. **Beans, Peas and Garden Seeds.** WRITE FOR PRICES.
TURNIP SEED. TIME TO BUY NOW. Get Our Prices.
 Our plantings for the new crop are now completed.
 We take orders now for delivery this fall or next spring.
 Flower Seeds and Bulbs
 Write for Prices

FLORISTS' BEST PAYING WINTER-FLOWERING

ORCHID Oncidium var. Rogersii.

Flowers of a rich golden yellow, each plant bearing as many as 120 to 175 flowers. Easiest of cultivation **Try It; it pays.** We offer prime stock in three grades: Large, 8x15 bulbs; medium, 5x8 bulbs; small but flowering, 3x5 bulbs, with corresponding number of leads, at the lowest prices ever offered. If interested, write us for prices.

SEEDS.

Aparageri Plumosus Naous, 99% germination, 30c per 100, \$2.00 per 1000, \$9.00 per 5000. Spronger, new crop, 15c per 100, \$1.00 per 1000, \$4.00 per 5000

Primula Sinensis Fimbriata, in separate colors, white, rose, blood red, blue 25c per 100, \$1.00 per 500, \$1.75 per 1000; all colors, mixed, 20c per 100, 85c per 500, \$1.50 per 1000.

Cineraria Nana Maxima, giant-flowered, in separate colors, pkt. 500 seeds; pure white Boulede Neige, azure blue, dazzling crimson, 50c; new sort, old rose color, magnificent, 100 seeds, 25c; all colors, mixed, 25c; 5 pkts., \$1.00. **grandiflora** max., pkt., 25c, 5 pkts., \$1.10. Best German, winter-flowering, ten weeks stocks, pkt., 25c. **Cineraria stellata**, flowers white, mauve, violet, purple, the **very best** for funeral work cut flowers, pkt., 25c.

Orders Taken Now for Imports of the
Beautiful Japanese Sorts of HERBACEOUS and TREE PAEONIAS.
 Our new Fall Catalogue will be sent out by 1st of July. Send for it. Address
H. H. BERGER & CO., 47 Barclay St., New York

Dutch Bulbs
 Special quotations on receipt of quantities required.
FRANKEN BROS., Lake Forest, Ill.

H. N. Bruns
VALLEY Finest Cold Storage Pips.
 1409-1411 West Madison Street, CHICAGO, ILL.

Pansy Seed New Crop.
 The Jennings Strain of finest American grown Pansy Seed now ready. Saved from finest selected stock. Large flowering and fancy colors in great variety. By mail, 1 oz., \$5.00; 3 oz., \$12.00; 1 pkg., 3000 seeds, \$1.00; 1 lb. prices on application. Plants ready in September. Cash with order.
E. B. JENNINGS, Lock Box 251, SOUTHPORT, CONN.
 GROWER OF THE FINEST PANSIES.
 Please mention the American Florist when writing.

The Nursery Trade

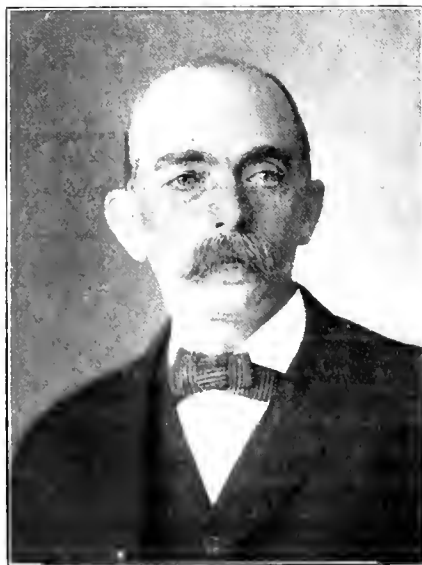
AMERICAN ASSOCIATION OF NURSERYMEN.

Emory Albertson, Bridgeport, Ind., Pres.;
Orlando Harrison, Berlin, Md., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirty-first annual convention, Dallas,
Tex., 1906.

C. W. WARD says the Baby Rambler is the greatest thing he ever saw in bedding roses.

American Association of Nurserymen.

The thirtieth annual meeting of the American Association of Nurserymen was called to order in the ball room of the West Baden Springs hotel by President Kirkpatrick June 14, 1905. The first actual business was a short address by the president, followed by



Emory Albertson.

(President American Association of Nurserymen.)

the secretary's and treasurer's reports. Next followed the reports of the various committees, including the various freight classification committees and that on legislation. The first paper of the meeting was now read, entitled, "The Cost of a Tree," by Harry L. Bird, of Michigan. After nomination of state vice-presidents the meeting adjourned.

WEDNESDAY AFTERNOON.

The following lectures were delivered, "Grading Nursery Stock," by L. A. Berckmans, of Georgia; "Low Prices of Ornamental Stock," by Charles Malloy, New York; "The Grape, the Commercially Neglected Fruit," by T. V. Munson, of Texas.

WEDNESDAY EVENING.

Two illustrated lectures were given at this session, both illustrated with stereopticon views; "A Tree Garden to last a Thousand Years," by J. Horace McFarland, of Pennsylvania, the subject being the Arnold Arboretum of Boston; "Soil Inoculation," by Dr. George T. Moore, United States Department of Agriculture

THURSDAY MORNING.

H. W. Stringfellow, of Texas, opened

the morning session with his paper on "The New Horticulture," Professor John Craig, of Cornell University, followed with a paper on "Quality versus Quantity." This dealt mainly with the apple and illustrating how the tendency to place quality first is becoming more pronounced.

A motion was now made and carried that instead of having the usual programme in the afternoon as much time as necessary should be given to the discussion of transportation.

F. C. Hall read a paper on the San Jose scale. As this turned out to be rather an advertisement for a preparation called kil-o-scale, it was decided not to print it in the records of the society.

THURSDAY AFTERNOON.

This session was devoted entirely to the discussion of legislation and transportation, Mr. Albertson, of Indiana, being the first speaker, outlined briefly what his committee had accomplished during the year and the difficulties they had to contend with. John S. Kerr, of Texas, and Mr. Stark, of Tennessee, also spoke on the subject. It was decided that the incoming president in appointing the next committee give them power to appoint a capable traffic man having sufficient knowledge of nursery methods to lay their wants intelligibly before the different railroads.

With regard to legislation, the main point in view is to secure the right of shipping from one state to another without interstate interference for purposes of inspection, etc., thus delaying stock in transit.

"Office Management," a paper by Thomas B. Meehan, of Pennsylvania, was not delivered and it was decided to print it in the records of the society.

After adjournment the American Nurserymen's Protective Association and the Nurserymen's Mutual Protective Association held their annual elections, the old officers being re-elected in both cases.

THURSDAY EVENING.

There was but one lecture given in the evening. George G. Hedgcock, United States Department of Agriculture, gave an illustrated talk on "Crown Gall and Root Knot," telling of the experiments made with this disease.

FRIDAY MORNING.

The election of officers was first in order, resulting as follows: President, Emory Albertson, Bridgeport, Ind.; vice-president, Orlando Harrison, Berlin, Md.; secretary, George C. Seager, Rochester, N. Y.; treasurer, C. L. Yates, Rochester, N. Y. Dallas, Tex., was chosen as the place for the next meeting after a spirited contest in which Chicago, Indianapolis and Atlantic City took a prominent part.

As there was not time for the reading of all the papers scheduled, it was decided to publish them in the records of the society. Next followed the reports of the committees on exhibits and programme. Before adjournment a motion was passed, raising the annual membership fee from \$2 to \$3.

FRIDAY AFTERNOON.

Hon. W. M. Hays, Assistant Secretary of Agriculture, gave an illustrated lecture on "Breeding and Introducing Pure Bred Fruit, Forest and Ornamental Trees."

FRIDAY EVENING.

A fruit banquet was the special feature, the fruit and floral decorations being furnished exclusively by the members of the association. J. H. Hale, of Connecticut, was toastmaster. This was followed by dancing. Nearly 150 members attended.

For Saturday a special excursion was arranged to Mammoth Cave, Ky.

PRESIDENT ALBERTSON.

Emory Albertson, president of the American Association of Nurserymen, was born in Washington county, Ind., in 1858. He moved to Bridgeport in 1879, the year of his father's death. The original business dates back to 1845. With his mother, the young man carried on the business for about a year, when he was joined by C. M. Hobbs, the same being members of the firm to-day.

Mr. Albertson has been connected with the American Association of Nurserymen since 1883 and since that time has attended twenty-one out of its twenty-three meetings. He has served the association in different capacities, several times as vice-president, and serving on different committees, being chairman last year of the transportation committee. This committee accomplished some very desirable results, chiefly through the efforts of its chairman. It was through Mr. Albertson's invitation last year that West Baden was chosen for the convention this year, which has had fifty per cent larger attendance than any previous meeting.

He has traveled much among the nurserymen of this country, having visited perhaps more nurseries than any other man in the trade.

HERKIMER, N. Y.—James Barclay has sold his greenhouses to H. A. Maximer, of Williamsport, Pa., and has moved to Pawtucket, R. I. He is proprietor of the Rhode Island Greenhouses at the latter city.



BABY RAMBLER ROSES AT THE NURSERYMENS' CONVENTION, WEST BADEN, IND.

(Exhibited by Vaughan's Seed Store, Chicago.)

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HARDY, EASILY MANAGED, BEAUTIFUL.

The Plant of the Day.



COTTAGE GARDENS COMPANY, INC.
QUEENS, NEW YORK.

Tarrytown, N. Y.

The sixth annual June exhibition of the Tarrytown Horticultural Society was held in the Lyceum building June 13. In spite of the excessively dry season the exhibits were quite up to the high standard of former years. The show was under the able management of David McFarlane. The attendance was even better than in former years.

In the rose classes Mrs. George Lewis (James Ballantyne, gardener), won in the best vase, the best twenty-five blooms and the best display of climbing roses. Mrs. J. B. Trevor (Howard Nichols, gardener) won in the best collection and best six varieties, six of each. For the best three varieties, six of each, the first prize was won by the Misses Masters (Henry Kastberg, gardener) and for the best twelve blooms, any one variety, Mrs. Ogden Codman (Frank Luckenbacher, gardener) was first. In hardy perennials William Rockefeller (George Middleton, gardener) was first and Mrs. O. Codman second for the best collection.

Samuel Untermeyer (John Featherstone, gardener) won out with a splendid collection of hardy shrubs. Mrs. George Lewis was first with a collection of sweet peas and first in a collection of antirrhinums. In vegetables Mrs. J. B. Trevor and Mrs. Codman were the principal prize winners. O. Untermeyer exhibited a beautiful collection of greenhouse fruit, including grapes, peaches, nectarines, figs and melons, also a nice table of fancy leaved caladiums. A fine vase of iris and a splendid vase of sweet peas were exhibited by Mrs. John H. Hall (Francis Gibson, gardener), to which special prizes were given. The F. R. Pierson Company's exhibit, which added greatly to the beauty of the show, included shrubs and herbaceous plants,
WM. SCOTT.

LINCOLN, ILL. — Otto Heimbrieker, with W. H. Gullett & Sons, and Miss Bessie Champion were married in this city June 14.

PÆONIAS.

Five varieties in the **Officinalis** class including **Filicifolia** the gem of all the vermillion, two weeks earlier than any other kind in crimson, red, pink and white. In **Chinensis** class, a choice selection in all colors from earliest to latest, all named. Write for prices.

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Nearly two hundred varieties of the finest colors and forms.

All American Seedlings and without doubt the finest collection in America. Now is the time to order. Descriptive catalogue on application.

H. A. TERRY, Crescent, Ia.

J. F. ROSENFELD, Pæonia Specialist,

WEST POINT,

LIST FREE.

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PEONIES! PEONIES! PEONIES!

The Progressive Man Moves the World.
Do Not Be Moved by the Crowd.
Shrewd Florists Are Planting Peonies.

Mr. Cut Flower Florist, you will doubtless want to plant **peonies that bring \$\$\$\$\$**, we have **all kinds, plant only the best**. The economic question is the base of all effort and industry critically studied and followed brings success, indifferently followed ends in failure. Plant the right kind of Peonies and give them the right care and you will be bound to make money, otherwise you will be at a serious disadvantage on the part of flowers. We advise you to grow sorts first that are free bloomers, with rather light wiry stems; second, sorts that have the fresh bright colors and good size; third, sorts that do not have their buds easily damaged by late frosts; unless a variety possesses all these points, one had better not plant it as it is the off year that pays best. Prepare for the off years. We have quite a thousand kinds, some in very large supply, others in a small way for testing purposes.

Our collection is the most representative in the world, the extra fine cut flower sorts are really limited. We expect to plant a large acreage for cut flowers this fall. Our list will include but few sorts but this few will contain only money makers as well as the extra fine sorts, they must all have the necessary points of Betscher's standard of excellence. Here is what we overheard some visitors of national note say while here: "A very fine collection." "Your peonies are the finest coming to our market." "I am overwhelmed at this scene—a glimpse of heaven." "I never realized the peony to be such a fine thing; no wonder you are so enthusiastic and confident about their future." "Such peonies as these will sell anywhere."

Our leaders are: **Dorchester, Grandiflora, Perfection, Rubra Superba, Festiva Maxima, Golden Harvest, Floral Treasure, Whittleyil, Achilles, Madame Calot, Marie Stuart, A. Lauris, etc.** Plants from 1 to 5 years old, everything true to name. Write us for prices and any information needed.
C. BETSCHER, Canal Dover, O.

Cattleya Schroederæ

The
Easter
Cattleya.

At last we have succeeded in collecting the finest and largest consignment of this beautiful Cattleya ever extracted from its native country. The plants are in superb condition considering their six months journey. Write for prices. Other arrivals: **C. Trianae, C. labiata, C. Warneri, C. Gigas and C. Dowiana.** Write for prices.

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Begonia Gloire de Lorraine

2-inch pots, \$15 00 per 100. 3-inch pots, very strong, plants, cut back twice, \$25 00 per 100.

BEGONIA TURNFORD Hall (new), 2-inch pots \$25.00 per 100.

Now Ready for Delivery. All these plants propagated from leaf cuttings.

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Westwood, CINCINNATI, O.

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We carried off the first prize for our exhibit of 100 blooms of **Festiva Maxima**, the grandest white Pæonia in existence.

We have a large stock of the true **Festiva Maxima** for September and October delivery; clumps average 3-7 eyes, at 10c per eye.

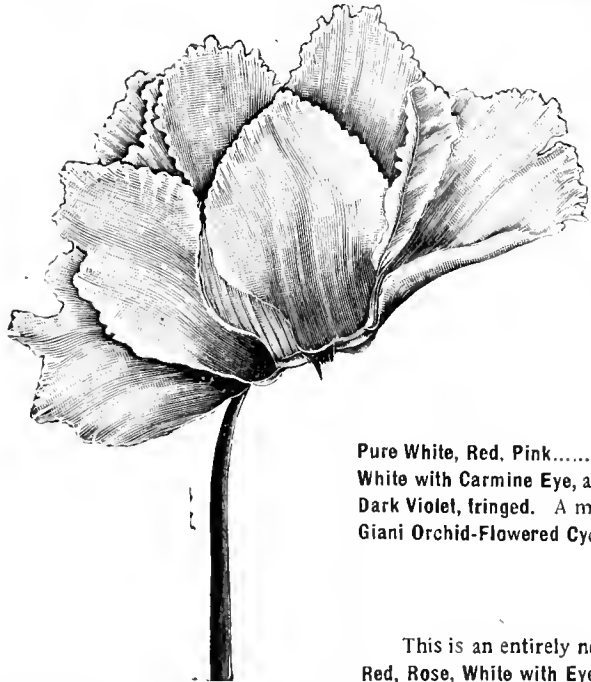
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Vaughan's Giant-Flowered Cyclamen



NOW IS THE TIME TO SOW THIS SEED.

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| Pure White (Mont Blanc)..... | } 100 seeds, 75c;
1000 seeds, \$5.00;
250 seeds of any one
kind at the 1000 rate. |
| Dark Crimson..... | |
| Rosa von Marienthal, "Daybreak" Pink..... | |
| Dark Rose..... | |
| White with Carmine Eye..... | |
| White Fringed, large; very attractive..... | |
| Rubin, rich blood-red..... | |
| Salmon, a splendid new color, 100 seeds..... | \$1.50 |
| Giant-Flowered Cyclamen, extra choice mixed. Per 100 seeds, 50c; 250 seeds for \$1.15; 1000 seeds, \$4.50; 5000 seeds, \$20.00. This mixture is made up from the above separate colors. | |

New Giant Orchid-Flowered Cyclamen.

These are exceptionally fine, with very large flowers that are fringed and ringed in wonderful fashion.

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| Pure White, Red, Pink..... | } Each, per 100 seeds, \$1.00
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| Dark Violet, fringed. A most beautiful new color, very distinct. Per 100 seeds, \$1.50; 1000 seeds, \$12.50 | |
| Giant Orchid-Flowered Cyclamen in choicest mixture. 25 seeds, 25c; 100 seeds, 85c; 1000 seeds, \$8.00 | |

ROKOKO.

This is an entirely new strain of Cyclamen, with flat round flowers, with wavy and fringed petals. Red, Rose, White with Eye. 100 seeds, \$2.50; 50 seeds, \$1.35.

Giant Orchid-Flowered Cyclamen, Pure White.

For List of Primulas, Ginerarias and Perennials, See Our New Import Bulb List, Mailed Free to Florists.

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Embracing a complete set of 12 New Century Dahlias; 25 New Cactus Dahlias; New Collarette Dahlias; New Giant-Flowered Dahlias; New Fancy Dahlias; New Decorative Dahlias; New Show Dahlias; New Single Dahlias. In all, 35 of the most wonderful Single Dahlias ever produced, and 41 of the grandest Double Dahlias.

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Hardy Roses from 4 and 5-in. pots, fine, strong plants—Crimson and Yellow Rambler, Gen. Jac. Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c. Large flowered Clematis, forest—purple, white, lavender, pink sorts, 4 and 5-inch, 18c; 1-year, from 3-in., 3c. Clematis paniculata, from 3¼ in. at 10c. Ampelopsis Veitchii, from 4-inch, 12c. Hardy Phlox, finest named, 4-inch, 10c. Golden Glow, 4-inch, 10c. Packing free for cash. W. H. Salter, Rochester, N. Y.

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Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

At Chicago.

The seventh game of the convention tournament series was rolled at Ben-singer's alleys June 20. The scores follow:

Player.	1st.	2d.	3d.	4th.
Pasternick	142	129	169	110
Bergman	141	126	121	190
Klunder	148	120	117	111
Balluff	127	184	151	167
Stevens	146	187	201	171
V. Kreitling	128	111	143	147
E. Winterson	113	134	112	101
Degnan	160	149	175	146
Pruner	113	138	147	115
Hauswirth	198	133	156	122
Scott	131	156	161	155
Asmus	154	152	225	160
Sperry	91	161	96	84

In the ladies' series the following scores were made:

Player.	1st.	2d.	3d.
Mrs. Asmus	100	65	69
Mrs. E. Winterson	59	89	40
Mrs. Scott	125	88	81
Mrs. Kreitling	70	85	113
Miss Moore	130	99	77
Mrs. Stollery	88	75	77
Mrs. Hauswirth	84	100	87

The following are the averages of the Chicago bowlers who have a chance to qualify for the national tournament at Washington:

Player.	Games Played.	Total Pins.	Average.
Stevens	24	4,374	182 6-24
Bergman	20	3,176	158 16-20
Asmus	24	3,795	158 3-24
V. Kreitling	24	3,782	157 14-24
Hauswirth	23	3,622	157 11-23
Degnan	24	3,685	153 13-24
Balluff	24	3,564	148 12-24
Scott	24	3,522	146 18-24
Pasternick	20	2,685	134 5-20
H. Klunder	24	3,164	131 20-24
Ed. Winterson	24	3,101	129 5-24

Opening Day at Waretown.

On Friday, June 16, quite a number of the craft accepted the invitation of Commodore John Westcott, of Philadelphia, to the opening for the season of 1905 of the Waretown Rod & Gun Club. This is held at the commodore's clubhouse at Waretown on the shore of Barnegat Bay. The following gentlemen composed the party: William K. Harris, Robert Craig, H. H. Battles, George Anderson, George Watson, William Graham, George Craig, John Burton, H. F. Michell, S. S. Pennock, Robert Kift, Charles Eimerman, J. Hanna, David Rust, William Hogerly, Mr. Ware, D. Donoghue, George Redford, John Dunham, William Westcott, W. H. Westcott, H. Clucas, of Clucas & Boddington, New York, and W. Gude, of Washington, D. C. Arriving at Waretown they were taken to the farm house, where the commodore welcomed them warmly. The old house was inspected thoroughly, not excepting the cellar, which contained refreshments that were much enjoyed after the two hours' ride from the city. The Bay Shore cottage or clubhouse on the beach was then visited and formally opened for the season. Mr. Westcott was much surprised and pleased when Robert Craig presented him on behalf of the company present with a beautiful onyx mantel clock. The commodore accepted

the gift with the hope that his guests would thoroughly enjoy themselves. A sail on the bay filled in the afternoon, after which a few of the party returned to town. Some spent the night and returned the next morning.

Saturday was spent in fishing. Two boat loads went out, the one captained by John Burton catching but one flounder, while that under the charge of the commodore, captured a 34-pound channel bass. This is considered quite a prize and the whole crew were justly proud of their achievement. W. K. Harris, who with some others remained ashore, led the doubting Thomases, but it was finally agreed after George Craig, whom everybody knows would not tell a lie even about fish, said "Oh, yes, they caught it," that the record go on the log book, together with a copy of the accompanying photograph. Mr. Hanna, who hooked the prize, has the forward end of the pole, while the commodore, who finally landed him, has the other. The fish was served next morning for breakfast.

One of the amusements was a tournament of quoits, which was won by the veteran W. K. Harris and his partner, D. Donoghue. Mr. Westcott has recently purchased another farm adjoining, which now gives him a plot containing something over 400 acres, much of it covered with timber and having about a half-mile frontage on the bay.

The balance of the party returned to town on Sunday much pleased and benefited by the outing. K.

Hartford, Conn.

The regular meeting of the Florists' Club took place on Friday evening, June 9, and there was a large attendance. Mr. Wirth, chairman of the committee on window boxes, which was recently appointed by President Huss, submitted an able and instructive report. The committee was awarded a unanimous vote of thanks. It was the sense of the meeting that if a matter so important were thoroughly taken up by the florists' clubs and horticultural societies of the country as a whole, a permanent impetus would be given window, porch and veranda gardening, and, incidentally, the commercial man would annually add many shekels to his bank account.

Our "club poet," who has the happy faculty of adding a dash of color to every important club event with a flash of his own peculiar genius, was particularly in evidence at this meeting. The following effusion is his contribution to the window box question, and he hopes it will have the effect of fixing a great subject firmly in the public eye:

O, golden years, advance, advance!
O, years of regal work and thought
Until the all pervading window box
To every Hartford home be brought.

The poet carefully explained that he did not wish to infer that Hartford should go it alone in this matter, but, as the acknowledged gem of eastern cities, she should be content to be the leader in this great movement and simply show them the way.

Secretary Ruedlinger read an interesting paper on "Insect Enemies and Their Activities which Interested Our Forefathers." The secretary is a recognized authority on all pests and he easily added to his reputation when he described in detail the various brands of "bug" and their preventatives, which have been in vogue from 250 years ago down to the present time. He received a hearty vote of thanks and the assurance of the meeting that his own "bug destroyers" were vastly superior to the old formulas. Arrangements were made for the reception of the executive committee of the American Rose Society, which meets in Hartford on June 10. Among recent visitors was George C. Watson of Philadelphia, the genial sage of the ginger jar.

On account of the impending vacation season, the club as a body adjourned until the first Friday in September.

A. C.

Los Angeles, Cal.

G. W. Oliver of the United States Department of Agriculture is visiting the United States Pacific Coast plant introduction stations.

T. C. Schwerin and wife, of San Francisco, were recent visitors.

J. W. Wolfskill is building a big new rose house, 40 x 250 feet.

To Morris Goldenson the stork has brought a baby girl.

Robert Armstrong has returned from San Francisco.



OPENING DAY AT WARETOWN.

(John Westcott and J. Hanna)

Buy Peony Plants Now

Order while the list is complete. We ship Sept. 1st, and the plants will be well rooted in your grounds before any imported stock could arrive, and you would have an advantage of 20 per cent in growth. Not less than five plants of any variety at these prices. Send for retail descriptive price list. Stock guaranteed true. No charge for packing.

EXPLANATION.

Divided plants will not have less than two eyes. Plants designated **SMALL** were divided last year and have one or two stalks of this year's growth; **MEDIUM** plants are two years old and have three to five stalks; **LARGE** plants are three years old, with six to ten stalks or more. Next year a plant will have from two to three times as many stalks as this year.

WHITE.

- Mont Blanc, or Solfaterre, fragrant, full, divided, 35c; medium, 90c.
- Festiva Maxima, tallest paper white, divided, 45c; medium, \$1.10; large, \$1.75.
- Scafoam, clear white, no markings, small, 60c.
- Queen Victoria, or Whitleyi, best keeper, divided, 18c.
- Papaveriflora, large full white, small, 40c.
- Boadicca, creamy white, cup shaped, div., 12c; med., 35c.
- Splendida, lemon center, blush guard, div., 20c.
- The Bride, dainty blush white, div., 20c.

ROSE.

- M. Barral, late full rose pink, small, 60c.
- Mme. Myssart, large late deep rose, small, 40c.
- Souv. de Calot, mid-season silver pink, med., \$1.00, large, \$1.50.

Mixed, white, divided, 8c; all colors, divided, 6c.

PINK.

- Golden Harvest, pink guard and center, div., 35c.
- Dorchester, late light pink, div., 35c.
- Princess Beatrice, large crown pink, div., 20c; small, 40c.
- Modele de Perfection, solid clear pink, with full crimped center, div., 35c; 3-yr., \$2.50.
- Jeanne d' Arc, deep pink guard, light center, small, 25c.
- Duke of Clarence, lilac guard and center, small, 75c.
- Delicatissima, delicate pink, div., 45c; med., \$1.10.

RED.

- Berlioz, large currant red, small, 50c.
- Purpurea Superba, early deep red, small, 40c.
- Meissonier, very dark red, without stamens, small, 40c.
- Rubra Superba (Richardson's), best latest black, small, 40c.

GERMAN IRIS or FLEUR-DE-LIS. Descriptive catalogue ready. Not more than 25 of a kind. Per 100

FLORENTINA, SANS SOUCI, SPECIOSA, SIR WALTER SCOTT.....	\$ 6.00
CELESTE, QUEEN OF MAY, AUREA, HARLEQUIN, MILANAISE.....	8.00
MADAME CHEREAU, JUDITH, BLACK PRINCE	10.00
FAIRY AND DALMATICA.....	12.00

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EVERGREENS Large Assortment.

Specialties—White Pine, Hemlock and Large Evergreens. Spring List for details.

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Everblooming Dwarf Crimson Rambler.

A gem among Roses. An everblooming, dwarf reproduction of Crimson Rambler. Always in bloom. Every florist in the land should have it. 2 1/4-inch pot plants, now ready for delivery, \$2.50 per doz.; \$15.00 per 100; \$125.00 per 1000.

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Credit Reference Book. A subscription to our Credit List will cost you \$10 a year, and it may save you \$100 the first month. Special Reports. We make a specialty of this part of our work. Collections. We collect slow and doubtful accounts. Why not go through your books at once and send us all the claims that are in arrears?

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Wholesale Growers of Nursery Stock.

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PEONIES 200 Choicest Varieties. Large Stock.

LILIES, Hardy Sorts, about 40,000 bulbs. GLADIOLI, in fine named and unnamed sorts. DAHLIAS, Richardias, Madetra Vines. SUGAR MAPLES, 6 inches to 10 feet. 100,000* CATALPA speciosa seedlings. BLACK LOCUST seedlings. List in season.

E. Y. TEAS, Centerville, Ind.

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to

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Wabash

On Account of the

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Low rates, long limits, liberal stop-over privileges, with the option of Lake Steamers between Detroit and Buffalo, Hudson River Day Line Steamers from Albany to New York, and Ocean trip from New York to Atlantic Highlands.

The only line running Free Chair Cars between Chicago and New York.

Write for free copy of Wabash N. E. A. Illustrated Folder, containing maps, time cards and full details.

C. S. CRANE, G. P. & T. A., St. Louis.
F. A. PALMER, A. G. P. A., Chicago.

French Paeonias

LARGEST AND MOST COMPLETE COLLECTION.

The only establishment devoted exclusively to the culture of Paeonias. My Specialty for more than 50 years.

All varieties guaranteed true to name.

Write for new general descriptive catalogue, which will be issued in July.

A. DESSERT, Paeony Grower,
WHOLESALE AND RETAIL,
CHENONEAUX, FRANCE.

Please mention the American Florist when writing.

Warnaar & Co.

SASSENHEIM, HOLLAND.

Growers of Peony Duchesse de Nemours,
Festiva Maxima, Marie Lemoine,
Canary, and other best commercial varieties.

CORRESPONDENCE SOLICITED.

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De GRAAFF BROS. Ltd.

LEIDEN, HOLLAND.

Special Growers of PÆONIAS.

Ask for our special list of Paeonias, where you will find such handsome things as Mr. Ch. Leveque, Duchesse de Nemours, Canary, Mme. Emile Lemoine, etc.

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B. & A. Specialties.

Paeonias.

Hundreds of the finest varieties, single and double. Strong clumps. Ask for prices for early fall delivery.

Hardy Herbaceous Plants.

Many hundreds of the finest varieties for Florists' purposes. We invite you to visit our nurseries. Get Our Catalogue.

Plant Tubs ALL SIZES. HIGHEST GRADE.

BOBBINK & ATKINS, Nurserymen, RUTHERFORD, N. J.

Rooted Cuttings of

Mme. Bergman, Willowbrook,
October Sunshine, Pink Ivory,
Opah, Major Bonnaffon,
These at \$10.00 per 1000.

From 2-inch Pots:

2000 Major Bonnaffon, 2000 Mme. Bergman,
3000 October Sunshine, 3000 Willowbrook,
3000 Opah, 2000 Pink Ivory.
These at \$2.00 per 100; \$15.00 per 1000.

ELI CROSS, Grand Rapids, Mich.
Please mention the American Florist when writing.

Salvia Splendens...

IN FOUR POPULAR VARIETIES.

Excellent stock, strong, should be planted at once. From 2½-inch pots, \$2.00 per 100.
SALVIA AUDUBON—Bright green, heavily blotched with yellow; scarlet flowers. From 2½-inch pots, \$4.00 per 100.

NATHAN SMITH & SON,
Adrian, Mich.

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Chrysanthemums.

New and Standard Varieties.

Fine plants, now ready. 2½-inch pots.

Write for List and Prices.

H. WEBER & SONS,
OAKLAND, MD.

3,000 Boston Market 3,000

FROM 2½-INCH POTS.

We have the above carnation, well established and if planted where they can be watered occasionally, will make good plants by planting time. \$2.50 per 100.

CERANIUMS—Beaute Poltevine, Mrs. E. G. Hill, J. Viaud, from the bench; all growing wood, fine for fall cuttings, \$6.00 per 100. Cash.

The W. T. BUCKLEY CO.,
SPRINGFIELD, ILL.

5,000 FINE, STRONG, 2½-INCH MUMS

ready for planting: Alice Byron, Mrs. Coombes, Wm. Duckham, \$3.00 per 100. Ben Wells, Mrs. Thirkell, Dr. Eaguehard, \$5.00 per 100. 500 in varieties at special rate. Write for varieties and prices. Cash with order.

GUNNAR TEILMANN, Marion, Ind.

CHRYSANTHEMUMS.

Charles H. Totty,

MADISON, N. J.

Wm. P. Craig Importer and
Plants, Bulbs and Seeds. Exporter.....

1305 Filbert Street PHILADELPHIA.

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L. van Leeuwen & Son,

SASSENHEIM, HOLLAND.

Extensive Growers of Different... **Bulbs and Plants.**

Makes it a Specialty to Grow **PAEONIAS** in Large Quantities. Prices on Application.

C. R. HILLS, Grand Rapids, Mich.

La Detroit, extra fine stock, while they last, 3-in. at \$5.00 per 100.

Chatenay, Perle and Sunrise, 3-inch at \$5.00 per 100.

Smilax, nice bushy plants, fine growth, 2½-inch, \$1.50 per 100; \$12.50 per 1000.

Christmas Peppers, 2¼-in., \$2.00 per 100; \$17.50 per 1000.

Primulas, about August 1, all varieties, 2¼-inch, \$2.00 per 100.

Aster Plants all sold—order earlier next year

If It Comes From HILL'S, It's All Right.

ROSES

BARGAIN PRICES WHILE THEY LAST.

This stock is very fine and in nice condition for planting. We need the room badly, therefore wish to dispose of same quickly. Will exchange part for 2-inch smilax.

17,000 Brides, 2½-inch pots.....	Per 1000.
32,000 Maids, " "	\$20.00
5,000 Meteors, " "	20.00
2,000 American Beauties, 3-in. pots, very fine	70.00
2,000 Brides, 3-inch pots.....	30.00

250 at 1000 Rates.

LAKEVIEW ROSE GARDENS,
Jamestown, N. Y.

Please mention the American Florist when writing.

Palms and Asparagus CHEAP.

Latania Bor., 2-in. pot, 1 seed leaves..	\$ 3.00
" " 3-in. pot, 15-18 in., 3 chr. lvs..	12.00
" " 5-in. pot, 18-20 in., 3-4 chr. lvs.	15.00
" " 5-in. pot, 20-24 in., 4 chr. lvs.	20.00
Kentia Bel., 2½-in. pot, 6-8 in., 2-3 leaves..	10.00
" " 3-in. pot, 8-10 in., 3-4 leaves..	12.50
Asparagus Plumosus Nanus, 2-inch.....	2.50
" " 3-inch.....	5.00

SHERMAN NURSERY CO.,
CHARLES CITY, IA.

Please mention the American Florist when writing.

BEGONIA

Gloire de Lorraine.

2-inch pots, fine stock, \$12.00 per 100.

TURNFORD HALL, 2-inch pots, \$15.00 per 100.

JULIUS ROEHRS CO., Rutherford, N. J.

Please mention the American Florist when writing.

BOSTON FERNS

PALMS, DRACAENAS, CERANIUMS, COLEUS, and general bedding stock in large quantities. Write for prices. Cash or satisfactory references.

L. H. Foster Estate, 45 King St., DORCHESTER, MASS

Hudson River Grown Violets Marie Louise, strong, healthy stock, \$3.00 per 100; \$25.00 per 1000 From sand, \$10.00 per 1000.

SCHAEFER'S (Inc.), Newburgh-on-Hudson, N. Y.

FIELD GROWN STRONG

German Roses

Forcing and Bedding Varieties in Quantities.

Please send orders for autumn delivery direct to

Peter Lambert,
Trier, Germany.

NOVELTIES—Several first rate red and pink hybrid teas: Gruss an Sangerhausen, Etoile de France, Mme. N. Levassasseur, A. Singer. H. Cordes, Graf Hochberg, etc.

Descriptive catalogues on application.

Please mention the American Florist when writing.

GOOD ROSES Clean, Vigorous Plants, Not Rejects or Culls.

Brides and Maids, per 100.....	2½-in. 3-in. 4-in.	\$2.50 \$4.50
Meteors and Golden Gates.....	3.00	4.50
Beauties, per 100.....		6.00 \$12.00
Hermosa and Souperl, fine.....		5.00 10.00

FERNS—ASPARAGUS.

Boston Ferns, 3-in., \$8.00; 6-in. and 7-in., very strong, \$50.00 and \$75.00.

Plumosus, in fine condition for immediate re-tailing, 4-in., \$15.00; 5-in., \$25.00.

Sprengeri, 3-in., \$5.00; 4-in., \$8.00

Valuable Stock. Good Profit in It.

W. H. GULLETT & SONS, Lincoln, Ill.

Please mention the American Florist when writing.

Kaiserin Roses

Strong, healthy stock, 4-inch, 8c.; 3-inch, 3½c. Brides and Maids, old stock, 3c each. Write for prices on large lots.

MRS. A. M. SCHAFER,
229 Balmoral Av., CHICAGO.
Please mention the American Florist when writing.

Red Sport.

The great Christmas "Hollyberry" red Carnation. Most profitable red ever introduced, and an easy deer; everybody can successfully grow it.

A. B. DAVIS & SON, Carnation Specialists,
PURCELLVILLE, VA.

Please mention the American Florist when writing.

Marie Louise Violets

Strong plants, February and March struck, healthy and free from disease. Cash with order. Your money cheerfully refunded if not satisfactory. \$15.00 per 1000.

C. LAWRTZEN, Rhinebeck-on-Hudson, N. Y.

New Orleans.

BUSINESS FAIR.

The second week of June has passed and general satisfaction in business during that time has been expressed. Several sections of the southern metropolis had their share of heavy rains, whereas others are still suffering under a prevailing dry heat. The destructive effects of it are beginning to show at many places unable to get a water supply from the city water works. The cisterns are mostly dry, furnishing hardly enough water for cooking and drinking purposes.

HORTICULTURAL SOCIETY MEETS.

The New Orleans Horticultural Society held its regular monthly meeting June 15. President Harry Papworth was in the chair, and the attendance was unusually large.

Through its chairman, Richard Eichling, the outing committee reported that all arrangements had been completed to take the members and their guests to Grand Isle, leaving here July 8 and returning July 10. The flower show committee reported progress. The Crop Pest Commission, at Shreveport, La., sent the society a communication through J. Steekler requesting co-operation in the work of destroying insect pests in agricultural and horticultural stock. An invitation was extended to the commission to meet the society at its annual meeting July 20. Henry Schenermann was elected a member of the society. The members are enthusiastic over the success the society has attained.

NOTES.

F. Rieth, Jr., has three new houses, 20x100 feet, in construction. He will add an elegant office and show-house of the same size, the whole making an attractive addition to our new establishments. Palms, ferns and Asparagus plumosus will be grown.

F. Faessel is building a modern show-house and office adjoining his range of houses. He had a large stock of young, healthy Boston and Pierson ferns.

P. A. Chopin modernized his entire place some time ago. He has a fine collection of general greenhouse stock.

CRESCENT.

NEW LONDON, CONN.—Pratt & Giger have gone out of business.

CARNATIONS
SPEAK QUICK.

2,000 fine strong **Carnation Plants** from flats hardened off outside ready to plant. Queen Louise, \$20.00 per 1000; Jost, \$15.00 per 1000; Prosperity, \$2.00 per 100; 100 and over at 1000 rates. Send for Lists. Cash or C. O. D.

BENJAMIN CONNELL, West Grove, Pa.

ASTERS Field Grown

Simple's branching, white, pink, purple, lavender, 40c., per 100, mailed; \$3.50 per 1000, express. Other varieties ready soon.

Body Primrose seedlings, nice 75c per 1000 mailed. **CABBAGE**, Late Flat Dutch and Surehead. Field grown nice stock, 85c., per 1000. A few Express, Wakefield and Allhead left yet to close out, 50c. per 1000. Cash.

BYER FLORAL CO., Shippensburg, Pa.

To Our Customers in the Western Passenger Association:

We can secure you a rate of one and one-fifth fare for the round trip to Chicago for the following dates: July 15, August 5, August 19, September 2, October 28. These tickets are good returning for about seventeen days. Those salable August 5th to 12th should be useful for florists coming to Chicago on their way to the Washington Convention from points in Western Passenger Association territory which includes states of Illinois, Iowa, Wisconsin, Nebraska, Minnesota, North Dakota and Kansas.

VAUGHAN'S SEED STORE, Chicago.

Asparagus Plumosus.

Nice stock from 2-in. pots, \$2.25 per 100; \$20.00 per 1000; not less than 500 at 1000 rates.

W. W. COLES, Kokomo, Ind.

GERANIUMS \$10.00 and \$12 50 per 1000.

Three acres planted for stock. Rooted Cuttings in any quantity after September 1. I will guarantee them to reach you in good growing condition, and would like to book your order now. Send for list.

ALBERT M. HERR, Lancaster, Pa.
Please mention the American Florist when writing.

Cyclamen Giganteum.

Our well known strain in separate colors. Fine, strong, healthy plants; 2 1/4-inch, \$5 00 per 100; 3 inch, \$8.00 per 100. Satisfaction guaranteed.

LEHNIG & WINNEFELD
HACKENSACK, N. J.

GRAND RAPIDS VIOLET STOCK.
Imperial, M. Louise and Princess of Wales, 2 1/4-inch pots, \$3 00 per 100; \$25.00 per 1000. per 100
Alysum, dbl., 2-inch..... \$ 3 00
Lobelia, trailing, 2-inch..... 3 00
Caulaurea, 2 inch..... 3 00
Mme. Sallerol, 2-inch..... 8 00
Salvia, 4-inch..... 6 00
Marguerites, 4-inch..... 6 00
Dracaena Indivisa 3-inch..... 10 00

CRABB & HUNTER, Grand Rapids, Mich.
Please mention the American Florist when writing.

SPECIALTIES

ROSES, from 3-inch pots, **In Best**
CARNATIONS, for fall delivery, **Varieties**
CHRYSANTHEMUMS,
SMILAX, VIOLETS.
Prices Low. Send for List.

WOOD BROTHERS, Fishkill, N. Y.
Please mention the American Florist when writing.

NEPHROLEPIS PIERSONI
ELEGANTISSIMA

Grand stock—In all sizes. Very popular in New York and all the large cities.

Unprecedented Sale of Large Specimens.

A splendid investment to plant NOW for the fall trade. Prices from 75c each; \$9.00 per dozen; \$50.00 per 100, up to \$2.00, \$3 00, \$5.00, \$7.50 each. Satisfaction guaranteed.

F. R. PIERSON CO., Tarrytown, N. Y.

Seasonable Stock.
IN EASTER LILIES,
HYDRANGEAS, GENISTAS,
SPIRAEA GLADSTONE,
RHODODENDRONS.

Palms, Ferns and
Decorative Stock.

R. DREYER, WOODSIDE,
L. I., N. Y.

Smilax Per 100

Fine plants, 2 1/4-inch pots..... \$1 25
Aspidistra Var...... 7-in. pots, \$1.00 each
Pansy Seed, July, \$4.00 per oz.

CASH or C. O. D.

JOS. H. CUNNINGHAM, Delaware, Ohio.

Chicago Carnation Co.
JOLIET, ILL.

Our plants are now in the field.
Write us for Fall delivery.

Please mention the American Florist when writing.

The Beautiful Pink Carnation

CANDACE

\$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Dissemination 1906. Early commercial.

INDIANAPOLIS FLOWER & PLANT CO., Indianapolis, Ind.
JOHN HARTJE..... Ind.
Please mention the American Florist when writing.

\$1.50 per 100 All strong 2-inch pot stock, lots of it in bloom.
Rooted Cuttings, prepaid. Rooted 2-in. Per 100 Per 100

Smilax..... \$1.25
Ageratum, Pauline, Gurney..... \$0.50 1.50
Fuchsia, 5 kinds; **Paris Daley**, white .75 1.50
Alternanthera, red..... .50 1.50
Coleus, 12 best bedders..... 1.00, \$4.00 .60 1.50
Roses, Ivory, Golden Gate..... 2.00
Smilax Seedlings, 300 per 100.
Asters Simplex, white, pink, crimson and purple, \$3.00 per 1000.

Cash. Direct all orders plainly to

BYER BROS., Chambersburg, Pa.
Please mention the American Florist when writing.

LUDVIG MOSBAEK,
ONARGA, ILL.

20,000 **Alternantheras**, red and yellow, 2 1/4-in. Per 100
R. C., \$3.00 per 1000..... \$1.50
50,000 **Asparagus**, Plumosus and Sprengerii 3-inch, \$5.00..... 2.50
8,000 **Coleus**, standard varieties..... 1.50
30,000 **Smilax**, 2 1/4-in., \$15.00 per 1000..... 2.00
5,000 **Umbrella Plants**, 4-in., \$6 00 per 100... 2 50
10,000 **Vinca**, 2 1/4-in. very strong \$2 50..... 1 50
5,000 **Celery Plants**, \$1.00 per 1000; trans. planted, \$2 00 per 1000.

All other Bedding and Vegetable Plants. Price List Mailed Free.

Please mention the American Florist when writing.

A FEW GOOD THINGS
YOU WANT.

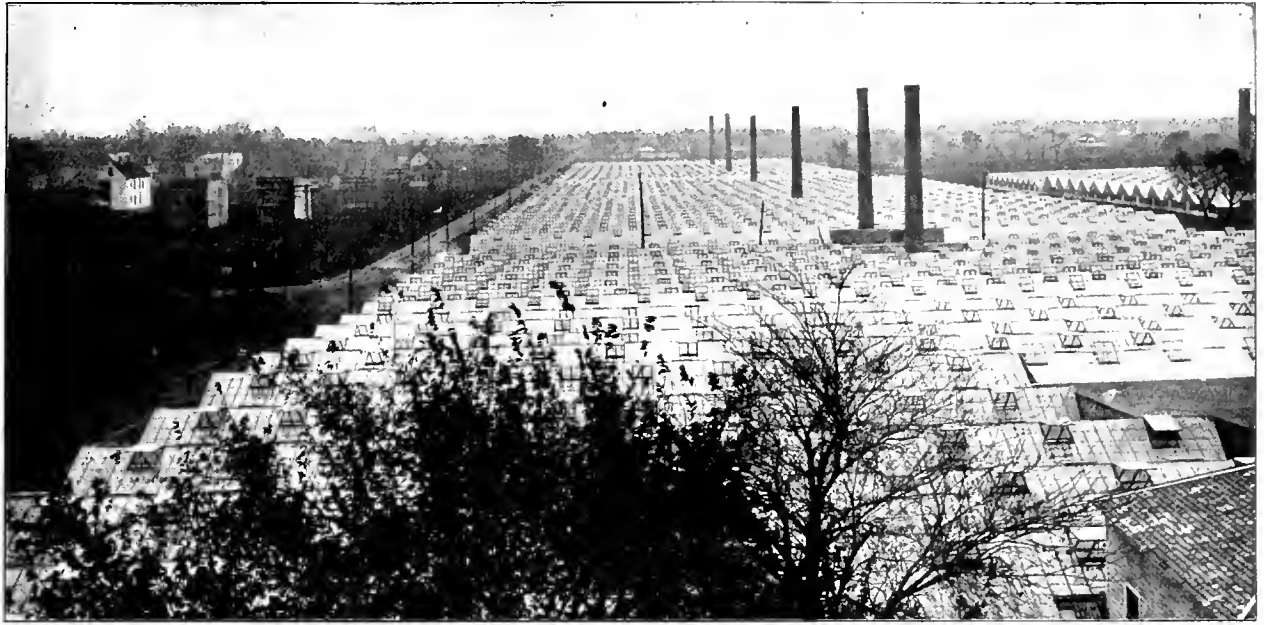
DRACAENA INDIVISA, 3, 4, 5-inch, \$5.00, \$10.00 and \$25.00 per 100.
ASPARAGUS PLUMOSUS, 2-inch \$5.00 per 100.
ASPARAGUS SPRENGERI, 2 and 3-in., \$3.00 and \$5.00 per 100.
GERANIUMS, S. A. Nutt, Castellane, John Doyle, Perkins, Single and Double, Gen. Grant, La Favorite, Mme. Sallerol, 2-in. pots, \$2.50 per 100; 3-in., \$5.00 per 100.
VINCA VARIEGATA, 2 and 3-inch, \$2.00 and \$4.00 per 100.
SCARLET SAGE, **LOBELIA**, **VERBENA**, **HELIOTROPE**, Double and Single **PETUNIA**, **COLEUS**, red and yellow, **AGERATUM**, blue, **ALTERNANTHERA**, red and yellow 2-in pots, \$2.00 per 100.
CANNAS, 3-in. pots, red, yellow and variegated, \$5 00 per 100.
REX BEGONIAS, nice plants, 2 and 2 1/4-in., \$5.00 per 10.
BOSTON FERNS, 5-inch, 30c each.
A nice lot of **MADE UP KENTIA PALMS**, in 8-in. and 9-in. pots, at \$3 00 to \$5.00 each. Splendid plants for decoration.

CASH WITH ORDER.

GEO. M. EMMANS, NEWTON, N. J.

Asparagus Per 100

Plumosus Nanus, 2 1/4-in. pots..... \$2.00
Primroses, Chinese, Obconica and Forbesi July 10..... 2.00



THIS VIEW SHOWS ONLY A PART OF OUR RANGE OF 1,200,000 FEET OF GLASS.

SEE PRICE LIST ON PAGE 999.

PETER REINBERG, WHOLESALE
FLORIST :::

51 Wabash Avenue, CHICAGO.

PALMS For Decorating and Growing
On for Fall Trade ::::

You can readily make a handsome profit by filling your empty benches with KENTIAS for fall trade. I have never offered a better lot of these popular palms; they are clean, vigorous and of exceptional value. I am confident you will be pleased with my stock.



KENTIA BELMOREANA

			Per doz.	Per 100
3-inch pots.....	4 to 5 leaves.....	12 to 15 inches high.....	\$2.00	\$15.00
4 " "	5 to 6 "	15 to 18 " "	4.50	35.00
5 " "	6 to 7 "	18 to 20 " "	6.00	50.00
6 " "	6 to 7 "	20 to 22 " "	9.00	70.00
			Each	Per doz.
6 " "	6 to 7 "	22 to 26 " "	\$1.00	\$12.00
6 " "	6 to 7 "	28 to 30 " "	1.25	15.00
6 " "	6 to 7 "	30 to 36 " "	1.50	18.00
8 " "	6 to 7 "	34 to 36 " "	2.50	30.00
9 " "	6 to 7 "	42 to 48 " "	5.00	

KENTIA FORSTERIANA

			Per doz.	Per 100
3-inch pots.....	5 leaves.....	12 to 15 inches high.....	\$2.00	\$15.00
4 " "	5 to 6 leaves.....	12 to 18 " "	4.00	30.00
			Each	Per doz.
6 " "	5 to 6 leaves.....	28 to 30 " "	1.00	12.00
6 " "	6 leaves.....	30 to 32 " "	1.25	16.00
6 " "	6 " "	32 to 36 " "	1.50	18.00

MADE-UP KENTIA FORSTERIANA

			Each,	\$2.00
7-inch pots.....	4 plants in pot.....	32 inches high.....		
8 " "	4 " "	36 " "	"	2.50
12-inch tubs.....	4 plants in tub.....	6 feet high, very bushy.....	"	12.50
12 " "	4 " "	6 to 7 feet high, very bushy.....	"	15.00

All measurements from top of pot in natural position.

MAY I HAVE YOUR ORDER NOW?

JOSEPH HEACOCK, Wyncote, Pa.

E. H. HUNT The Old Reliable

76-78 Wabash Ave., CHICAGO.

PEONIES, \$3 to \$6 per 100. **New Crop Ferns, \$1.50 per 1000.**
Carnations, \$1 to \$2 per 100. **Sprengeri, \$2.50 per 100.**
Roses, \$3 to \$5 per 100. **Asparagus, \$3 per 100.**
Valley, \$3 to \$4 per 100. **Adiantum, \$1.50 per 100.**

BEDDING STOCK

SPECIAL OFFER TO CLEAR.

	Per 100	Per 1000
Geraniums, assorted vars., 4-inch.	\$8.00	\$75.00
Alternanthera, red, green, yellow.	2.25	20.00
Echeveria, fine 2 1/2-inch.	2.25	20.00
Santolina, fine 2 1/2-inch.	2.25	20.00
Sweet Alyssum, fine 2 1/2-inch.	2.25	20.00
Coleus, 2 1/2-inch, 8 varieties.	2.25	20.00
Coleus, 3-inch, 8 varieties.	4.00	35.00
Lobelia, dwarf blue and white.	2.25	20.00

Packing and Shipping Free.

VAUGHAN'S SEED STORE,

84-86 Randolph St., CHICAGO. 14 Barclay Street, NEW YORK.

CYCLAMEN

Splendens Giganteum Hybrids.

Finest strain in the world, in five true colors, extra well grown plants, from 2 1/2-inch pots, \$5.00 per 100, \$45.00 per 1000. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.

Please mention the American Florist when writing.

First-Class ROSES For Sale.

Brides,	Chatenay,	Golden Gate.
Bridesmaid,	Hoste,	Ivory.
Perle,	Sunset,	3 1/2-in. pots,
Meteor,	Sunrise,	\$6.00 per 100.

P. R. QUINLAN & CO., Syracuse, N. Y.

Please mention the American Florist when writing.

ROSES

BRIDE, BRIDESMAID, IVORY and GOLDEN GATE, extra strong stock, out of 3-in. pots, \$1.00 per 100; \$35.00 per 1000.

CREVILLEA ROBUSTA, fine for vases, etc. 18 to 24 inches high, out of 4-in. pots, \$2.50 per doz.

ASPARAGUS PLUMOSUS, 2 1/4-inch, \$3.00; 3-inch, \$5.00 per 100.

JOHN C. HATCHER, AMSTERDAM, N. Y.

S. S. SKIDELSKY,

824 No. 24th Street,

PHILADELPHIA.

Correspondence Solicited.

Please mention the American Florist when writing.

JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
ROSES, PALMS,
 and Novelties in Decorative Plants.

Market and 48th Sts., Philadelphia, Pa.

PEONIES For Early Planting.

Choice selection of named sorts. Strong plants of 3 to 5 eyes. Apply for rates per thousand.

ALBA PLENA. Blush white guard petals. Lemon tinted center, changing to clear white. Per dozen, \$2.50; per 100, \$15.00.

BEACONSFIELD. Deep cherry rose. Late bloomer. Per dozen, \$1.50; per 100, \$10.00.

BERESFORD. Delicate rose with creamy petaloids. Tipped carmine. Large bloom. Per dozen, \$2.50; per 100, \$15.00.

DELACHIL. Deep crimson. Late. Per dozen, \$2.00; per 100, \$12.00.

DELICATISSIMA. Blush rose with circle of buff under guard petals. Very large and full to center. Strong, robust habit. Per dozen, \$3.00; per 100, \$20.00.

ECLATANTE. Cherry rose to center. Full strong bloom. Early. Dozen, \$2.00; 100, \$12.00.

FESTIVA ALBA. Pure waxy white flaked with carmine at center. Large, full flower. Per dozen, \$3.50; per 100, \$25.00.

GLOBOSA. Incurved form. Brilliant rose with salmon center. Strong stem. Per dozen, \$1.50; per 100, \$10.00.

HUMEI. Clear solid pink. Late. Per dozen, \$1.50; per 100, \$10.00.

LEMOINE. Solid color of delicate flesh white. Large full bloom. Compact habit. Per dozen, \$2.50; per 100, \$15.00.

MADONNA. Guard petals pale rose. Center chamols with rose tuft. Carmine tipped. Per dozen, \$3.00; per 100, \$20.00.

MAUD WILD. Large, full rosy pink; showing yellow anthers. Per dozen, \$3.00; per 100, \$20.00.

NE PLUS ULTRA. Solid shade of brilliant rose. A grand full petaled flower. Per dozen, \$2.00; per 100, \$12.00; per 1000, \$100.

OFFICINALIS RUBRA PLENA. Deep crimson. Very early. Per dozen, \$1.50; per 100, \$8.00; per 1000, \$75.00.

QUEEN VICTORIA. Guard petals bluish white. Flesh tinted center. A grand full flower. Very full and strong. Dozen, \$2.50; per 100, \$15.00.

ROSAMOND. Bright clear pink, tipped pale rose. Very large and free. Per dozen, \$2.50; per 100, \$15.00.

ROSEA SUPERBA. Guard petals and petaloids bright rose with a circle of salmon pink. Per dozen, \$2.50; per 100, \$15.00.

ROTHSCHILD. Guard petals bright rose with rich salmon center. Dozen, \$2.00; per 100, \$12.00.

RUBRA TRIUMPHANS. Brilliant deep crimson. A fine contrasting color. Per dozen, \$2.00; per 100, \$12.00.

SAINFOIN. Brilliant rose. Very full with threadlike salmon petals. Per dozen \$2.50; per 100, \$15.00.

SOMERSET. Pale rose with carmine tint and circle of buff. Very full and large. Per dozen, \$3.00; per 100, \$20.00.

WASHINGTON. Nearly solid shade of delicate pink. Full bloom. Early. Per dozen, \$2.00; per 100, \$12.00.

WHITLEYII. Large full white with creamy center. A choice variety. Per dozen, \$2.50; per 100, \$15.00.

MIXED PINK varieties, per 100, \$8.00; 1000, \$75.

PHONE 312. **JAMES KING NURSERY, Elmhurst, Ill.**

Please mention the American Florist when writing.

60,000 GRAFTED ROSES For Forcing

EXTRA FINE HEALTHY PLANTS. FREE FROM MILDEW.

LIBERTY, 3 1/2-inch pots, per 100.....\$ 18.00

BRIDESMAIDS, GOLDEN GATES, KAISERINS,
 3 1/2-inch pots, \$15.00 per 100; per 1000..... 145.00

SMILAX, 2 1/2-inch pots,
 Price: \$1.50 per 100 \$12.50 per 1000.

SEND FOR PRICE LIST.

J. L. DILLON, Bloomsburg, Pa.

Asparagus Seedlings

From flats. Well grown and thrifty.
 Plumosus Nanus.....\$10.00 per 1000
 Sprengeri..... 8.00 per 1000
 Large 3-inch Plumosus Nanus..... 25.00 per 1000
 Cash with order, prepaid. Get our prices on large lots.

Yalaha Conservatories, YALAHA, Lake Co., Fla.

CHOICE ROSE STOCK

From 2 1/4 and 3 1/4-inch pots.
Killarneys, Brides, Bridesmaids.
 Write for prices.

JOHN YOUNG 51 West 28th St.
 NEW YORK CITY.
 Telephone, 4463 Madison.

ROSES 2 1-2-in. Pot Plants.

Rosalind Orr English.....	Per 100 \$25.00	Per 1000 \$200.00	American Beauty.....	Per 100 \$ 5.00	Per 1000 \$40.00	Bride.....	Per 100 \$ 3.00	Per 1000 \$25.00
Perle von Godesberg.....	5.00	40.00	La Detroit.....	6.00	50.00	Ivory.....	3.00	25.00
Liberty.....	5.00	45.00	Bridesmaid, 3-inch.....	5.00	40.00	Perle, 3-inch.....	5.00	40.00

CHATENAY, UNCLE JOHN and KAISERIN reduced to \$3.00 per hundred; \$25.00 per thousand.

AM. BEAUTY BENCH PLANTS, per 100.....\$5.00; per 1000.....\$40.00

All plants and rooted cuttings sold under the express condition that if not satisfactory they are to be returned immediately when money will be refunded.

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Please mention the American Florist when writing.

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Arrived in superb condition Cattleya Schroederiae, C. Trilanae, C. Cigas C. Warneri, C. Dowiana. Write for prices.

Lager & Hurrell, SUMMIT, N. J.

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SANDER, St. Albans, England.

Agent, A. DIMMOCK, 31 Barclay St., NEW YORK CITY

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...JAPANESE NOVELTIES...

TINY PLANTS, in 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100.

RHAPIS, 5 to 15 shoots, 50 cents each.

CASH WITH ORDER.

LARGEST GROWERS OF EASTERN LILIES.

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July and August Delivery. Fine, Stocky Plants.

From 2½-in. pots.....\$6.00 per 100; \$50.00 per 1000

From 3-in. pots..... 8.00 per 100; 75.00 per 1000

Cash or satisfactory references.

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FOR 1905

Hundreds of New Names

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AND contains the usual fully corrected and revised lists of Florists, Seedsmen, Nurserymen, Horticulturists, Landscape Architects, Parks, Cemeteries, Botanical Gardens, Horticultural Societies, Horticultural Supply Concerns of the United States and Canada, Leading Foreign Houses and much other valuable trade information. Price \$2 postpaid.

AMERICAN FLORIST CO.

324 DEARBORN STREET, CHICAGO, ILL.

Poehlmann Bros. Company, Commercial Growers, Morton Grove, Ill.

Roses.

	2½-in.	3¼-in.
	Per 100	Per 1000
American Beauty.....	\$5.00	\$45.00
Chatenay.....	4.00	30.00
Uncle John.....	4.50	40.00
Bride.....	4.00	35.00
Perle.....	5.00	5.00
Sunrise.....	4.00	35.00
Bridesmaid.....	4.00	35.00
Golden Gate.....	3.50	30.00

Cut Back Bench Plants. Per 100

American Beauty.....	per 1000, \$45.00
Meteor, Bride, Maid, Golden Gate, Chatenay.....	\$2.50

Chrysanthemums.

	R. C.	2½-in.	3¼-in.
	Per 100	Per 100	Per 100
WHITE			
Willowbrook.....	\$1.50	\$2.50	
Estelle.....	1.50	2.50	
Kalb.....	1.50	2.50	
Robinson.....	1.50	2.50	
Ivory.....	1.50	2.50	
Jerome Jones.....	1.50	2.50	
Wanamaker.....	1.50	2.50	
Timothy Eaton.....	2.00	3.00	
W. Bonaffon.....	2.00	3.00	
Chadwick.....	2.50	3.00	
Crawford.....	2.00	3.00	
Merry Christmas.....	1.50	2.50	
YELLOW			
Monrovia.....	2.00	3.00	
Parr.....	1.50	2.50	
Sunshine.....	1.50	2.50	
Whildin.....	1.50	2.50	
Halliday.....	1.50	2.50	
Appleton.....	2.00	3.00	
Bonaffon.....	1.50	2.50	
Reiman.....	2.50	3.50	
Yellow Eaton.....	2.50	3.50	
Chautauqua Gold.....	2.00	3.00	
Nagoya.....	2.00	3.00	
PINK			
Lady Harriet.....	2.00	3.00	
Pacific.....	1.50	2.50	
V. Morel.....	2.00	3.00	
Perrin.....	1.50	2.50	
Xeno.....	2.00	3.00	

Chrysanthemums.

(Continued.)

	R. C.	2½-in.	3¼-in.
	Per 100	Per 100	Per 100
PINK			
Maud Dean.....	\$1.50	\$2.50	
Quito.....	1.50	2.50	
Pink Ivory.....	1.50	2.50	
Shaw.....	1.50	2.50	
Lady Hanham.....	2.00	3.00	
RED			
Intensity.....	2.00	3.00	
Shrimpton.....	2.00	3.00	
NEW VARIETIES			
White			
Emily Mileham.....	\$1.00	\$5.00	\$40.00
Mme. Paul Schut.....	4.00	5.00	40.00
N. Pockett (cream).....	.50	.75	4.00
Majestic...R. C., per 100, \$10.00			15.00
Adelia...R. C., per 100, 10.00			15.00
Yellow			
Mrs. Wm. Duckham.....	6.00	7.50	60.00
(Cup Winner)			
Merstham Yellow.....	4.00	5.00	40.00
Kimberly.....	.60	.75	
Prima.....	.60	.75	
Plumridge...R. C., per 100, \$2.00			3.00
T. W. Pockett. R. C., per 100, \$1.50			2.50
Pink			
American Beauty.....	\$2.50	\$4.00	
Cobbold.....	2.50	4.00	
McNiece.....	2.50	4.00	
Ben Wells (light pink).....	2.50	4.00	
Leila Filkins.....	2.50	4.00	
Etherington.....	2.50	4.00	
Dr. Enguehard.....	2.50	4.00	
Marie Liger.....	2.50	4.00	
Coombes.....	2.50	4.00	
Wm. Duckham.....	2.00	3.00	
Red			
Sport of Duckham.....	1.50	2.50	
Lord Hopetoun.....	.75	1.00	

Stevia.

Rooted cuttings, per 100.....	\$ 1.50
Rooted cuttings, per 1000.....	12.50
2½-in., per 100.....	2.50
2½-in., per 1000.....	22.50

Orders for less than \$2.00 not accepted.

Headquarters for Finest Cut Roses, Carnations and Other Cut Flowers.

Poehlmann Bros. Co., Morton Grove, Ill.

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Smilax.

Sprengeri.

Well grown, carefully packed plants, in any quantity, \$1.50 per 100; \$12.50 per 1000.

Well grown, carefully packed plants, in any quantity, \$2.00 per 100; \$15.00 per 1000.

—150,000 to select your order from.—

PLUMOSUS, DEFLEXUS, DECUMBENS, GERANIUMS, PANSIES.

Send for Summer Price List.

ALBERT M. HERR, Lancaster, Pa.

Louisville.

The week has been quiet, showing plainly that the dull season is approaching. The weather is intensely warm. Roses have come down considerably in quality. The quantity is adequate, and they sell satisfactorily. The warm weather has been bringing the carnations down in quality, too. The supply is a little short. Sweet peas sell satisfactorily. Lilies haven't sold so well. Peonies are no longer handled, the demand being exceedingly slow. Green goods can now be had in more satisfactory quantities.

The regular monthly meeting of the Kentucky Society of Florists was held Tuesday night, June 13, at William Walker's store, with a fair attendance. President Baumer not being able to be present to open the meeting, Vice-President Rasmussen took charge. The sweet pea show which the society intended holding this month has been declared off, owing to the impossibility of securing a suitable hall. J. C. Wilson was elected a member. The next meeting will be held at Anders Rasmussen's, New Albany.

Work has begun on Schultz's new store, which will be one of the finest in the country.

Visitors: J. D. Carmody, Evansville, Ind.; Mr. and Mrs. J. A. Peterson, Cincinnati, and Mr. Moore, of the Joy & Son Company, Nashville, Tenn.

F. L. S.

Lowell, Mass.

Business this month has been excellent, with plenty of weddings, graduations and lots of funeral orders, and enough stock of good quality to meet the heavy demands. But the prices realized for stocks these hot days are next to nothing.

Mr. and Mrs. George W. Patten left last Thursday for Vermont, where they will spend the summer in the Green mountains.

Mellor & Saunders furnished the decorations for the Cole-Hevoll nuptials, the society wedding of the month.

John Oliver, once a storeman, is doing a rushing business in landscape gardening.

John Gale, of Tewksbury, is putting up a new house, 30x200 feet, for violets.

A. M.

THOSE RED POTS

"STANDARDS"

FULL SIZE AND WIDE BOTTOMS. BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,

HARRY BALSLEY, Res.

DETROIT, MICH., 490 Howard St.

Standard POTS Flower...

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....

W. H. ERNEST,

38th and M Streets,

WASHINGTON, D. C.

Please mention the American Florist when writing.

REDPOTS

SAMPLE POT AND PRICE LIST ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.....

Standard Flower Pots

The WHILLDIN POTTERY COMPANY, PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

THE KELLER POTTERY COMPANY,

Manufacturers of FLORISTS' RED STANDARD POTS.

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.

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CUT FLOWER BOXES WATERPROOF Corner Look Style.

The best, strongest and neatest folding out flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

Size No. 0.	3x 4x20	\$2.00	\$19.00
" 1.	3x 4 1/2 x 16	1.90	17.50
" 2.	3x 6x18	2.00	19.00
" 3.	4x 8x18	2.50	23.00
" 4.	8x 5x24	2.75	26.00
" 5.	4x 8x22	3.00	28.50
" 6.	4x 8x28	3.75	36.00
" 7.	6x16x20	5.50	54.00
" 8.	3x 7x21	3.00	28.50
" 9.	5x10x35	6.50	62.00
" 10.	7x20x20	9.50	67.50
" 11.	3 1/4 x 5 x 30	8.00	28.50

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,

Box 104.

COLUMBUS, OHIO.

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—WRITE—

A. F. Kohr

1521-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for strength and porosity combined are the best on the market

Please mention the American Florist when writing.

STANDARD FLOWER POTS!

Packed in small crates, easy to handle.

Price per crate	120 7-in., in crate, \$4.88	Price per crate	48 9-in., in crate, \$3.60
1500 2-in., in crate, \$4.88	60 8 " " 3.00	HAND MADE	
1500 2 1/2 " " 5.25	48 10 " " 4.80	80, 3 1/2 " " 5.80	24 11 " " 3.60
1000 3 " " 5.00	500 4 " " 4.50	3 0 5 " " 4.51	24 12 " " 4.80
80, 3 1/2 " " 5.80	141 6 " " 3 16	12 14 " " 4.80	6 16 " " 4.50

Seed pans, same price as pots. Send for price list Cylinders for Cut Flowers, Hanging Baskets, Lawn vases, etc. Ten per cent off for cash with order. Address

HILFINGER BROS. POTTERY Fort Edward, N. Y. Or AUGUST HOLKEN & SONS, New York Agents, 31 Barclay Street, New York City.



GEO. KELLER & SON, MANUFACTURERS OF FLOWER POTS.

Before buying write for prices.

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Red Standard Flower Pots

Price list and samples on application.

Paducah Pottery,

J. A. BAUER, Proprietor.

PADUCAH, KENTUCKY.

PEERLESS GLASS REPAIR CLAMP



To mend cracked glass immediately and permanently. Box of 150, \$1.00. For sale by jobbers or address

ALEXANDER KLOKNER, Wauwatosa, Wis.

—MODEL EXTENSION—

Carnation Supports

Galvanized Wire Rose Stakes, Tying Wires, Single & Double Pot Hangers.

WRITE US.

Igoe Bros., 226 North 9th St. BROOKLYN, N. Y.

Please mention the American Florist to advertisers.

FLORISTS' SPECIALS.....

"Kinkaid" Hocking
 Kanawha Splint
 Lower Vein Brazil Block
 Genuine Smokeless Pocahontas
 Sullivan County Indiana Lump

COAL

We are direct agents. Write for prices for immediate shipment or season's supply.

GLOBE COAL COMPANY, 1560-1570 Old Colony Building, CHICAGO.

BEST AND Cheapest
 ALL-ROUND INSECTICIDE on the Market.



For Sale by Seedsmen. For Free Pamphlet Write to The Kentucky Tobacco Product Co., Louisville, Ky.

REED & KELLER,
 122 West 25th St., NEW YORK.
 Importers and Manufacturers of
FLORISTS' SUPPLIES
 Galax Leaves and all Decorative Greens.
 New York Agents for Caldwell's Monroo, Ala., "Dorset Brand" Smilax

L. BAUMANN & CO.,
 Importers and Manufacturers of
Florist Supplies
 76-78 Wabash Ave., CHICAGO.
 Write for our New Catalogue F. Our prices may interest you.
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WM. S. HARMAN,
 Chicago, Indianapolis.
 Producer, Jobber and Prompt Shipper of Bituminous Coal. Attractive prices on Alum Creek, Pocahontas Smokeless, W. Va. Splint, Brazil Block, Indiana Hocking Lump and other grades.

A. HERMANN,
 Cape Flowers, all colors, Cypas Leaves, Metal Designs, and All Florists' Supplies.
 SEND FOR PRICES.
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Wired Toothpicks
 10,000, \$1.50; 50,000, \$6.25. Manufactured by
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 Sample free. For sale by dealers.

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 Large runs of
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 Our Specialty. Write for Figures.
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It would pay large users of dust to communicate with us and get samples and prices.
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 —MANUFACTURERS OF—
Artificial Leaves.
 ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.
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 Leading Florists' Supply House. Ribbon Specialists.
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The Standard VENTILATING MACHINERY

The original machine with self-oiling cups. The most powerful, least complicated, very compact, with ease of operation.
The New Duplex Gutter
 Over six miles in use and highly recommended by all. The only Drip Proof gutter on the market.
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 It has no equals for simplicity or its working. Catalogue free.

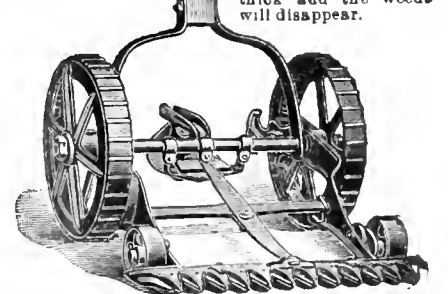
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 Now insures upwards of 21,000,000 square feet of Glass. For particulars address

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 SADDLE RIVER, N. J.
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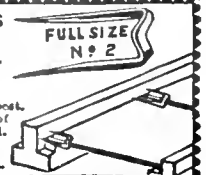
Kramer's Pot Hangers
 For Sale By Wholesale Seedsmen, Florists and Supply Dealers.
 Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.
I. N. Kramer & Son, Cedar Rapids Iowa.

Clipper Lawn Mower Co. DIXON, ILL.
The Mower that will Kill all the Weeds in Your Lawn. If you keep the weeds out so they do not go to seed and out your grass without breaking the small feeders of roots, the grass will become thick and the weeds will disappear.



The Clipper will do it. Ask your dealer for them. If they have not got them, below is the price: No. 1-12 is Mower, \$5; No. 2-15-16. Mower, \$5; No 3-18 is Mower, \$7 No. 4-21-16. Mower, \$8. Send draft, money-order or reg. letter.

Holds Glass Firmly
 See the Point **PEERLESS**
 FULL SIZE N° 2
 Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.
HENRY A. DEER,
 114 Chestnut St., Phila., Pa.



Toronto.

MARKET BRISK.

Business for the early part of June has surpassed all records, and many weddings have taken place in this city. Roses are still the leading factor on the cut flower market, and the present stock is of very high quality. Little mildew has been seen as yet, and with the many new varieties of insecticides and fumigants which are in use, it is expected that mildew will no longer prove a source of worry to the grower. American Beauty of very select grade is being received. Mme. Chateau and Gen. MacArthur are of very good quality, but not plentiful enough to meet requirements and Meteor is scarce. Bride, Bridesmaid and other teas are plentiful. Carnations are both plentiful and of good grade and find ready demand and will, no doubt, continue to do so until peonies come in, which are expected to appear next week. Myosotis of a very good variety, well grown, has been coming in from Manton Brothers. The retailers have elaborated considerably with this stock and many fancy hampers and basket arrangements were sold at good prices. A number of bouquets were also made for several of our best weddings and were commented on as being very fine.

NOTES.

Grobba & Wandrey have been cutting splendid flowers from their outdoor beds of lily of the valley. These are very well grown, the bells coming much larger than that forced indoors, and up to the present over 100,000 spikes have been cut. We have had so much rain lately, however, that it is likely to injure the balance of the crop. This firm is still bringing in tulips, white and pink, which are of very good quality.

Miss Isabelle Watson, who has been bookkeeper at J. H. Dunlop's for several years, was quietly married to John Ramsay. The best of good wishes were extended by all in the trade who had the pleasure of her acquaintance. The happy couple left for a tour of the American cities.

Washington.

LIGHT SALES.

The retailers have tried to keep up appearances during the past week, but it has been rather hard work. Their best customers are in Europe, or at the seaside and mountain resorts. The great heat has put most of the home grown stocks of roses and carnations in the Greek class, but there are plenty of good flowers to supply all demands.

NOTES.

George Shaffer furnished the decorations for the wedding of Miss Edna Kimball, daughter of Judge Kimball, to O. L. Ferris, on June 14. The decoration at the Metropolitan Presbyterian church, where the marriage took place,

was of palms and foliage plants, while the residence of Judge Kimball was handsomely decorated for the reception, with cut flowers.

Alex. B. Garden is making extensive improvements in his range and has demolished several houses to make room for more modern and convenient structures. He has been cutting a fine lot of gladiolus which his hustling salesman, Harry Robey, has disposed of to good advantage.

George H. Cooke has put in a fine stock of fancy caladiums which greatly add to the attractiveness of his store. His Lawson and Genevieve Lord carnations are very fine for this season.

Supt. W. R. Smith of the United States Botanical Gardens, will soon start on a visit to the land of the heather.

S. E.

ROCKFORD, ILL.—H. W. Backbee's wild Mexican mare is the talk of the day among his friends.

H. M. HOOKER CO.

Window Glass, Paints and Putty.
Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.

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Cunningham
Glass Co.

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.

150 Highest Awards; Gold Medals from all the Principal Exhibitions.

PURE ICHTHEMIC GUANO

Diploma, Glasgow Exhibition, 1901.

Adjudged by the most eminent growers throughout the world.

THE MOST RELIABLE,
THE RICHEST FOOD and THE MOST NATURAL FERTILIZER
FOR EVERY FORM OF GROWTH.

Send for book, "All about Ichthemic," fifth edition, by the late DR. TAYLOR, F. G. S., with notes by T. W. SANDERS, F. R. H. S., and others, gratis and post free.

THIS GUANO, for the convenience of small users, is put up in handsome enamelled tins at 6d., 1s., and 2s. 6d.; sealed bags, 14 lb., 4s. 6d., carriage forward. Larger bags, 28 lb., 7s. 6d., 56 lb., 12s. 6d.; 1 cwt., 20s., carriage paid. May be obtained from the Principal Nurserymen, Seedsmen, Florists, and Chemists, or direct of

WM. COLCHESTER & CO., Ipswich, England.

Shipping Depots all over the world.



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EASY WEEDER

ONE MAN WITH
THIS WEEDER CAN DO
MORE WORK THAN TWO CAN
DO WITH ANY OTHER WEEDER
ON THE MARKET
"AND DO IT BETTER"

This new idea as a weeding device has made itself an immediate favorite wherever tried.

Especially Adapted for Working Among Carnations, Roses, etc.

Equally as valuable to the Market Gardener as it is to the Florist, and in private gardens it is bound to become a general favorite.

Will More Than Pay for Itself in One Day's Use.

The inner edge is sharp, takes out all the weeds, makes the hard places easy to reach, and works the surface to a fine mulch.

Ask for circular, giving testimonials from some of the largest growers.

SOLD BY SEEDSMEN EVERYWHERE.

PRICES, prepaid: Each, 35c; quarter dozen, \$1.00; dozen, \$3.00.

ALFRED J. BROWN SEED CO.

Sole Agents for the United States, Canada and Great Britain.

GRAND RAPIDS, MICH.



HAMMOND'S SLUG SHOT FOR POTATO BUGS AND CURRANTS.

TO THE EDITOR OF AMERICAN GARDENING:

In your issue of June 18, on page 399, I notice a good article on the Colorado Beetle or Potato Bug. For the benefit of your numerous readers I would advise them to try Hammond's Slug Shot. I have used it here this season, with excellent results, on Potatoes, Egg Plants, Cucumbers and Squash,—for Potato Bugs, and also for Striped Beetles, and it is the best remedy I know of, simple and effective. I purchased two of the Dusters which he advertised in your paper, and they are very useful articles. The best time to dust the plants is early morning, as the substance adheres much better when the dew is on. A light dusting is sufficient, and woe betide the bugs or the larvae. Once they get a taste of it they shrivel up right away.

GEORGE STANDEN, Gardener to Col. D. S. Lamont, Millbrook, N. Y., 1904.

Sold by Seed Dealers and Merchants all over America.

Send for Pamphlet on Bugs and Blights to BENJ. HAMMOND, Fishkill-on-Hudson, N. Y.

SALE OF Boiler Tubes.

16 CAR LOADS of fine 4-inch tubes, suitable for use of Greenhouse men and Florists. They are rattled and are heavy tubes. Just what you need. We can make quick delivery. We will quote you prices if you will advise us how many you can use. We advise purchasing in carload lots, as we can make extremely low prices in quantities.

In Addition to the Above, We have For Sale Everything in the Way of SUPPLIES Such as You Are Using.

WROUGHT IRON PIPE, sizes from $\frac{3}{8}$ -in. to 14-inch.

BOILER TUBES, sizes from $1\frac{1}{2}$ -in. to 8-in.

50 HORIZONTAL TUBULAR BOILERS, from 10 to 200 horse-power.

1,000,000 square feet of SASH from the St. Louis World's Fair.

LUMBER, GARDEN HOSE, Etc.

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West 35th and Iron Sts., CHICAGO.

Please mention the American Florist when writing.

PUMPS Rider-Ericsson. Second-hand, from \$40.00 up; all repairs; other makes; new; cheap.

BOILERS New and second-hand. One second-hand steam; first-class condition; will heat 1,000 sq. ft. glass; at \$35.00. One second-hand No. 17 Hitchings boiler, first-class condition, \$75.00

PIPE New 2 in. standard full lengths, with couplings, 8 $\frac{3}{4}$ c per ft. Good, serviceable sec nd-hand, with threads, 2 to., 7c; 1 $\frac{1}{4}$ -in., 5 $\frac{1}{2}$ c; 1 $\frac{1}{2}$ -in., 3 $\frac{1}{2}$ c; 1-in., 3c. Old and new fittings and valves

STOCKS and DIES New Economy, best made, No. 1 threads, $\frac{1}{2}$ -in., $\frac{3}{4}$ -in., 1-in. pipe, \$3.00. No. 2 threads, 1 $\frac{1}{4}$ -in., 1 $\frac{1}{2}$ in., 2-in. pipe \$4.00.

PIPE CUTTERS New Sanders Pattern. No. 1 cuts $\frac{1}{2}$ -in-1-in. pipe, \$1.00. No. 2 cuts 1-in.-2-in. pipe, \$1.30.

STILLSON WRENCHES New, 18-in., grips $\frac{1}{4}$ -in.-2-in. pipe, \$1.65; 24-in., grips $\frac{1}{2}$ -in-2 $\frac{1}{4}$ -in. pipe, \$2.40; 36-in., grips $\frac{3}{4}$ -in-3 $\frac{1}{4}$ -in. pipe, \$4.75.

PIPE VISES New No. 1 hinged, grips $\frac{1}{2}$ -in.-2-in. pipe \$2.25.

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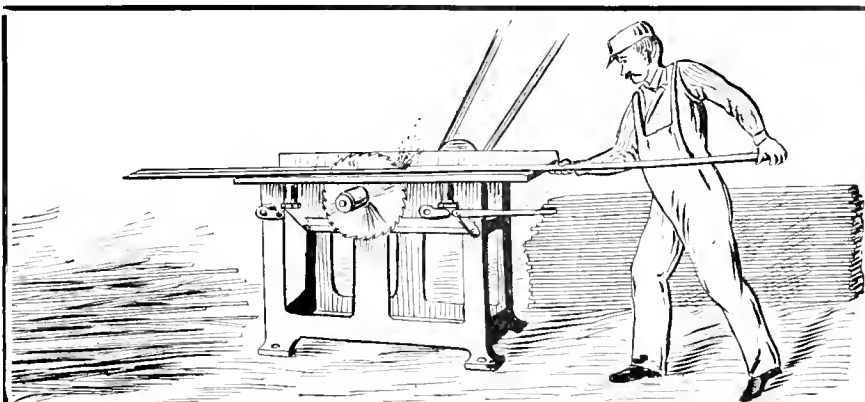
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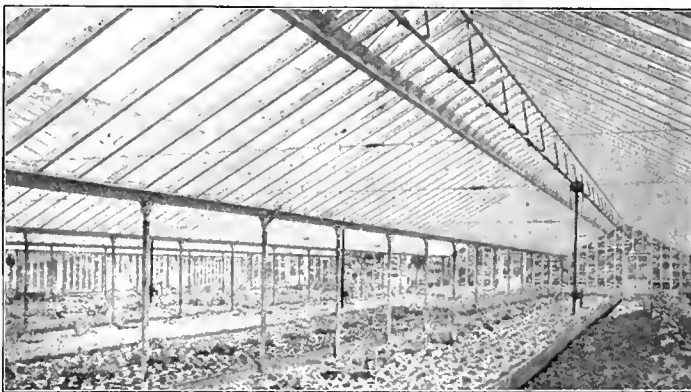
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Vol. XXIV.

CHICAGO AND NEW YORK, JULY 1, 1905.

No. 891

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TWENTIETH YEAR.

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Annual convention and exhibition at Boston, 1906. PETER FISHER, Ellis, Mass., president; ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., March, 1906. ALEX. MONTGOMERY, Natick, Mass., president; Wm. J. STEWART, 11 Hamilton Place, Boston, Mass., secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition, November, 1905. FRED. H. LEMON, Richmond, Ind., secretary.

Fertilizers
Next
Week's
Subject.

Herbaceous Calceolarias.

[Paper read before the Morris County Gardeners' and Florists' Society, Madison, N. J., by its president, John Heeremans, June 14, 1905.]

Herbaceous calceolarias, when well grown, take a foremost position among decorative flowering plants during the months of April and May. The wonderful markings and vivid colors to be seen in a collection of these plants at once attract attention, and there is no reason why they should not be much more generally grown, especially in private gardens, than is now the case. I propose in the following few lines to give a short outline of their cultivation that will be likely to lead to success.

First, a packet of seed must be obtained from a reliable source and the latter end of July is a good time to sow it. Procure some pots or pans that are thoroughly clean, which must be well drained and filled with a light, sandy soil, also seeing that the surface is quite level. Water well before sowing, and, on account of the very minute size of the seed, it is best not to cover it all with soil, simply scattering it evenly over the surface. When sown, place the pans in a cool, shady place in the greenhouse and cover with a sheet of glass.

The seed should not require watering until it sprouts, but if it should get anything like dry, of course it must be watered, and the best way is to hold the pans in a pail of water and allow it to soak up from the bottom rather than watering overhead at this stage. As soon as possible to handle the seedlings, with a piece of pointed stick they should be pricked off into 5-inch pots, a couple of dozen in a pot or so, using the same light, sandy mixture as before, and watering with a very fine rose. It is always advisable to prick off about double the number it is intended to raise, as these young plants are very liable to damp off. The damping is, I consider, one of the greatest difficulties the cultivator has to contend with, and this is the reason I prefer to prick them off into comparatively small pots rather than boxes. You get more chance, for if a box once starts to damp they take a lot of stopping and you will likely lose the entire box.

If the grower can keep the young seedlings just moving and healthy until the cooler nights of late September and October he will have made a good start. When the plants are large enough and nicely rooted they should be transferred

singly to the smallest size pots, still using a light, sandy soil. They must always be placed in a shady position on a moist bottom and have a fine syringing overhead several times a day in hot, bright weather. A mean temperature of from 45° to 50° from now on through the winter will suit them admirably. As soon as the small pots are well filled with roots shift to 3-inch pots, and at this stage some well-rotted cow manure, in the proportion of one-fifth, may be mixed with the soil to advantage. Later pottings in January and February may be to 6-inch, 8-inch and 10-inch pots for the more vigorous specimens. For the final potting cow manure well rotted in the proportion of one-fourth and a good dusting of bone meal with the soil may be used.

The worst pest to which these plants are subject is green fly and these must be given no quarter. It is well to fumigate once a week or ten days. No difficulty should then be experienced in keeping them quite clean and healthy. The plants should never be crowded together after potting, but always allow a good space between the pots for a circulation of air or the lower leaves will quickly damp. When the flower spikes appear they must be neatly staked out and once commencing to flower, the collection will probably last in bloom from six weeks to two months, delighting all who see them and proving a rich reward to the patient, painstaking cultivator.

Notes on Aquatics.

All plans for spring and summer planting should now be completed, and with the advent of warm, settled weather rapid growth and development will be certain. When construction work has been delayed planting should not be deferred until another season, if plants can be secured even as late as the end of June, and in the case of hardy nymphæas even later, as the plants will get established and will start into growth much earlier the following season than can possibly be the case even with early planting. Use discretion in selecting nymphæas for small or large ponds and do not be guided by prices or catalogue descriptions. Better get the advice from the grower or salesman as to the fitness of varieties for certain ponds before ordering if any doubt exists.

No plants used for general decorative effect on a small or large scale give so

much pleasure for the amount of labor expended as do aquatics. There is little or no labor expended on them after they are planted, their chief wants being water and sunshine, and nature supplies these. In artificial ponds built of masonry everything is generally plain sailing. Few insects attack the plants, nor do diseases affect them. But in natural or semi-natural ponds this is not always the case. The plants are sometimes attacked by a worm that cuts the leaves of water lilies into pieces by burrowing through the entire surface of the leaves. Its trail is very evident, and where leaves are badly affected they soon die, the plants suffering in consequence, as well as being unsightly. A gentle spraying of kerosene emulsion will stop their work and also kill the larvae of a small moth that cuts pieces from the leaves in semi-circles. Where these are much in evidence a lamp trap will attract a number of moths at night. They readily fly to their own destruction. The larvae of the melonworm fly is very destructive in some sections, and it is often unnoticed until serious mischief is done. The eggs are usually laid on the margin of the leaves and frequently on young leaves before they unroll. In the latter case the leaves are ruined, the edges of the expanded leaves being rolled over and with a webbing somewhat like a spider's web made to form a protection for the "worm." As they mature they eat their way into the stalk, where they have more shelter and where more mischief is done, as they hollow out the stem, thus cutting off the flow of sap. This is especially noticeable after a few dull days followed by bright sunshine, when the leaves wilt and droop and become dead. The loss of leaves cripples the plants and if not checked the rhizomes will be small and weak and the plant probably will succumb to a hard winter. If this pest is found on a few plants it is an easy matter to rid them by hand-picking, but on a large clump or planting, hellebore applied with a bellows early in the morning while the dew is still on the leaves is a very effective remedy. Insecticides in solution are of little avail as water or liquids will not stay on the leaves.

In natural and semi-natural ponds native aquatic plants will make their appearance and numbers of them should be encouraged, but as these are generally of rugged growth or very free, they are apt to smother more delicate plants that are most desirable to cultivate. Keep a lookout for choice subjects or they may be lost, weeding out unnecessary and strong growing plants and keeping each within bounds.

There is much pleasure ahead for the hybridist, especially in the line of aquatic plants. The choicest nymphaeas of to-day are the result of select crossing of various varieties. This field is by no means limited, still very few novelties appear. When they do they are usually out of reach of the general buyers for the simple reason that most hybrids are sterile and there is but one way of propagation and that is by division. The horticultural world is still waiting for that promised hardy blue water lily. Have hybridists grown weary?
W. TRICKER.

COLUMBUS, O.—On the night of June 15, 500 geranium plants were stolen from the beds in Franklin park.

THE CARNATION.

Carnation Glendale.

We are in receipt of some very fine blooms of W. J. & M. S. Vesey's new variegated carnation, Glendale. The red and white variegation is quite evenly balanced, making a rather pleasing flower of good form, good calyx, about three inches in diameter and borne on excellent stems. The flowers are particularly good for this season of the year, when the hot weather is anything but beneficial to carnations. This variety is not a cropper, it is said, and the healthy growth appears free from disease, while the calyx seldom bursts, even in the coldest weather. Glendale was awarded first prize at the World's Fair, Buffalo, Detroit and Chicago exhibitions as the best variegated variety on exhibition and will be distributed to the trade next spring by W. J. & M. S. Vesey, of Fort Wayne, Ind., and the Chicago Carnation Company, Joliet, Ill.

Grafted Carnations.

Attention is called to a disease of carnations due to *Fusarium dianthi*, by G. Poirault, in a bulletin of the National Agricultural Society of France, and the varying susceptibility of different varieties is pointed out. The author has begun a series of experiments by which he hopes to increase the resistance to disease by modifying the conditions of plant nutrition. He notes that a variety of carnation very susceptible to disease was successfully grafted upon the common soapwort (*Saponaria officinalis*) and the carnation grew, bloomed profusely and remained free from disease throughout the season.

Lawson Carnations Indoors.

Relative to the house of Lawson carnations shown in the illustration herewith, I wish to state that the plants were benched July 28, 1904, and up to the present time we have cut, from 4,000 plants, over 60,000 blooms—that is, marketable blooms—and the plants are now in full crop and will give at least from five to eight blooms to a plant before they are thrown out. In regard to health, they are in perfect condition and the blooms are fine for this time of the year.
J. D. THOMPSON.

Monmouth County Horticultural Society.

On account of the rose show, this society held only a short business meeting. The president announced the semi-monthly meetings closed for the season, and the regular meetings will be held on the first Friday of each month. The rose show was a great success. It was a little early for sweet peas. The prizes were awarded as follows: Collection of hybrid teas, Hale, first; Butterbach, second; collection of hybrids, Hale, first; Kettel, second; twelve varieties of hybrids, William Dowlen, first; Hale, second; six varieties of teas, Butterbach, first; collection of sweet peas, Hale, first; W. W. Kennedy, second; vase of sweet peas, James Kennedy, first; H. A. Kettel, second; collection of strawberries, Hale, first, William Dowlen, second; three varieties of strawberries, Hale, first; Brimtor, second.

Certificates were awarded to William Dowlen for collection of poppies; James Kennedy for collection of roses; A. Strohmenger for collection of vegetables; Messrs. Longstreet and Butterbach, each, for collection of lettuce; William Turner for general display of hardy flowers; William Turner for collection of carnations; James Dowlen for display of rose seedlings; Messrs. Hale and Butterbach, each, for collection of digitalis; Hale for peonies, James Dowlen for cauliflowers and H. A. Kettel for mignonette.

The exhibits of fruit and vegetables were auctioned off for the benefit of the society. Some of the strawberries brought \$1.10 per plate, the lowest sold was 60 cents per plate. Some of the lettuce brought 38 and 40 cents per head. One head of Trianon brought 88 cents. Onions in bunches, three in a bunch, were sold at 25 cents per bunch.

We made a trip last week to Boston, and went through Welch Brothers' wholesale establishment. At Thomas F. Galvin's store we saw the yellow calla lily, and believe it will be popular before long.
B.

WORCESTER, MASS.—At a meeting of the Worcester County Horticultural Society, held June 1, the sum of \$50 was voted to the fund being raised for a memorial to Edward Winslow Lincoln, who was secretary of the society for thirty-five years.



HOUSE OF LAWSON CARNATIONS JUNE 5, 1905.

(Planted July 28, 1904.)

WITH THE GROWERS

Genistas Grown in the Open Air.

The accompanying illustration shows a bed of genistas growing in the open air at the establishment of Robert Craig & Son, Philadelphia, and being trained to globular and pyramidal forms. It is customary to grow these plants under glass during summer time, but Mr. Craig thinks they make stronger and better plants outdoors, and that the room in the houses they would occupy can be utilized to better advantage during the summer.

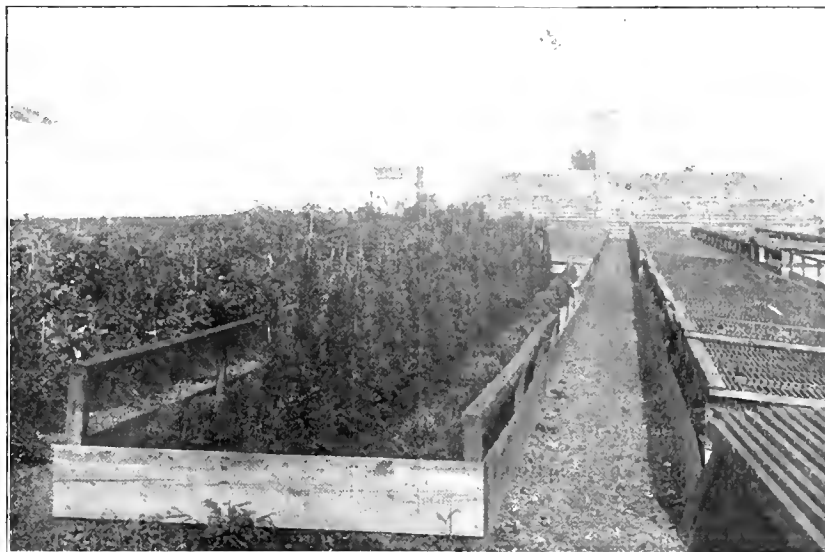
Bobbink & Atkins, Rutherford, N. J.

Interest at this establishment has since the opening of June centered on the display of peonies which has been more than usually extensive this year. The collection embraced a large number of varieties, both single and double, all noted in the excellent catalogue issued by the firm this spring. In the herbageous grounds the collection of phloxes is now seen to advantage. Gaillardia grandiflora maxima is also well presented. Another plant, perhaps not so well known as it deserves to be is Iberis Gibraltarica, just now showing most beautiful clusters of lavender flowers with white centers. With its strong, compact growing foliage and free blooming proclivities, it should be better known as a bright and attractive border plant, and one appealing to every florist.

In one of the greenhouses is a stock of 5,000 or more plants of the new scarlet daisy (*Gerbera Jamesoni*.) This daisy is much sought after on account of its beauty and its adaptability to use as a cut flower. Its long stem and scanty foliage make it particularly suitable for vase or bouquet use, and it has sold freely in the New York market at good prices. The firm's stock is unusually large, but the call for it is also large.

The large stock of bay trees carried by the firm is disposed about the grounds, and a regular forest of them meets the eye of a visitor on entering the establishment. The stock includes specimens of all sizes in standard shapes. Back of the present greenhouses excavations are being made for six additional houses, each 115 feet long. These will be heated from a separate system.

See last week's issue, page 902, for illustration showing peony plantation of this firm.



GENISTAS OUTDOORS AT ROBT. CRAIG & SON'S, PHILADELPHIA. PA.

Durable and Inexpensive Bench.

An excellent greenhouse bench can be made in the following manner: Common drain tile are used for posts and are set in concrete. Rests for steampipes, of the same material, are laid crosswise. For the box a false bottom is made of lumber, and overlaid with concrete, one inch in thickness, in which is imbedded common wire netting the width and length of the bench. Cross pieces of 1-inch pipe, about two feet apart, will give added strength. Galvanized siding is used. This is not an expensive bench and will last a lifetime. The accompanying illustration will give a clearer idea of this method of construction, which is being adopted by the George Wittbold Company, Chicago.

MANHATTAN, KAN.—H. H. Orth, a gardener at the state agricultural college, recently lost two fingers of his right hand in an accident with a mowing machine.

VALPARAISO, IND.—A. Londenberg of Hobart, Ind., was in Chicago June 13, purchasing building material for his new greenhouse plant here at 55-57 Indiana avenue. The place will be known as the Valparaiso Floral Exchange.

MARKET GARDENS.

NEWPORT, R. I.—The crop of strawberries is much better in this section than for several years past. The first fruit was brought into market June 15.

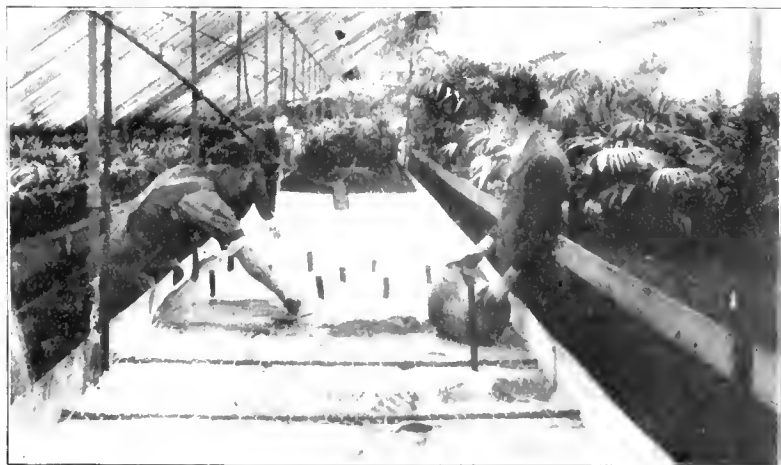
Pure Culture Mushroom Spawn.

The illustration herewith represents mushrooms grown from pure culture spawn. This is an improvement over the older methods of obtaining mushroom spawn and has been brought about by selection. Prof. Duggar, of the United States Department of Agriculture, has developed methods by which the chances of obtaining poor, thinly capped mushrooms are eliminated and a high standard of well developed mushrooms is certain. As with others, we have become interested in this spawn and have used a number of pounds during the season, and feel justified from our experience in saying that as growers become acquainted with it, they will depend entirely on the pure culture spawn. A noticeable feature of its growth is the evenness of size, the weight and solidity, and yet the tenderness. We are picking mushrooms now that average one-fourth pound in weight without losing their tenderness.

Varieties of pure culture mushrooms have been separated and named according to their color and general appearance; for instance, a pure white one is named Alaska, a brown capped one, Bohemia, and a cream colored one, Columbia. We especially like Columbia; it looks well for marketing.

It must not be presumed that the spawn will grow with less care than is accorded in ordinary mushroom culture. Every detail must be just as accurately observed to gain results. The season is passed for making up new beds under ordinary conditions, but it is pertinent that one consider the matter for the early fall work in mushroom growing. Prof. Duggar is to be congratulated upon his success and market gardeners who may have contemplated giving up mushrooms will find it worth while to give the pure culture spawn a trial.

FRANCIS CANNING.



DURABLE AND INEXPENSIVE BENCH.

THE ROSE.

Staking and Tying.

How often we see the young rose plants suffering for the want of supports, lying around with foliage matted up and gritty, due to allowing them to hang around any old way without stakes so they become the prey to red spider at the very start. The young plants should be tied immediately after planting, so as to get the full benefit derived from syringing. We can then spray them with sufficient force to keep down red spider and hold the green fly in check to a certain extent, and at the same time the plants will not be broken. Grafted stocks, owing to the splice, which is easily separated at this stage, should certainly receive attention as to tying as soon as possible. One tie made firmly just above the splice will make them safe for syringing until the tying can be done more carefully.

There are many different styles of bracing the running wires preparatory to staking, but for a permanent brace, also a very economical one, I would suggest one-inch pipe. Old pipe that is unfit for heating purposes will often answer the purpose. First, cut the pipe in pieces long enough to drive into the ground eight or ten inches and to extend above the tables about three feet; then thread each piece at one end, at which place a "T," one inch by one and a quarter inches, the one-inch opening of the "T" to go on the upright, leaving the one and a quarter inch opening for the cross bar, which should be of one-inch pipe, so as to slip easily through the "T." At each side of the tables at the ends, the uprights should be driven in the ground while being held against the facing of the bench and should be placed about two or three inches back from the walks, so as to be out of the way. If the ground is found to be too solid to drive the pipes into easily, the holes can be made with a crowbar. After the uprights are in place they can be secured by pipe straps with screws. There is very little threading of the pipes to be done in making a brace of this kind and it can be easily removed. The cross pipe can be held firmly in the "T" by



CORNER OF ROSE SHOW, LEWIS AND CLARK EXPOSITION, JUNE, 1905.

(See Portland, Ore., notes in issue of June 17, 1905.)

driving a cut nail in as a wedge. You will now require a light support or frame in the center of the house if the house is 100 feet in length. If longer, frames should be about fifty feet apart. They can be made of wood strips; $1 \times 1\frac{1}{2}$ inches will be strong enough. Tack them to the inside of the bench facing and be sure to have the cross bar the same height as the ones at each end of the table.

We are now ready to stretch the wires, using No. 18 galvanized wire for this work. If there are four rows of plants on the tables, run the two center wires first. The wires should be fastened to the frames so as to have them directly over the plants when stretched. Draw them quite taut, then fasten them to the center frame with small staples. This will keep the wires the same distance apart the whole length. Now take a stake and shove it down to the bottom of the bench and tie a piece of cord where it touches the wire at the end of the bench. This is for a measure. Then take a few stakes and place them about fifteen feet apart and by the aid of the measure you have made tie them so the

sag will be taken out of the running wires. Now the rest of the stakes can be placed in position and tied. In placing the stakes they should be put about one inch from the stem of the plant and to one side. This will cause the rows to be the same distance apart and easily tied. Use both hands in placing the stakes and place them before starting to tie. In tying the stake to the wire take two turns of cord around the wire at one side of the stake, cross over the stake, then take another turn around the wire and tie. This will prevent the stakes from slipping back and forth on the wire. For American Beauty an extra wire will be needed. Later on this can be placed above the stakes and fastened at each end of the houses overhead and at intervals it can be held up by wires dropped from the sash bars. In this manner the extra long canes can be kept from hanging over the walks. I prefer two stakes to each plant in staking American Beauty, one on each side of the plant about eight inches apart. In this way the plants will be tied less compactly, allowing a free circulation of air, thus avoiding to a certain extent a dose of black spot. The extra stake will be found to be a good investment. Plants that have been cut back hard and transferred from tables to solid beds will require staking the same as for the young stock.

As a reminder, keep the plants that have been tied down to carry over syringed frequently, using a very fine spray. Water sparingly until they show a vigorous growth, indicating strong root actions. Keep the beds clean and well stirred at the surface. Examine the soil at the bottom of the beds before watering. There are times when the surface of the soil appears to be dry and at the same time, owing to a clay subsoil, the bottom of the beds may be very wet. In this case syringing alone will furnish sufficient moisture. On the other hand, too much drainage may cause the opposite condition where the top soil is extremely heavy. It is simply a matter of judgment and great care should be exercised in watering at all times. Now is the time to prepare our plants and to build them up properly for heavy winter crops, as we have the growing season with us. Therefore, give the roses your undivided attention from now on. E.



LANDSCAPE GARDENING, LEWIS AND CLARK EXPOSITION, JUNE, 1905.

(See Portland, Ore., notes in issue of June 17, 1905.)

THE RETAIL TRADE

Fashions in Flowers.

In a paper on consumers' fancies in the Yearbook of the Department of Agriculture for 1904, we find the following on fashions in flowers:

Flowers have their fashions, and for various reasons. This is not the place for familiar stories of flower crazes, but rather to call attention to variability and peculiarity of local demands. The Easter lily had long been the favorite flower of that season in New York until 1904, when, on account of the plentifulness of these lilies and their corresponding cheapness, they came to be looked upon as too cheap for those who could buy more costly flowers, and consequently the Japanese azalea took its place.

Camellias were the choicest of all flowers in New York a quarter of a century ago, and the most expensive bouquets contained only as many of these waxy flowers as the florist charged dollars for the bouquets. These formal, artificial-looking flowers are now quite out of the trade, and gardenias, still plentifully grown in England, have only a very limited call and that from travelers from this country who have cultivated a liking for them there. A few chrysanthemums were years ago sold in autumn, but they were the hardy varieties which are grown out of doors, and no one would have dreamed that these flowers would be seen in such size and variety as now when cultivated under glass.

The violets preferred in Baltimore, Philadelphia, and Washington are the Lady Hume Campbell, with its light color, and the darker Farquhar; in New York, the Marie Louise is preferred. This is dark, like the Farquhar. Singles sell well in Philadelphia, though not in New York, Baltimore, or Washington.

A Novel Window Display.

Edward Sceery, 184 Main street, Paterson, N. J., has aroused much interest by placing in his show window a wedding altar and arranging a model decoration for either church or home wedding. In the center of the window is a white pathway, on a floor covering of green. The pathway has a post at each corner, and these posts are connected with ribbons, with large bows at each end. At the end of the pathway is a priedieu, where the principals of the wedding kneel before the clergyman. Over this priedieu is an arch composed of Easter lilies and carnations. Two wedding bells hang over the center of the pathway, composed of white carnations and tied with ribbons. The background consists of potted palms and ferns. From the priedieu to the floor rests a red carnation heart, and a bow and arrow of carnations lying in the pathway points towards the heart. A large cluster of carnations on each side of the pathway completes the handsome design.

Wedding Decorations.

The question of elaborate display at fashionable weddings is assuming some importance in the east among those who are inclined to either hold such affairs or officiate at them. This subject is also made timely by the advent of the month of roses and weddings. Some of the episcopal clergymen announce that they object to holding rehearsals of the ceremony with all the attention to detail that would characterize a stage rehearsal. Most of the clergymen who have expressed an opinion on the subject object to over-elaboration, but are rather inclined toward a certain amount of showiness. A wedding is presumed to be the one event in a lifetime, and



STANDING FUNERAL WREATH.

(Designed by Mellor & Saunders, Lowell, Mass.)

foolish indeed is the man or woman who would seriously object to all the flowers that the church or home could contain or all the ostentation that the social station of the participants would justify. Of course there is no sense in making a circus of such an affair, for solemnity should be considered above all things.—Pittsburg Post.

Rose Pays Church Rent.

A rather unique event took place at the ancient Zion Lutheran Church, at Manheim, Pa., at the annual feast of roses June 11. This ceremony dates back from 1782, when Baron Henry W. Steigel, who operated a glass factory here, donated a church site to the Zion Lutheran congregation, stipulating that every June a red rose should be paid him as a rental, and after his death, to his descendants forever. Baron Steigel received payment twice during his lifetime. For over 100 years the "rose clause" was forgotten, until, in 1891, the deed was discovered by J. H. Seiling and the custom revived. Nearly 6,000 people were present, of whom 5,000 were outside. Governor Pennypacker was the principal speaker. S. L. Kinsey, of New

York, paid the rent in behalf of the congregation, presenting the rose to Miss Martha M. Horning, of Newport, R. I., a great-great-granddaughter of Baron Steigel. Miss Anna Boyer, of Harrisburg, of the same degree of relationship, was also present.

Society Women Turn Florists.

Two prominent society women, of Glencoe, Ill.—Mrs. George S. McReynolds and Miss Nina Howard, daughter of Gen. Charles H. Howard—will raise violets for the Chicago market. "We bought most of our plants from Miss Chittenden, of Lansing, Mich., others from the East," said Mrs. McReynolds. "There is a great demand for violets, and we believe we shall find a market for all we grow." Both of these women are fond of gardening, and will do most of the work themselves.

Standing Funeral Wreath.

The illustration herewith represents a funeral wreath designed by Mellor & Saunders, of Lowell, Mass., for the funeral of E. A. Libby. The design was made up of a crescent encircling a lyre.

New York.

MARKET GENERALLY FAIR.

The stormy weather experienced during the latter half of last week was a factor toward improvement at the opening of the present week. Outside product was checked and inside product reduced to an extent which gave some appearance of life to Monday's trade. On Tuesday conditions were even more improved and there was a fair semblance of good business. Among retailers quite a demand is just now for baskets, bouquets and made-up pieces for commencement exercises and with a rather short supply of material, prices on staples are strengthened. Good roses are in demand and sell freely at maximum figures, while poorer qualities move easily at minimum values without any of the bargaining so painful to wholesalers of late. American Beauty in the fancy and special grades are not only plentiful, but the commission men find it hard to move such stock at prices commensurate with quality. The figures secured for short stemmed stock are shockingly out of ratio to those obtained for prime qualities. Carnations have shortened up considerably and mid-week prices should be satisfactory to all growers, for stock approaching the fancy and novelty grades. Lilies command good prices for the time of year, and lily of the valley cleans up well, particularly in the fancy grades. Outside flowers continue to arrive in quantity, and values are hard to establish, but the movement is nevertheless fair. Purple asters are noticed in some quarters, but nobody appears to want them with the variety of similarly colored stock now available. They will soon go very well, but growers can get very little advantage in advancing the season on commodities of this kind. Cut sprays of Rambler roses are shipped to the market in quantities, and disappear at a range of prices which conveys no idea as to their exact value. They are mostly used for window decorations. Southern gladioli continues to arrive in quantity, and when strong in color moves fairly well. Sweet peas are exceedingly abundant, and their movement at times is very sluggish. The leftover stock on Saturday was very large, and the ash barrel ultimately was the biggest consumer in the market.

NOTES.

Steamer orders have been very abundant of late, and florists more or less prominent have had a good share of the orders given. The North German Lloyd Steamship Company in cutting down the privileges of visiting friends of passengers, has placed an embargo on florists' messengers entry to the staterooms, but has deputed that all floral displays be left with a special officer whose duty it will be to see to their proper disposal.

The outing committee of the New York Florists' Club completed late on Tuesday night their preparations for the entertainment of their visitors on the outing scheduled for June 28. Charles Schenck, the treasurer of the committee, was happy in the thought that financially the success of the outing was assured.

Philip Kessler is leading a strenuous life just now in visiting the growers who are to ship to him when he opens his commission store at 42 West Twenty-eighth street. He does not expect to put his shingle out until July 5, by

which time the installation of his ice box and counters will be completed.

A. Henshaw, who has for some time been connected with the wholesale department of Young & Nugent, was married June 21 to Miss M. Brown, of Brooklyn, and left next day on a trip to Europe and a visit to his home.

Louis Schmutz, Sr., of Flatbush, visited the Manhattan section of the florists' trade June 20. He was happy in his declaration that there would be eleven Schmutz's at Wednesday's outing.

Robert Craig, of Robert Craig & Son, Philadelphia, was a visitor this week, and received congratulations on his assumption of the control of the Craig establishment.

Jeff Doremus, of Madison, N. J., has a good crop of American Beauty roses in cut and is shipping them to Joseph S. Fenrich, the Thirtieth street commission man.

August Kirschner, the Flatbush florist, is suffering with a bad case of blood poisoning due to an injury to his hand while tearing down an old building.

Alfred H. Langjahr, the Twenty-eighth street commission man, rendered service during most of last week as a juror.

Carl Jurgens, of Newport, R. I., is shipping regularly to J. I. Raynor a fine lot of Newport grown American Beauty roses.

G. T. Schuneman, of Baldwin, L. I., sailed June 20 on the Kronprinz Wilhelm for Europe.

P. J. Demas, of the Pittsburg Florists' Exchange, and wife are visiting in this city.

Chicago.

THE MARKET.

There has not been much change in market conditions during the past week, business being moderately quiet, although some quarters report a fair trade. Shipping orders have kept up fairly well in the usual trend, but city business has been quiet. Receipts have lessened somewhat and quality has been on the wane; quite a little outdoor stock has been seen, dahlias having made their first appearance. Prices remain about the same; carnations have stiffened up a bit, and good roses are some higher; peonies bring from 50 to 75 cents, and there are enough in storage to supply the demand for several weeks to come. There is a generous supply of candidum lilies, which are moving slowly. Ferns and green goods have sold well. Considering the season of the year conditions are as good as could be expected, and dealers generally report a more satisfactory business for June than for the corresponding time last year.

NOTES.

In Lincoln park there are many attractive features in a horticultural way just now, most pronounced perhaps being several beds of white stocks and one excellent bed of Baby Rambler roses. There is a good deal to interest the trade in the herbaceous borders and in general the only thing that one might find fault with is the formality of the rustic vases in the parterre. There are many fine groups of plants in the conservatory, perhaps the most conspicuous one of orchids, and on the roof of one of the houses may be noted some fine specimens of Bougainvillea glabra just bursting into bloom.

J. P. Degnan has returned from a

two days' business visit to Grand Rapids, Mich. He says Eli Cross has made quite a hit with forcing cucumbers, having counted as many as 300 on two vines. He also has a large plantation of carnations, in standard varieties, and with good luck he expects to have some plants to sell including Enchantress, Lawson, etc. His violets in field which include Princess of Wales, Dorsett, Marie Louise and Lady Campbell are doing well. Charles Chadwick is very much encouraged with his new retail store and the outlook for the future is exceptionally good.

Kennicott Brothers say the past has been the best June week they have ever had. E. E. Pieser estimates that from June 10 to the present time there has been one and one-half times more peonies sold, for the same number of days, than ever before.

The John C. Mouinger Company has secured the contract for the H. W. Buckbee greenhouses at Rockford, Ill. This is one of the largest contracts of the season, as there are to be seven houses which will cover an area of 196x280 feet.

Word has been received from J. A. Budlong that he has reached his destination, Providence, R. I., where he will spend the summer months, having ridden the entire distance on his bicycle. Mrs. Budlong departed for the east June 26.

Beauty of Nice stocks have sold in this market for as high as \$1 a dozen, that is, cut blooms, wholesale. We do not consider this price extravagant by any means, because the flowers were exceptionally fine.

Leonard Kill, of the Peter Reinberg Company, has returned from a short business visit to Memphis, Tenn. While there he was royally entertained by Otto Schwill, Jr., proprietor of the Idlewild greenhouses.

Poehlmann Brothers report carnations holding up fairly well, in fact they have as good stock as has been seen on the market, some of their varieties looking almost as good as in the winter months.

N. J. Wietor, John Muno, Henry Muno and Adam Zender have returned from northern Wisconsin, where they caught some large fish. The biggest, of course, got away.

F. J. Olsan, of Ames, Ia., was here several days last week. He expects to add a new house to his present plant of about 5,000 feet, and was here looking after material.

The Benthey-Coatsworth Company is now cutting some good Killarney which are steadily improving in quality and are bringing good prices.

Frank Benthey, Jr., is the father of a brand new girl. Otto Benthey says Frank is a chip of the old block.

A. L. Randall and family have gone to their fruit farm in Michigan, where they will spend the summer.

August Lange and family started on their trip to Europe June 25.

Visitors: Mrs. L. Henderson, Omaha, Neb.; C. L. Meek, Mt. Vernon Floral Company, Mt. Vernon, Ia.; L. Metz and John Staier, of J. C. Murray's, Peoria, Ill.; C. E. Wonsetler, Bryan, O.; W. H. Carney, of J. B. Murdock & Company, of Pittsburg, Pa.; George Blackman, Evansville, Ind.; Theodore Wirth, Hartford, Conn.; Robert Simmen, of Simmen & Larson, Morris, Ill.

Philadelphia.**SUMMER CONDITIONS.**

Things are certainly getting down to a summer basis, the transient trade being scarcely perceptible, the orders coming mostly from the country and other out-of-town points. Years ago the telephone was looked on as a luxury and it was a long time, even after its use became so general, before all the retail dealers felt they could not get along without it. Now two and three to a store is the rule and these are often all going at once in a busy season. Roses are deteriorating rapidly, Bride and Bridesmaid now being very small. Kaiserin are now coming better, the hot weather of two weeks ago seeming to force them all out at once. The growers now say there will be no scarcity the balance of the summer. At the flower market the past week they had a splendid lot of candidum lilies. These sold fairly well at \$1 to \$1.50 per dozen. They also offer good peonies from cold storage, where they have been for three weeks. This is the first we have seen coming from storage and they looked as if freshly cut. Manager Meehan said his stock would last over for July 4 and probably longer. There are some very nice gladioli coming in, all the wholesale houses handling them. Sweet peas are arriving in large quantities and the quality as a rule is fine. Prices range from 20 to 25 cents per 100. Carnations are fast going out. Robert Craig & Son have still a good lot, their cut last Monday being over 4,000. Prosperity and Enchantress are now the principal varieties.

NOTES.

John Westcott says that *Sanchezia nobilis* will stand the sun like a croton and makes an especially fine vase plant. Its yellow veined leaves are certainly beautiful. One of his little wrinkles is to cut back half the outside stock of *Hydrangea paniculata* after the first growth has been made. This prolongs its season of bloom, as the extra growth will set buds to come in after the earlier stock has turned color.

M. Rice & Company are now keeping open house, their new factory being the Mecca of the retailers, who, while they are not buying much these days, are out to see the new place and congratulate the owners on their prosperity and enterprise.

The chief treasure of the Westcott establishment at this time and one of which the commodore is justly proud, is a little grandson who bears his name.

W. K. Harris is working up a splendid lot of the various forms of the Boston fern.

P. J. Demas, of the Pittsburg Florists' Exchange, and wife are visiting this city. K.

St. Louis.**MIDSUMMER DULLNESS.**

The market the past week has entered into the midsummer dullness now that school exercises and weddings are about over. There is nothing to cause a revival in the market to any extent. Gladioli are now coming in and bring 6 cents. A few asters, of course very small, are also in evidence. A few sweet peas are still in the market, but if the stems are short they cannot be moved at any price. Good carnations are scarce. Even home grown stock has had a tendency to go to sleep after being in the wholesale houses a few hours.

Hot weather and then cool days play havoc with the stock. A few long and medium American Beauty are coming in but they are very pale in color and open up quickly. They must be sold at once, as their keeping qualities are not very good.

NOTES.

We are glad to announce that Otto Koenig and his assistants have secured the Westminster Hall, at 3806 Olive street, for the flower show to take place under the auspices of the St. Louis Florists' Club next November. The hall is 75 x 150 feet, with two adjoining halls, which the management intends to use to advantage in conjunction with the main hall.

Last week the names of H. G. Berning, Dr. Halstead, of Belleville, Ill., and Robert Ferson were omitted as guests at the banquet given by J. C. Vaughan, of Chicago, to the growers and officers of the Florists' Club last week.

F. J. Foster has become a veritable sleuth. Two bicycles were stolen from his yard recently and Mr. Foster played detective and hunted down some of the wrongdoers. He was busy all last week at the courts.

Joe Hansen, whose greenhouses at Webster Grove were burned last spring,



A Bed of Stocks at Lincoln Park, Chicago.

has completed three new houses, built by Thompson.

The boys are now busy practicing on the bowling alleys and hope to bring to St. Louis the trophy from Washington. W. F.

Boston.**SUPPLY SHORT.**

The exceptionally rainy weather this week has shortened up the supply of all the different flowers, the peonies being particularly injured by the continuous downfall and the greater portion of the remainder of the cutting ruined. Carnations, particularly the red varieties, have shown a marked increase in price, amounting to a rise from \$2 to \$4 per 100. Roses have also doubled in price during the week, the cut being rendered exceedingly short. Sweet peas have more than doubled, raising from 30 to 75 cents per 100. The class day festivities at Harvard College have greatly increased the demand for carnations and roses, particularly red, which are sold out by the retailers as fast as obtainable.

NOTES.

The Newtonville Avenue Greenhouses, of Newton, Mass., have been bringing some fine cuttings into the Boston market of Bon Silene and Safrano roses.

Galvin had a very attractive display of pond lilies and asparagus ferns in his Tremont street store this week.

H. P. S.

Cincinnati.**STOCK DEPRECIATING.**

Hot weather at the beginning of the past week had a tendency to make stock look like summer, especially roses. Those coming in are very small, and about ninety per cent have mildewed foliage. However, there was a good demand, especially for white and the supply did not nearly equal the demand. Carnation blooms, considering the lateness of the season, are good and at present there is a surplus. Sweet peas are a glut on the market, especially the poorer grade and it is a hard matter to move them at any price. A few water lilies are coming in. Some good long-florum and callas are to be had but the latter are playing out and another week will see their finish. George & Allan had in a fine lot of lily of the valley which was pretty well cleaned up. Shasta daisies, especially those from Thomas Windrum's, are fine and bringing \$1 per 100. Green goods, such as smilax and asparagus, is getting scarce. Eastern ferns are now on the market.

NOTES.

Albert McCullough of the J. M. McCullough's Sons Company, is attending the meeting of the Wholesale Seedmen's League in New York. J. Charles McCullough and son, Trimble, are also present, having made the trip from this city to Buffalo in an automobile, thence by rail to New York.

Hardesty & Company had the decorations for the Ault wedding, which was the social affair of the week. White peonies, sweet peas and lily of the valley were lavishly used in the decorations at the house and church.

The social gathering of the florists, to be given by Rusoni and George & Allan, at Noorwood Inn, June 20, will be an enjoyable affair and we look forward to having quite a crowd present.

Things are progressing nicely for the florists' outing at Coney Island July 20, 1905. A. O.

Syracuse, N. Y.

A unique floral design on the grounds of Lyman C. Smith, the millionaire typewriter manufacturer, is attracting a great deal of attention. It is a representation of the "Old Oaken Bucket" and is the work of J. B. Kenney, gardener for Mr. Smith. On the same lawn is a large floral elk which was made last year and which has been greatly improved this season. Mr. Kenney is expecting a large shipment of orchids from India, some of them extremely valuable. They will be planted during the coming week.

Bard & Davis have all the work they can attend to. They have completed building and now have an extensive plant in the West End.

Henry Morris has one of the best displays of peonies ever seen in the city. Mr. Morris makes a specialty of this flower.

P. R. Quinlan & Company have been doing a large quantity of wedding work during the present month.

Wheaton & Hencle are doing a large amount of bedding work.

A. J. B.

BANGOR, ME.—The Columbia street greenhouses have been sold by Carl Beers to Frank P. Lane, who will continue the business. Mr. Beers retires and is preparing to make an extended trip to Europe.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from those in the trade.

Advertisements, on all except cover pages, 10 Cents a Line, Agate; \$1.00 per inch. Cash with Order.

No Special Position Guaranteed.

Discounts allowed only on consecutive insertions, as follows—6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent.

Space on front pages and back cover page sold only on yearly contract at \$1.00 per inch, net.

The advertising Department of the AMERICAN FLORIST is for florists, seedsmen and nurserymen and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Monday to secure insertion in the issue of the same week. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send the old address at the same time.

THIS ISSUE 40 PAGES WITH COVERS.

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Society of American Florists

The annual convention of the Society of American Florists will be held at Washington, D. C., August 15, 16, 17 and 18.

SELECT now and mark bedding plant stock for next season.

PEONIES for fall planting should be ordered at once as otherwise stocks of the best varieties may be exhausted.

PROMPT settlement of claims is the feature of the Florists' Hail Association which appeals most forcibly to the members.

THE address label on your paper will show whether your subscription has been received. The date is changed 17 to two weeks after its receipt.

THE prices of glass in greenhouse sizes this week are lower by about fifteen per cent. Get in now if you wish to buy, because the prices will be advanced next week, according to the manufacturers.

IN sending in a change of address it is important that the old address be given as well as the new. This will greatly aid us in locating your name on our mailing list and prevent delay in making the desired change.

H. PLATH, California state vice-president of the Society of American Florists, writes that there is a one-half rate excursion leaving San Francisco for the east July 24. This train will enable coast visitors to see Philadelphia and New York by convention dates, and take in the latter on their return trip.

THE Procter & Gamble Company, of Cincinnati, O., is now booming Ivory soap as an insecticide. The Procter & Gamble Company has evidently woken up after many years of prompting, and we wish to assure all our readers that any ordinary soap is just as good as Ivory soap so far as insecticidal properties are concerned.

Sweet Peas for Thanksgiving.

ED. AMERICAN FLORIST:—

I would like some information regarding the growing of Easter lilies and sweet peas indoors. I would like to have sweet peas in bloom for Thanksgiving. W. H. M.

In regard to sweet peas for Thanksgiving, I cannot say that it is practical, but for Christmas, if seed of the Blanch Ferry type is purchased and sown in August, flowers ought to be ready in time. The seed ought to be sown in benches much the same way as for outdoor growing, except that it is advisable to sow thinner. Give them plenty of water and keep them cool at first, with all the light possible and ventilation. To prolong their period of flowering, keep all the flowers cut before seeding and mulch them or feed them with liquid cow manure. D. M.

Trouble with Dandelions.

ED. AMERICAN FLORIST:

I am troubled with dandelions on my lawns. What remedy or tools would you recommend for destroying same?

WESTERN READER.

Reference is made to this matter in a bulletin of the United States Department of Agriculture, as follows: "Since digging the roots in the ordinary manner will not exterminate the spring dandelion or the fall dandelion, and since both species spread rapidly by seed, it is evident that great care must be used to exclude this pest from the lawn. As a preventive measure thick seeding is recommended when the lawn is made, for if the young grass plants do not cover all the space, weeds will be sure to grow. If for any reason the lawn has become badly infested with dandelions, renewal by seeding or by sodding is advised. If only a few dandelions are present they may be removed by careful and deep digging, a little grass seed being sprinkled over the space left by the removal of the weed. Like witch grass, or any other weed, both of the dandelions are readily controlled by frequent cultivation, so that they seldom become serious pests except in grass plats."

Meetings Next Week.

Cincinnati, O.—Cincinnati Florists' Society, Jabez Elliott Flower Market, July 8, at 8 p. m.

Detroit, Mich.—Detroit Florists' Club, Cowie Building, Farran and Gratiot avenue, July 5, at 8 p. m.

Hamilton, Ont.—Hamilton Gardener's and Florists' Club, office of member, July 4, at 8 p. m.

Indianapolis, Ind.—State Florists' Association of Indiana, Commercial Club rooms, July 4, at 8 p. m.

Louisville, Ky.—The Kentucky Society of Florists, July 4, at 8 p. m.

Milwaukee, Wis.—Milwaukee Florists' Club, Empire building, West Water and Grand avenue, July 4.

Minneapolis, Minn.—Minneapolis Florists' Club, Latham's Conservatory, 83 South Tenth street, June 7, at 8 p. m.

Montreal, Que.—Montreal Gardeners' and Florists' Club, Alexandria rooms, 2204 St. Catherine street, July 3.

Newport, R. I.—Newport Horticultural Society, July 5.

Philadelphia, Pa.—Florists' Club of Philadelphia, Horticultural hall, Broad above Spruce, July 4, at 8 p. m.

Pittsburg, Pa.—Pittsburg and Allegheny Florists' and Gardeners' Club, 422 Sixth avenue, July 4, at 8 p. m.

Seattle, Wash.—Seattle Florists' Association, Chamber of Commerce, July 4.

Washington, D. C.—Washington Florists' Club, Schmidt's hall, 516 Ninth street, N. W., July 4.

Chrysanthemum Society of America.

SCALES FOR JUDGING.

The following is the scale of points for the judging of the several classes of exhibits adopted by the society at the last annual convention at Boston. The scale for pot plants remains the same as last year, the only alterations being in the classes governing specimen blooms for commercial and exhibition purposes:

Scale A.—Scale of points for bush plants and standards, 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.

Equality of size and form of plant	40
Excellence of bloom	35
Foliage	25
100	

Scale B.—Scale of points for bush plants; exhibits of more than six or for any number of specimen plants in an exhibition where the class under consideration forms the chief feature in the exhibition hall.

Excellence of bloom	40
Equality of size and form of plants	35
Foliage	25
100	

Scale C.—Scale of points for plants grown to single stem and one bloom.

Excellence of bloom	40
Compact and sturdy growth	35
Foliage	25
100	

Scales D and E on specimen blooms for commercial and exhibition purposes, respectively:

Commercial.		Exhibition.	
Color	20	Color	10
Stem	15	Stem	10
Foliage	15	Foliage	10
Fullness	10	Fullness	15
Form	15	Form	15
Substance	15	Depth	15
Size	10	Size	25
100		100	

Fred H. Lemon, Sec'y.

Catalogues Received.

Jansen Hendricks, Heemstede-Haarlem, Holland, dutch bulbs; Frank Lilley, St. Peter-in-the-Wood, Guernsey, Eng., bulbs and chrysanthemums; Thomas Rochford & Sons, Near Broxbourne, Herts, Eng., decorative plants, etc.; M. Rice & Company, florists' supplies; Alex. Dickson & Sons, Ltd., Newtownards, Down County, Ireland, roses; Walker & Pratt Manufacturing Company, Boston, Mass., boilers; D. V. Burrell, Rocky Ford, Colo., seeds; Bobbink & Atkins, Rutherford, N. J., nursery stock; Hinode Florist Company, White-stone, L. I., N. Y., plants, nursery stock, aquatics, etc.; R. M. Kellogg, Three Rivers, Mich., strawberry plants; Peter Henderson & Company, New York, seeds, implements, etc.; Forest Nursery & Seed Company, Irving College, Tenn., nursery stock; Galesburg Envelope & Specialty Company, Galesburg, Ill., paper jardinières; Peterson Nursery, Chicago, peonies and German iris; Knud Gundestrup & Company, Chicago, mushroom spawn; Henry F. Michell Company, Philadelphia, Pa., grass and vegetable seeds, implements, etc.; J. A. McDowell, City of Mexico, Mex., cacti, orchids and bulbs; J. M. Thorburn & Company, New York, vegetable seeds; Garden City Pottery Company, San Jose, Cal., flower pots; Minnesota Spawn Company, St. Paul, Minn., mushroom spawn; Andre Leroy's Nurseries, Angers, France, nursery stock; E. H. Hunt, Chicago, florists' supplies; Star Manufacturing Company, white washing and spraying machines; A. Perry, Winchmore Hill, Eng., aquatics.

OBITUARY.

Mrs. G. A. Knight.

Mrs. G. A. Knight, wife of G. A. Knight, of the Mount Tolmie Nursery, Victoria, B. C., died June 10, aged fifty-three years. She was a native of Birmingham, Eng., and had resided in Victoria about twenty-six years. She is survived by her husband, two sons and three daughters.

Hezekiah King.

Hezekiah King died at his home, Dobbs Ferry, N. Y., June 5, aged eighty-three years. Mr. King had been in the import hardware business for sixty-seven years, during which time he represented the well known English firm of Saynor, Cooke & Ridal, makers of gardeners' knives. The business will be conducted as heretofore at 106 Chambers street, New York, under the firm name of Hezekiah King's Son.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST of the year 1905 is entitled to a five-line WANT ADV. (situations only) free to be used at any time during the year.

Situation Wanted—By a young German florist, practical and theoretical. Address FRITZ SCHL, 1655 Barry Ave., Chicago.

Situation Wanted—As gardener; German, married, one child; 19 years' experience. All references. Box 345, American Florist.

Situation Wanted—As foreman, rose, carnation and general cut flower grower; Chicago or west preferred; All references. Address Box 327, care American Florist.

Situation Wanted—Practical florist, manager of store, decorating, design work a specialty; grower of fine roses, carnations, 'mums and general stock. Address FLORIST, 47 Miami Ave., Detroit, Mich.

Situation Wanted—By English gardener, single, age 26 years; experienced in all first-class gardening. First-class references. Address GEORGE BROWN, Earncliffe, Ottawa, Canada.

Situation Wanted—As assistant on a first-class private place by a young Danish man, age 23; experienced in general greenhouse work and vegetables. Best of references. Address Box 348, care American Florist.

Situation Wanted—By an all-around gardener and florist, married; capable of taking charge of a private or reliable commercial place; good rose, carnation and 'mum grower. Address 66 P. O. Virginia Beach, Virginia.

Situation Wanted—By July 20, 1905, by an up-to-date grower of roses, carnations, 'mums and all kinds of first-class greenhouse stock; can take charge. Good wages without board. Chicago references. Box 349, care American Florist.

Situation Wanted—By married man, 15 years' experience in all branches, on up-to-date place, as propagator or carnation grower; must be near good schools; best reference, including U. S. Govt., Washington, D. C. G. M. GARLAND, Gibsonsia, Allegheny Co., Pa.

Situation Wanted—Gardener and florist, 29, single, position to take charge of gentleman's private place; 14 years' experience in fruits, flowers and vegetables under glass and outside. Best of references. Address Box 350, care American Florist.

Situation Wanted—In middle west, as working foreman, on place where roses, carnations, chrysanthemums and pot plants are grown by married man, age 32, with good references. Now employed, but wants to make a change. Address Box 357, care American Florist.

Situation Wanted—By an AI grower of roses, carnations, 'mums and general stock; 14 years' experience; can furnish best of references. Married. Also position with the same company for an educated, refined lady in the store, helping with books, floral designing, etc.; three years' experience. Box 358, care American Florist.

Help Wanted—Young man for general greenhouse work. State wages wanted and experience. Geo. Bischoff, Ann Arbor, Mich.

Help Wanted—At once, competent man for general greenhouse work. References required. Address J. A. BISSINGER, Lansing, Mich.

Help Wanted—Experienced man as section foreman, roses and carnations; married man, \$15 per week to man that can come recommended. Box 355, care American Florist.

Help Wanted—Three good growers to work under foreman; steady work and good pay to right parties. Address G. M. KELLOGG, Pleasant Hill, Mo.

Help Wanted—Good grower of ornamentals, 'mums and general line of pot plants. State reference, experience and wages expected. BENTZEN FLORAL CO., St. Louis, Mo.

Help Wanted—At once, a first-class decorator and designer. Steady place. State wages and references. Also one man to grow general stock. W. H. HUMFELD FLORAL CO., Kansas City, Mo.

Help Wanted—Single man with practical experience in bedding and blooming plants. Give references, age, and wages wanted without board, in first letter. Address FUHLERBOE BROS., Winona, Minn.

Help Wanted—Young man with some experience in greenhouse work; wages, \$20.00 to \$25.00 per month, with room and board and chance for improvement; location near Chicago. Apply care E. F. WINTERSON CO., 45 Wabash Ave., Chicago.

Wanted to Rent or Buy—A good retail place of 5,000 or 12,000 feet of glass. Send full particulars to Box 356, care American Florist.

For Sale—Ten greenhouses, dwelling house and barn, in good order, at Chicago. Address Box 353, care American Florist.

For Sale—Growing florist store in town near New York. Will sell cheaper now than in fall. Address Box 338, care American Florist.

For Sale—4-inch cast iron pipe at 60 per foot. One Kroeschell boiler, extra large size, cost over \$500 for \$150. Address HELLER BROS., New Castle, Ind.

For Sale—Greenhouses and land; everything convenient for parties who wish to run a business on a small, medium or large scale. A rare bargain. Box 354, care American Florist.

For Sale—We have a number of 4 and 6-inch hot water gate valves in good condition, which we will sell at half price. Address THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

For Sale—A nine room dwelling, three greenhouses and cold frames, in university town of 6,000. Greenhouses well stocked; good trade. A death the cause of sale. For particulars address L. G. ROLLSTON, Fayetteville, Ark.

For Sale—Greenhouses and land; a good opportunity for anyone wanting about 5,000 feet of glass; convenient, well located, city water. For full particulars address Box 842, Mariou, Iowa.

For Sale—A good florist business in a western city of 60,000 can be purchased at a great sacrifice. Well established trade and prospects for future bright. Is worth \$1,700, but will dispose of business for \$700 cash. Ill health cause of disposition of business. Box 217, care American Florist.

For Sale—From 10,000 to 12,000 feet of glass, all heated with hot water; everything in good order; four houses in roses, all planted last year and the rest in pinks and maidenhair. Two acres of land, six room house; the place fronts on the new boulevard, which when finished will be the finest in the state; time to San Francisco 45 minutes. The place is in East Oakland. For further particulars apply to J. M. HUGHES, Melrose P. O., Alameda County, Cal.

For Rent—At Frederick, Md., greenhouses 18x63, 12x102, 20x162, boiler room 18x60 equipped with a No. 8 Furman boiler, and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure, labor cheap, city water; no stock on hand. Rent \$300 per annum, half payable in advance every six months. Ill health of owner compelled retirement from successful business; principally vegetables under glass and mushrooms for Washington and New York. HENRY TRAIL, Frederick, Md.

For Sale—A greenhouse plant, consisting of 3 greenhouses, 18x100; 2 greenhouses, 10x100; 1 greenhouse, 12x90; office, 12x16. Greenhouses are partly only two years old, glazed with 16x24 glass, cypress bars. Four houses ready for planting; one house filled with Kaiserin. Situated at Tonawanda (population 20,000), ten miles from Buffalo and ten miles from Niagara Falls, the best location in the state, as it will be the center of greater Buffalo in less than ten years. Paved street from near greenhouses to Buffalo. Trains go both ways every eight minutes. All the express companies here. Price \$2,750.00. Property alone cost \$2,500.00. \$200.00 worth of pots, tools, desk, etc., go at the above price. A splendid opportunity for one or two young men to get a good start, if they have health and push, but they must have \$1,000.00 to pay down at once, and must furnish good references as regard their habits and ability. To such a party we will let him have his own time to pay balance at 6 per cent. Unless you can put down \$1,000.00, do not answer. J. PULT ESTATE, No. Tonawanda, N. Y.

I Have Facilities in Rich Land,

artesian water, near this large city, to aid a good flower grower to establish a good business. Correspondence solicited.

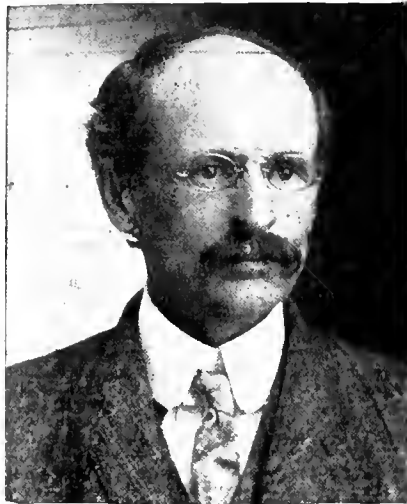
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INVESTMENT WANTED.

Hollander, whose business brings him to the States, desires to invest substantial amount not exceeding 30,000 to 40,000 guilders, in first-class horticultural business, where he can be of service in buying Dutch bulbs and other similar products in Europe. Only first-class houses need apply. Address giving particulars and appointing interview, Box 347, care American Florist.

MY 60 ACRES GARDEN FARM.

Located in the central part of Minnesota, 3 miles from a lively, growing and industrious town, is, on account of ill health and advanced years, for sale. It can be bought right off, with the whole crop on it, and if preferred, with everything belonging to it: horses, cows, wagons, carriage, tools, implements, furniture, etc. A fine opportunity for a young couple, especially for a man who is perfect in hotbed raising. No debt, no mortgages on it. For particulars write in English, German or Scandinavian language direct to the owner. C. A. SORENSON, Little Falls, Minn.



CALDWELL THE WOODSMAN.
The Man Who Gave You the Wild Smilax.

SOMETHING NEW.

Now that the season for Wild Smilax is over, and no more stock can be supplied, I wish to call your attention to the

Branches of the Huckleberry Tree

as a most elegant Decorative Green. It is largely used by the florists of the Pacific Coast, Washington and Oregon, in decorations. The branches are FLAT, very thickly furnished with exceedingly lustrous, green leaves, and it seems to adapt itself to almost any position in decoration that the Wild Smilax can be used in.

As the introducer of Southern Wild Smilax, I think you can give me credit for knowing a good thing when I see it, and I am convinced that in Huckleberry Branches you will have a very beautiful substitute for the Wild Smilax, of great value to you through the months of May and June.

I am anxious to get the verdict of the floral trade on this introduction, and offer to send you a case on suspicion, price \$2.50 per case if it suits you, nothing if it does not. Will you try a case on these terms?



THE VERDICT OF THE TRADE.

We are in receipt of your shipment of one case Huckleberry Branches, and are pleased with it. Send by express five cases at once.

WM. ROETHKE FLORAL CO.,
Saginaw, W. S., Mich.

The two cases of your new decorating green reached us in good condition, and we used them very effectively in a church decoration, which gave entire satisfaction to our customer.

THE GASSER CO., Cleveland, Ohio.

The case of Huckleberry was very satisfactory as a decorating green, and we wish to compliment you on the new discovery for decorating at this time of year.

FRED C. WEBER, St. Louis, Mo.

The Huckleberry Branches are a GO.
KENNICOTT BROS. CO., Chicago, Ill.

We think we can handle a great deal of your new green.

LEO NIESSEN CO.,
Philadelphia, Pa.

New Crop Hardy Ferns Now Ready FANCY... \$1.50 per 1000
DAGGER 1.25 per 1000

CALDWELL The Woodsman, EVERGREEN, ALABAMA.

HANNAH HOBART The Pride of California....



AVERAGE SIZE OF BLOOM.

The grand Prize Winner in competition with the latest and very best products in Carnations, East or West, for the last eight years.

Mr. John A. Balmer, of Cle Elum, Washington, wrote, after his visit to our nurseries in January, 1902, an article which appeared in the AMERICAN FLORIST of February 15, as follows:

"The Hannah Hobart is really a remarkable flower, never less than four inches, and frequently four and one-half inches across. In color it is a shade deeper than Lawson, but the petal arrangement is quite different; in this respect it most resembles the old Jubilee, but of course the color is different. I saw two large houses of it at Sievers' and the sight is one long to be remembered; hundreds of blooms and not a poor one in the lot, and everyone the exact counterpart of the other; no burated calyxes, but every flower supported on a twenty-four inch stem, and standing up like soldiers. There is certainly no carnation of its color that can equal it."

The above is a truthful statement of facts by a very competent gentleman, and if needing verification, the simple assertion that the flowers of this magnificent variety have been sold wholesale as high as \$1.50 per dozen, and none less than \$1.00 per dozen up to date, should be enough to convince anybody of its intrinsic value.

The constant inquiry by everyone who has seen the plants in flower is "When will the Hannah Hobart be for sale?" This led us at last to the conclusion to distribute the same next year, and we are ready to book orders from now on for delivery beginning January 1, 1906. Send your orders in early as they will be filled strictly in rotation

PRICE, \$3.00 per 12; \$15.00 per 100;
\$120.00 per 1000.

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Burbank.....	.60	5.00
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Flamingo.....	.60	5.00
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J. D. Eisele.....	.75	5.00
Monsieur Jarry Desloges.....	.60	5.00
Milwaukee.....	1.00	8.00
Mlle. Berat.....	.50	4.00
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Mrs. Kate Gray.....	1.10	8.00
Pres. McKinley.....	.85	7.00
Pennsylvania.....	1.00	8.00
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Only 75c per 1000.

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GALAX. Brilliant Bronze or Green, 75c per 1000.

Use our **Laurel Festooning** for your June Decorations. It gives the best satisfaction of any decorative green at this time of the year. Sample lot on application. We make it daily, gathered fresh from the woods. Hand made, full sizes, 4c, 5c and 6c per yard. Once used, always used. **Branch Laurel,** 35c per large bundle. **Princess Pine,** by the pound or made into festooning when desired.

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We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our specialties are **DAGGER**, \$1.00 and **FANCY FERNS**, All quality, \$1.00 per 1000. Discount on large orders. **BRILLIANT BRONZE** and **GREEN GALAX**, \$1.00 per 1000. Laurel Festooning, good and full, handmade 6c and 6c per yd. Green and Sphagnum Moss, \$1.00 per bbl. Sphagnum Moss, 50c per bag; 5 bags, \$2.00. Ivy Leaves, \$4.00 per 1000. Sprenger, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch or string. Leucothoe Sprays, \$1.00 per 100; \$7.50 per 1000.



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Roses, Beauty, long, per doz.	3.00
" " med.	2.00
" " short	1.00
" Liberty	3.00@ 8.00
" Chatenay	2.00@ 6.00
" Bride, Bridesmaid	4.00@ 6.00
" Meteor, Golden Gate	4.00@ 6.00
" Perle	4.00@ 6.00
Carnations	1.00@ 2.00
Smilax	15.00
Asparagus sprays	3.00
Valley	3.00
Adiantum	1.00@ 1.50
Harrisli	8.00@10.00
Peonies	4.00@ 5.00
Sweet Peas	.60

PITTSBURG, June 28.

Roses, Beauty, specials	20.00@25.00
" " extras	15.00@20.00
" " No. 1	8.00@10.00
" " ordinary	2.00@ 3.00
" Bride, Bridesmaid	1.00@ 8.00
" Meteor	6.00@ 8.00
" Libertie	6.00@15.00
" Perle, Chatenay	2.00@ 6.00
Carnations	1.00@ 2.00
Lily of the valley	3.00@ 4.00
Smilax	12.00@15.00
Asparagus, strings	25.00@50.00
Asparagus Sprengeri	20.00@30.00
Lilies	12.00@15.00
Adiantum	.75@ 1.50
Sweet Peas	.10@ .50

CINCINNATI, June 28.

Roses, Beauty, per doz.	1.00@ 4.00
" Bride, Bridesmaid	3.00@ 6.00
" Liberty	4.00@ 8.00
" Meteor, Golden Gate	4.00@ 8.00
Carnations	1.00@ 3.00
Lily of the valley	3.00@ 4.00
Asparagus	60.00
Smilax	12.50@15.00
Adiantum	1.00@ 1.50
Asparagus Plumosus and Sprengeri in bunches	.35 per bunch
Harrisli	12.50@15.00
Marguerites	.25
Sweet Peas	.25@ .35

St. Louis, June 28.

Roses, Beauty, long stem	1.50@ 2.00
" " medium stem	1.00@ 1.50
" " short stem	.35@ .75
" Bride, Bridesmaid	3.00@ 6.00
" Liberty	3.00@ 6.00
Carnations	1.50@ 2.00
Smilax	12.50@15.00
Asparagus Sprengeri	1.50@ 8.00
" Plumosus	25.00@50.00
Adiantum	1.00
Dagger ferns	1.25

CLEVELAND, June 28.

Roses, Beauty, per doz.	.50@ 3.00
" Bride, Bridesmaid	2.00@ 6.00
" Meteor	4.00@10.00
Carnations	1.00@ 2.00
Smilax	20.00
Asparagus, strings	25.00@50.00
" Sprengeri	1.00@ 2.00
Common ferns	1.50@ 2.50
Sweet peas	.25
Peonies	.50@ .75

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 EXCLUSIVELY WHOLESALE.
 REQUESTS for the trade for designs or cut flowers to be delivered at short notice in, or near Mobile or New Orleans, when made through us, will be executed with fresh stock by our retailers (Miss Maria Minge, Mobile; Mr. U. J. Virgin, New Orleans), and satisfaction guaranteed. Only high-class orders accepted.
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 Carnations, Roses, 'Mums, Violets, Etc.
 Choice American Beauties a Specialty.
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 Good Shipping Facilities to all Michigan Points.
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 Cut Roses—American Beauties and all kinds of Tea Roses at lowest prices. Trial orders solicited.
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GARNATIONS and ROSES
 Pittsburg's Largest and Oldest Wholesalers.
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Roses, Beauty, 30 to 36-in. stems	3 00@ 4.00
" " 20 to 24 "	2.00@ 2.50
" " 15 to 18 "	1.50@ 2.00
" " 12 "	.75@ 1.00
" Liberty.....	4 00@10.00
" Chatenay.....	3 00@ 6.00
" Bride, Bridesmaid.....	3 00@ 6.00
" Golden Gate.....	3 00@ 6 00
" Gen'l MacArthur.....	4.00@10.00
Carnations.....	1.00@ 3.00
Valley.....	3.00@ 4.00
Asparagus Plumosus, per string 25 to 50c	
" sprays 2.00@5 00	
" Sprengerl.....	2.00@ 5.00
Galax Leaves, Bronze, per 1000	\$1.50 .20
Adiantum.....	.75@ 1.00
Fancy ferns.... per 1000	1.25@ 2 00
Smilax.....	10 00@15.00
Peonies, per doz.....	.50@ .75
Callas.....	8.00@10 00
Sweet Peas.....	.50@ 1.00
Daisies.....	.75@ 1.50
Mignonette.....	4.00@ 8 00
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Extra Select.....	\$ 4.00
30-inoh stems.....	3.00
24-inoh stems.....	2.50
20-inoh stems.....	2.00
15-inoh stems.....	1.50
12-inoh stems.....	1.25
Short stems.....	\$.75 to 1.00
	Per 100
LIBERTY.....	\$5.00 to 10.00
CHATENAY.....	5.00 to 8.00
MAIDS AND BRIDES.....	4.00 to 6.00
UNCLE JOHN.....	4.00 to 8.00
CARNATIONS.....	1.50 to 2.00

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over \$5.00.

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 All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.
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Exceptionally strong, healthy plants of
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 Both grafted and own roots, 2 1/4-in. and 4-in. pots.
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 Special attention given to Shipping Orders.
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Roses, Beauty, best	12.00@20.00
" " medium	6.00@ 8.00
" " culls	1.00@ 2.00
" " Bride, Bridesmaid	2.00@ 4.00
" " Extra	6.00@ 8.00
" " Liberty	1.00@ 8.00
Carnations	.75@ 1.50
" " Fancy	1.00@ 2.00
Lily of the valley	1.00@ 1.50
Smilax	12.00@16.00
Adiantum	1.00
Asparagus	35.00@50.00

PHILADELPHIA, June 27.

Roses, Tea	3.00@ 4.00
" " extra	6.00@ 8.00
" " Liberty	4.00@15.00
" " Queen of Edgely, extra	15.00@25.00
" " firsts	10.00@12.00
" " Beauty, extra	15.00@25.00
" " firsts	10.00@12.00
Carnations	1.50@ 3.00
Lily of the valley	3.00@ 4.00
Asparagus	25.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Gardenias	.12@ .15
Mignonette	2.00@ 3.00
Easter Lilies	6.00@ 8.00
Sweet Peas	.50@ .75
Peonies	4.00@ 8.00

BUFFALO, June 27.

Roses, Beauty	4.00@25.00
" " Bride, Bridesmaid, Meteor	2.00@ 8.00
Carnations	1.00@ 3.00
Lily of the valley	3.00@ 4.00
Asparagus, strings	40.00@50.00
Smilax	12.00@15.00
Adiantum	.75@ 1.50
Lilium Longiflorum	10.00@12.00
Sweet peas	.25@ .50
Peonies	2.00@ 4.00

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 Wild Smilax | Flowers Billed at Market Prices.
 Shippers of choice Cut Flowers and Greens of all kinds. Try us.

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Carnations,
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Sweet Peas.
 Store closes at 6:00 p. m. until September 16th.
 Saturdays at 1:00 p. m.

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106 West 28th Street, **NEW YORK.**
Roses, Orchids, Carnations, and Every Variety of **CUT FLOWERS.**
ADIANTUM CROWEANUM REGULARLY.
 Tel. 167 Madison Square. Open every day at 8 a. m.
 Telephone No. 756 Madison Square.



MOORE, HENTZ & NASH
 Wholesale Commission Florists,
 55 and 57 West 26th St., **NEW YORK CITY.**
 Advice of sale note daily. Statement and check weekly. All consignments large or small receive the same attention. **CORRESPONDENCE INVITED.**

WHOLESALE WILLIAM GHORMLEY, COMMISSION
Daily Receiver and Shipper of Fresh Cut Flowers.
Orchids, Roses, Carnations, Valley, Lilies, etc.
 Telephones 2200 and 2201 Madison Square. **57 West 28th Street, NEW YORK CITY.**

FORD BROS.
 Receivers and Shippers of
Fresh Flowers
 48 West 28th St. **NEW YORK.**
 Telephone 3870-3871 Madison Sq.

The Only House Handling the **Victory**
NEW RED CARNATION
 To be Disseminated 1906. Also a Complete Line of **Choicest Flowers.**
ALEX. J. GUTTMAN, WHOLESALE FLORIST,
 52 West 29th Street, **NEW YORK.**
 Telephones: 1664-1665 Madison Square.
Please mention the American Florist when writing.

N. Y. CUT FLOWER EXCHANGE
 Coogan Bldg., 6th Ave. & W. 26th St., New York.
 Open for Cut Flower Sales at 6 o'clock Every Morning.
DESIRABLE WALL SPACE TO RENT FOR ADVERTISING.
JOHN DONALDSON, Secretary.

CARNATIONS My Specialty.
CONSIGNMENTS SOLICITED.
 Prompt Payments. Established 1891.
Alfred H. Langjahr, 55 W. 28th St. New York.
 Telephone 8924 Madison Sq.

American Florist
 Always do business Week days and every day Sundays and holidays All over the country At home and abroad.

Choice Carnations. Selected Roses.
Traendly & Schenck
 NEW YORK CITY,
 44 W. 28th Street, Cut Flower Exchange
 New Telephone No. 798 & 799 Madison Sq.
Please mention the American Florist when writing.

Wholesale Flower Markets

NEW YORK, June 28.

Roses, Beauty, best.....	10.00@25.00
" " medium.....	3.00@10.00
" " oulla.....	1.00@ 2.00
" Liberty, best.....	10.00@20.00
" " medium.....	3.00@10.00
" " oulla.....	1.00@ 2.00
" Bride, Bridesmaid, G. Gate.....	1.00@ 8.00
" Kaiserin, Carnot.....	1.50@ 8.00
Carnations.....	.25@ 1.00
" fancy and novelties.....	2.00
Lily of the valley.....	50@ 2.00
Lilies.....	2.00@ 5.00
Smilax.....	8.00@12.00
Adiantum.....	.50@ 1.25
Asparagus.....	20.00@50.00
Sweet Peas.....	.50@ 1.00

THE KERVAN COMPANY,
 WHOLESALE DEALERS,
 All Decorating Evergreens, Colex, Leucothoe, Mosses, Etc.
 20 W. 27th Street, **NEW YORK.**
 TELEPHONE 1519 MADISON SQ.
 Receivers and Shippers of Cut Flowers. Consignments Solicited.
A. L. YOUNG & CO., Wholesale Florists,
 54 West 28th Street, **NEW YORK.**
 Telephone 3559 Madison Sq.
Please mention the American Florist when writing.

Original Pioneer House—Established 1871.
JAMES HART
 117 W. 30th St., **NEW YORK.**
Wholesale and Commission
 Consignments solicited. Shipping orders promptly attended to. Phone 626 Madison.
 —FLOWERS SHIPPED BY—
John I. Raynor,
 Are the best product of the best growers for the New York Market.
ADIANTUM CROWEANUM sold here exclusively.
 49 W. 28th St., **NEW YORK.**
 Tel. 1998 Madison Square.

Walter F. Sheridan,
WHOLESALE FLORIST,
 Telephone 902 Madison Square.
 39 West 28th St., **NEW YORK.**
 20 years' experience. Tel. 4878 Madison.

JOHN SELIGMAN,
WHOLESALE FLORIST
 56 W. 26th Street, **NEW YORK.**
 OPPOSITE N. Y. CUT FLOWER CO.
 Everything in Cut Flowers. Consignments from growers solicited. Prompt returns. Best prices. Satisfaction guaranteed.

George Cotsonas & Co.
 Wholesale and Retail Dealers in all kinds of
Evergreens.
 Fancy and Dagger Ferns, Bronze and Green Galax.
 Phone 1302 Mad. Sq.
 Main Store, 45 W. 29th St., **NEW YORK.**

EDW. C. HORAN,
 55 WEST 28TH STREET,
 Telephone 421NEW YORK.
CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices.

SAN FRANCISCO.
TELEPHONE MAIN 1023.
SIEVERS & BOLAND,
Floral Artists,
33 Post Street, SAN FRANCISCO, CAL.
Please mention the American Florist when writing.

INDIANAPOLIS.
Bertermann Bros. Co.,
FLORISTS,
241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.
Fred. C. Weber,
FLORIST,
4320-4328 Olive St., ST. LOUIS, MO.
Established 1873. Bell, Lindell 878.
Please mention the American Florist when writing.

DENVER.
The Park
Floral Co.
J. A. VALENTINE, DENVER, COLO.
Pres.

MILWAUKEE.
C. C. Pollworth Co.
MILWAUKEE, WIS.
Will take proper care of your orders in
WISCONSIN.



A. Gude & Bro.
FLORISTS
1214 F St., WASHINGTON, D. C.

John Wolf
FLORIST
SAVANNAH - - GA.

Palmer's
BUFFALO, N. Y.

DETROIT.
JOHN BREITMEYER'S
SONS
Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.
Artistic Designs. *****
High Grade Cut Blooms.
We cover all Michigan points and good sections of Ohio, Indiana and Canada.
Please mention the American Florist when writing.

Wholesale Flower Markets

ST. PAUL, June 27.

Roses, Beauty, long, per doz.	4.00
" " med. " ..1.50@	2.00
" " short " .. .50@	1.00
" Liberty	3.00@ 6.00
" Chateauy	2.00@ 6.00
" Bride, Bridesmaid	2.00@ 5.00
" Gates and Ivory	3.00@ 5.00
" Perle	2.00@ 4.00
Carnations	1.50@ 2.50
Valley	3.00@ 4.00
Sweet Peas .....	.50
Harrisll	12.50
Smlax	15.00
Sprengerl	2.00
Adiantum	1.00
Peonies	2.00@ 3.00
Marguerites .....	.50@ .75

MINNEAPOLIS, June 27.

Roses, Beauty, long, per doz.	4.50
" " med. " ..	2.50
" " short " .. .50@	.75
" Liberty	3.00@ 6.00
" Chateauy	3.00@ 6.00
" Bride, Bridesmaid	3.00@ 6.00
" Meteor, Golden Gate	3.00@ 6.00
" Perle	3.00@ 6.00
Carnations	2.00@ 3.00
Smlax	15.00@ 18.00
Asparagus sprays	2.00@ 3.00
Valley	3.00@ 4.00
Adiantum	1.50
Common ferns per 1000	3.00
Callas	12.50
Poenies	2.00@ 3.00

CHICAGO.
P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.
Mail, telegraph or telephone orders filled promptly in best style.

Shaffer **FLORIST,**
14th and Eye Streets,
'PHONE, WASHINGTON, D. C.
2416 Main.



Always mention the American Florist when you order stock.

NEW YORK.
LEIKENS
7 East 33rd St., Near Waldorf-Astoria.
Telegraph orders from any part of the country for Boxes, Flowers or Designs for deliveries at residences or steamers faithfully filled.
Please mention the American Florist when writing.

GEO. H. COOKE,
FLORIST
Connecticut Avenue and L Street,
WASHINGTON, D. C.
Please mention the American Florist when writing.

ST. PAUL.
HOLM & OLSON,
ST. PAUL.
THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.
Please mention the American Florist when writing.

GALVESTON.
Mrs. Chas. Eickholt,
2319 AVENUE M,
GALVESTON, TEXAS.
Cut Flowers, Floral Designs, Decorations.
Telephone 1087. All mail, telegraph or telephone orders promptly and artistically filled.
Please mention the American Florist when writing.

OMAHA.
HESS & SWOBODA,
FLORISTS,
1415 Farnam Street, OMAHA, NEB.
'Phone 1601 and L. 1682.
Please mention the American Florist when writing.

SPRINGFIELD.
Mark Aitken
FLORIST.
378 Main St., Springfield, Mass.
Please mention the American Florist when writing.

ALEX. B. GARDEN,
441 Center Market, WASHINGTON, D. C.
Carnations, Roses, etc.
Wholesale and retail. Telegraph or 'phone.
Please mention the American Florist when writing.

MILLS THE FLORIST,
36 W. Forsyth Street,
JACKSONVILLE, FLA.
Please mention the American Florist when writing.

ATLANTA FLORAL CO
41 Peachtree Street, ATLANTA, GEORGIA

During July and August

The best stock will be the cheapest stock to buy. We can give it to you in **ROSES and CARNATIONS, LILIES, Etc.** Extra care in selecting and packing has made our summer business larger.

CANDIDUM LILIES Now on hand, put up 50 in a bunch, at \$1.00 per bunch. No cheaper flower in the market for funeral work.

OUR STORE CLOSSES AT 5 P. M., DURING JULY AND AUGUST.

A. L. Randall Company,

19 Randolph St., CHICAGO.

Araucaria Excelsa.



Decoration Day is over. Fill your empty houses with something that grows into money while you sleep.

Araucaria Excelsa just arrived per steamer Etruria May 1, 3,000; May 30, per steamer Oxonian, 2,000. Grown for me under contract by an araucaria specialist in Belgium. I must say for the benefit of my customers that they were never before so

nice and large for the money as this year. I herewith quote you special low prices on them for cash:

- 10 to 12 ins. high, 2 years old, 3 tiers..... \$.50
- 12 to 14 ins. high, 2 years old, 3 to 4 tiers..... .60
- 14 to 16 ins. high, 3 years old, 3 to 4 tiers..... .75
- 18 to 20 ins. high, 3 years old, 4 to 5 tiers..... 1.00

Araucaria Compacta Robusta, unusually large, very beautiful, \$1.25 to \$1.50; **Glauca**, 75c to \$1.00 each.

Kentia Fosteriana, 30 to 36 inches high, 4-yr. old, \$1.00; 4-year old, 25 to 30 inches, 75c. **Belmoroense**, 4-year old, 25 to 30 inches high, \$1.00 each. Above is the size entered in the Philadelphia custom house.

Don't forget that I am the **Moon Vine** grower of the land. Only **A. W. Smith's Hybrid Moon Vines**, (*Ipomea Noctiflora*) is exclusively the one I grow and is the only true Moon Vine in America, as Mr. Smith has the world wide reputation of growing the best Moon Vine seed. Please bear in mind that this is no Morning Glory like so many sell for Moon Vines, but the pure white waxy moon flowers as large as saucers. 2 1/2-inch pots, \$5.00 per 100; 3-in. pots, \$7.00 per 100; 4-in. pots, \$10 per 100. Nicely staked up.

BEDDING PLANTS. Per 100

- Heliotrope**, 4-in..... \$6.00
- Salvia**, Clara Bedman, 4-in..... 7.00
- Begonia** Vernon, red and pink, 4-in..... 7.00
- Cobaea Scandens**, 4-in..... 8.00
- Coleus**, Golden Bedder, Verschaffeltii and Queen Victoria..... 3.00
- Verbenas and Petunias**..... 3.00
- Asters**, Victoria..... 3.00
- Vinca Variegata**, **Salvia** and **Begonia** Vernon, blue **Ageratum**, California **Giant Petunias**, 3-in. pots..... 5.00
- Tuberous Rooted Begonia**, 5-inch pots, \$2.00 per dozen.

Many thanks to my customers for their liberal Easter trade. All goods must travel at the purchaser's risk. Cash with order please.

GODFREY ASCHMANN,

Importer and Wholesale Grower of Pot Plants.

1012 Ontario St., PHILADELPHIA, PA.

Please mention the American Florist when writing.

AMERICAN FLORIST ADS

Always do business Week days and every day Sundays and holidays All over the country At home and abroad

ROSES

For immediate removal we offer a limited number of good, clean, healthy plants at extremely low prices as we are in need of the space they occupy.

As a leader we offer **UNCLE JOHN** the improved Golden Gate in 3 1/2-inch pots, at \$25.00 per 1000; 2-inch, \$15.00 per 1000. This rose both in color and shape is far superior to the old Golden Gate.

	Per 100	Per 1000	Per 100	Per 1000
UNCLE JOHN , 3 1/2-inch.....	\$3.00	\$25.00	BRIDESMAID , 2-inch.....	\$2.50 \$20.00
" " 2-inch.....	2.00	15.00	AM. BEAUTY , (bench plants)	3.50 25.00

Carnations 100,000 FIELD-GROWN. Our plants being large we are prepared to book orders now for early shipment and shall have the following varieties to offer:

- LAWSON**, pink,
- BOSTON MARKET**,
- NELSON FISHER**,
- CRUSADER**,
- FLAMINGO**,
- HARRY FENN**,
- ROOSEVELT**,
- MRS. NELSON**,
- TRIUMPH**,
- MRS. INE**,
- FLORA HILL**,
- GUARDIAN ANGEL**.

We have had several out of town florists looking over our field of carnations and they not only pronounce them the furthest advanced, but also say they are the best lot of carnations they have seen this season.

We shall begin making deliveries the latter part of July at which time our stock will be in the best possible shape to ship. Prices furnished upon application, also when writing state when stock is wanted, we guaranteeing all stock to be in A1 condition.

J. A. BUDLONG, 37-39 Randolph Street, CHICAGO.

Poehlmann Bros. Company,

Commercial Growers, Morton Grove, Ill.

Roses. Per 100 2 1/2-in. 3 1/2-in. Per 1000

American Beauty.....	\$5.00	\$45.00	\$7.00
Chatenay.....	4.00	30.00	5.00
Uncle John.....	4.50	40.00	6.00
Bride.....	4.00	35.00	5.00
Perle.....	.....	.....	5.00
Sunrise.....	4.00	35.00	5.00
Bridesmaid.....	4.00	35.00	5.00
Golden Gate.....	3.50	30.00	5.00

- Rooted cuttings, per 100..... \$ 1.50
- Rooted cuttings, per 1000..... 12.50
- 2 1/2-in., per 100..... 2.50
- 2 1/2-in., per 1000..... 22.50

Orders for less than \$2.00 not accepted.

Headquarters for Finest Cut Roses, Carnations and Other Cut Flowers.

Poehlmann Bros. Co., Morton Grove, Ill.

LOOK AT THIS.

If you want Plumosus or Sprengeri, get it now. They can't be beat. Positively for one week only. 20% off for cash of our regular list, as below:

Plumosus. Per 100	Sprengeri. Per 100
2-in..... \$3.50 to \$5.00	2-in..... \$2.50 to \$3.50
3 in..... 5.00 to 8.00	3-in..... 3.30 to \$5.00
4-in..... \$15.00	4-in..... \$10.00
5-in..... 25.00	5-in..... 25.00

GEO. A. KUHL, Pekin, Ill.

Baby Rambler

The Always in Bloom Rose. 2 1/2-in., \$2.50 per doz., \$15.00 per 100, \$125.00 per 1000; 3-in., \$3.50 per doz., \$25.00 per 100; 4-in., \$6.00 per doz.

THE CONARD & JONES CO., West Grove, Pa.

...Directory

PRICE, \$2.00.

OF FLORISTS SEEDSMEN NURSERYMEN

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

W. H. Grenell, Pierrepont Manor, N. Y.,
Pres.; L. L. May, St. Paul, Minn., First
Vice-Pres.; C. E. Kendall, Cleveland, O.,
Sec'y and Treas. Twenty-fourth annual
convention at San Jose, Cal., 1906.

VISITED NEW YORK: L. L. May and wife, of Minneapolis, Minn.

TENERIFFE onion set growers report some disease in their crops.

IN England it is a criminal offense to adulterate or kill seeds with intent to defraud.

GOPHERS and ground squirrels are the most serious pests in California seed growing.

J. M. McHUTCHISON, of McHutchison & Company, sails July 6 on his annual trip to Europe.

J. C. VAUGHAN and wife, of Chicago, celebrated their twenty-eighth wedding anniversary June 28.

FROM the convention attendance of the vine seed growers, one might suppose they were very busy.

WE are receiving inquiries about Ncllis and the New York Market Gardeners' Association. Where is it?

LONG ISLAND cabbage promises fairly well at present. However, nowhere nearly as good as for the past few seasons.

MISS JOSEPHINE RICE, daughter of Jerome B. Rice, Cambridge, N. Y., is making a European tour with a number of her school friends.

F. H. HENRY, of Henry & Lee of New York, and Arnold Ringier, of W. W. Barnard and Company, sailed for Bermuda last week.

ROBERT FULTON, representing Henry & Lee, spent June 27 in Chicago en route to Japan, and will sail from Vancouver, B. C., July 3, on the steamship Empress of China.

PEA crop reports in general promise a less than average crop. Excessive dry weather in some regions and too

much rain in others are the causes of the poor outlook.

HARRISBURG, PA.—The Holmes Seed Company has been awarded the contract to supply the department of public grounds and buildings with all seeds and bulbs required for the coming season.

IN the hotel at Alexandria Bay, N. Y., two of the heavy-weight seedsmen, one from California, and the other from Nebraska, attempted to ascend in the lift together. There was nothing doing, no matter how the poor elevator boy worked, so the crowd was moved in sections.

New Seed Firm.

The Joosten Plant, Bulb & Seed Company, New York, is a new concern, incorporated under New York state laws, and having for its nucleus the business of the late C. H. Joosten with the same headquarters, 202 West street. The capital stock is \$10,000, and the purpose of the company is to deal in plants, bulbs, seed and grain; to raise, grow, buy, sell and deal in fruit and ornamental trees and shrubs; to manufacture, buy, sell and deal in agricultural implements and merchandise; articles for country homes and residences, fertilizers and other things. The officers of the concern are E. Schoepke, formerly with Bobbink & Atkins, Rutherford, N. J., president; W. A. Prosser, vice-president, and G. A. Joosten, secretary and treasurer. The latter is a nephew of the late C. H. Joosten and was for some time connected with him. The agencies of the old concern are retained, and foreign connections for the sale of bay trees, box and other evergreens are already established. Additions have been made to the premises formerly occupied by the Joosten business, which will allow of the carriage of bulb and other stock.

The Past Season's Business.

Huntington & Page, Indianapolis, Ind., report that trade during the past season has been very satisfactory.

The Livingston Seed Company, Columbus, O., writes that this has been a peculiar season. "It started off very heavy and continued so through March. This was caused by unusually mild weather for early spring. Had these conditions continued, we think our business would have exceeded even 1904, which was with us a record breaker. But April and May weather was characterized generally by cold and wet, which made conditions unfavorable for planting. Hence the average for the first five months was cut down, and the final result totals just about even with last year."

L. L. May & Co., St. Paul, Minn., say that in a general way trade has been good and in many lines ahead of last year. A definite comparison cannot be made until the end of June.

F. Barteldes & Co., Lawrence, Kan., report that as far as can be told now trade this year was fully as good as last year, and very satisfactory.

The Steele, Briggs Seed Company, Limited, of Toronto, Ont., reports that business this year has been very satisfactory with a substantial increase over previous years.

Wood, Stubbs & Company, Louisville, Ky., report that business on the whole was very satisfactory, showing an increase of twenty per cent over the year previous.

3,700 ACRES OF GARDEN SEEDS
IN CULTIVATION.

Braslan Seed Growers Co.

Wholesale Seed Growers.

SAN JOSE, CALIFORNIA.

Wholesale Seed Growers.

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1906 are being booked now. Beans, Peas and Garden Seeds. WRITE FOR PRICES.

TURNIP SEED. TIME TO BUY NOW. Get Our Prices.

LEONARD SEED CO.
Our plantings for the new crop are now completed.
We take orders now for delivery this fall or next spring.
Write for Prices.

Flower Seeds and Bulbs

CO. CHICAGO



SEEDSMEN AND THEIR FRIENDS AT ALEXANDRIA BAY, N. Y., DURING SEEDSMEN'S CONVENTION.

10 per cent Special
CASH DISCOUNT
On orders over \$2.00
for Flower Seeds if
the cash is enclosed

Vaughan's Giant-Flowered Cyclamen

NOW IS THE TIME TO SOW THIS SEED.



- Pure White (Mont Blanc).....
 - Dark Crimson.....
 - Rosa von Marienthal, "Daybreak" Pink.....
 - Dark Rose.....
 - White with Carmine Eye.....
 - White Fringed, large; very attractive.....
 - Rubin, rich blood-red.....
 - Salmon, a splendid new color, 100 seeds.....\$1.50
- Giant-Flowered Cyclamen, extra choice mixed. Per 100 seeds, 50c; 250 seeds for \$1.15; 1000 seeds, \$4.50; 5000 seeds, \$20.00. This mixture is made up from the above separate colors.

New Giant Orchid-Flowered Cyclamen.

These are exceptionally fine, with very large flowers that are fringed and fringed in wonderful fashion.

- Pure White, Red, Pink.....
 - White with Carmine Eye, and Lilac Colored.....
 - Dark Violet, Iringed. A most beautiful new color, very distinct. Per 100 seeds, \$1.50; 1000 seeds, \$12.50
 - Giant Orchid-Flowered Cyclamen in choicest mixture. 25 seeds, 25c; 100 seeds, 85c; 1000 seeds, \$8.00
- ROKOKO.** This is an entirely new strain of Cyclamen, with flat round flowers, with wavy and fringed petals. Red, Rose, White with eye. 100 seeds, \$2.50; 50 seeds, \$1.35.

VAUGHAN'S SEED STORE,

14 Barclay St., NEW YORK.

84-86 Randolph St., 206-208 W. Randolph St., CHICAGO.

Please mention the American Florist when writing.

TOOLE'S PREMIUM American Pansy Seeds

NOW READY. Sow in July and August for winter flowers or cold frame plants. The most complete list of varieties and mixtures grown by anyone in America described in our catalogue, which is sent with "How to Grow Pansies"

Free to any address. Extra choice, mixed, 10; per pkt: 1/8 oz., 50c; 1/4 oz., 75c; per oz., \$2.75. Selected, mixed, 15c per pkt.; 1/8 oz., 70c; 1/4 oz., \$1.20; per oz., \$4.00. Hesperian mixture, 25c. per pkt. Trade pkts., containing triple quantity, double price. Write to

WILLIAM TOOLE, Pansy Specialist,
Pansy Heights, Baraboo, Wisconsin.
Please mention the American Florist when writing.

Zirngiebel Giant Pansies.

Market and Fancy Strains.

New crop seed of those well known, unrivalled Pansies ready now, in trade packages, at \$1.00 each, either strain.

DENYS ZIRNGIEBEL, Needham, Mass.

ELECTROS...

For Catalogue Purposes.

WE have a large assortment of strictly high-class halftones of which we can supply electros suitable for catalogue illustration. If you need anything in this way, state your requirements and we will submit proofs of the illustrations in stock

Price for cash only 15 cents per square inch.

THE AMERICAN FLORIST CO.,
.....324 Dearborn St., CHICAGO.

Bulbs and Plants.

For florists' use, spring or fall delivery. We import to order. Let us appraise your wants.

AUGUST ROLKER & SONS, 31 Barclay St., NEW YORK, P. O. Box 752.

Please mention the American Florist when writing.

Pansy Seed New Crop.

The Jennings Strain of finest American grown Pansy Seed now ready. Saved from finest selected stock. Large flowering and fancy colors in great variety. By mail, 1 oz., \$5.00; 3 oz., \$12.00; 1 pkg., 2000 seeds, \$1.00; 1 lb. prices on application. Plants ready in September. Cash with order.

E. B. JENNINGS, Lock Box 254,
SOUTHPORT, CONN.
GROWER OF THE FINEST PANSIES.

Please mention the American Florist when writing.



FREESIA BULBS

CALIFORNIA GROWN.

MAMMOTH, 2 1/2-inch and up.

Per 100, 80c; per 1000, \$7.00.

CHOICE, 1 1/2-inch to 2 1/4-inch.

Per 100, 65c; per 1000, \$5.00.

Vaughan's Seed Store,

84-86 Randolph St., CHICAGO.

14 Barclay Street, NEW YORK.

Please mention the American Florist when writing.

H. N. Bruns

VALLEY Finest Cold Storage Pipe.

1409-1411 West Madison Street,

CHICAGO, ILL.

Please mention the American Florist when writing.

PANSIES

SWEET SCENTED LARGE SPOTTED GIANTS

A new giant-flowered race, most brilliant colors, flowers up to 2 1/2 inches in diameter, best for beds and cut flower work. 1000 seeds, 25c; 1/2 oz., 75c; 3/4 oz., \$6.00.

WIEGELT'S GIANT-FLOWERED

ELITE MIXTURE

Composed only of Giant Trimardeau, Cassier, Bugnot and Germania. 1000 seeds, 20c; 1/2 oz., 50c; 3/4 oz., \$3.75

For \$1.00 we will send 10 packets of our largest giant-flowering sorts free to the U. S. for trial. Terms: Cash with order. Catalogues free on request.

WIEGELT & CO.,

Specialty Seed Growers,
Erfurt, Germany.

A Trial Order Will Be Sufficient to Make You a Permanent Customer.

SUCCESSFUL SELLERS.....
are the Successful growers who advertise in

THE AMERICAN FLORIST.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

Emory Albertson, Bridgeport, Ind., Pres.; Orlando Harrison, Berlin, Md., Vice-Pres.; George C. Seager, Rochester, N. Y., Sec'y. Thirty-first annual convention, Dallas, Tex., 1906.

THE annual convention of the Southern Nurserymen's Association will be held in Norfolk, Va., August 16 to 17, this year.

WINFIELD, KAN.—A petition of involuntary bankruptcy has been filed against the Bates Nursery Company, with liabilities over \$10,000.

ALBERT LEA, MINN.—Clarence Wedge, the well known nurseryman, and Miss Mary B. Cutler were married June 17, and left for the Lewis and Clark exposition June 19.

JAMES FRASER, superintendent of Cedar Court, Morristown, N. J., and his brother John, of the Fraser Nursery, Huntsville, Ala., sailed for England on the Teutonic, June 28.

FRANKLIN, MASS.—A. Van Leeuwen, Jr., of the Continental Nurseries, has sold out his interest in the business to his father and brother, and for the present will retire from the business.

American Association of Nurserymen.

Our report of the thirtieth annual convention of the American Association of Nurserymen, held at West Baden, Ind., June 14-16, 1905, appeared in our issue of June 24. We have now to add the names of those who were present or represented at this convention, the list being crowded out last week:

Giles County Nursery Company, Lynnville, Tenn.; H. W. Stringfellow, Lampasas, Tex.; Allen L. Wood, Rochester, N. Y.; Albertson & Hobbs, Bridgeport, Ind.; J. Horace McFarland Company, Harrisburg, Pa.; C. L. Yates, Rochester, N. Y.; Ellwanger & Barry, Rochester, N. Y.; W. & T. Smith Company, Geneva, N. Y.; J. G. Harrison & Sons, Berlin, Md.; Andre L. Causse, 105 Hudson street, New York; Stark Brothers Nursery & Orchard Company, Louisiana, Mo.; Storrs & Harrison, Painesville, O.; D. Hill, Dundee, Ill.; Conard & Jones Company, West Grove, Pa.; McNary & Gaines, Xenia, O.; H. F. Hillemeier & Sons, Lexington, Ky.; L. R. Taylor & Sons, Topeka, Kan.; Maple Avenue Nurseries, West Chester, Pa.; Aug. Rhotert, New York; Peter Bohlander & Sons, Tadmor, O.; Wheelock & Clark, Fredonia, N. Y.; Snow Hill Nurseries, Snow Hill, Md.; Mt. Arbor Nurseries, Shenandoah, Ia.; Jackson & Perkins Company, Newark, N. Y.; W. L. Killian & Son, Newton, N. C.; McHutchison & Company, New York; Irving Jacquay Company, Buchanan, Mich.; John S. Kerr, Sherman, Tex.; Greening Brothers Nursery Company, Monroe, Mich.; N. W. Hale, Winchester, Tenn.; Robert C. Stoehr, Dayton, O.; Smith Brothers, Concord, Ga.; New Haven Nurseries, New Haven, Mo.; C. A. Bennett, Robbinsville, N. J.; Irving Rouse, Rochester, N. Y.; John Craig, Ithaca, N. Y.; Hiram T. Jones, Elizabeth, N. J.; Elizabeth Nursery Company, Elizabeth, N. J.; Nelson Bogue, Batavia, N. Y.; Bryant's Nurseries, Princeton, Ill.; The Donaldson Company, Warsaw, Ky.; Shenandoah Nurseries, Shenandoah, Ia.; J. S. Wilson and Horace Cheeseman, Vaughan's Greenhouses, Western Springs, Ill.; W. Y. C. Grant, Columbia, Tenn.; Peirson Brothers, Waterloo, N. Y.; W. E. Galear & Sons, Vienna, Ill.; John A. Young, Greensboro, N. C.; Paw Paw Valley Nursery Company, Coloma, Mich.; Seneca Wholesale Nurseries, Seneca, Kan.; F. E. Schifferli, Fredonia, N. Y.; M. J. Wragg, Des Moines, Ia.; Lincoln County Nursery Company, Flintville,

Tenn.; Thomas Maloney & Sons, Dansville, N. Y.; Harrison Nursery Company, York, Neb.; C. C. Abel & Company, New York; Marshall Brothers, Arlington, Neb.; John Siebenthaler, Dayton, O.; T. V. Munson & Son, Denison, Tex.; C. M. Redman, Troy, O.; Baker Brothers, Ft. Worth, Tex.; P. Ouwerkerk, Weehawken Heights, N. J.; B. E. Fields & Son, Fremont, Neb.; Green River Nurseries, Bowling Green, Ky.; Webster's Nursery Centralia, Ill.; James McVitty, Perry, O.; Charles Ernst's Nurseries, Moscow, O.; F. B. Thacker & Sons, Vienna, Ill.; Mrs. A. D. Freeman & Son, Phoneton, O.; Knoxville Nurseries, Knoxville, Tenn.; Albaugh Nursery & Orchard Company, Phoneton, O.; George W. Sallee Nurseries, Vulcan Station, Mo.; M. Barnes & Company, Groesbeck, O.; Griffith & Turner, Baltimore, Md.; Cooper & Moncrief, Winfield, Kan.; J. M. Vandervort & Son, Wilmington, O.; L. Green & Son Company, Perry, O.; Sherman Nursery Company, Charles City, Ia.; C. W. McNair, Dansville, N. Y.; James Truitt & Sons, Chanute, Kan.; Shawnee Nursery Company, Topeka, Kan.; Farmers' Nursery Company, Tippecanoe City, O.; Rosemont Nurseries, Painesville, O.; Mrs. L. F. Hoffman, Dayton, O.; Crow & Wolf, Fidelity, O.; George Achelis, West Chester, Pa.; Andorra Nurseries, Chestnut Hill, Pa.; Bay State Nurseries North Abington, Mass.; R. G. Nicholson, Chestertown, Md.; Central Michigan Nursery Company, Kalamazoo, Mich.; G. S. Pickett, Clyde, O.; Saddle Brothers Nurseries, Bloomington, Ill.; R. G. Chase Company, Geneva, N. Y.; Yager & Welch, Fremont, Neb.; Ralph T. Olcott, Rochester, N. Y.; J. Wragg & Sons Company, Waukeg, Ia.; E. G. Mendenhall, Kinmundy, Ill.; C. M. Hooker & Sons, Rochester, N. Y.; Henry M. Dunlap, Savoy, Ill.; Jackson County Nursery Company, Lee's Summit, Mo.; G. H. Miller & Son, Rome, Ga.; A. H. Kercheval, Elsberry, Mo.; Texas Nursery Company, Sherman, Tex.; H. J. Weber & Sons Nursery Company, Nursery, Mo.; M. Butterfield & Son, Lee's Summit, Mo.

New Orleans.

DULL SEASON OPENS.

With the passing of the month the busy season comes to an end and the florists get a chance to take a long rest until fall. Most of our prominent people have left town for the various summer resorts and soon the rest will follow. Therefore, with the exception of an occasional prominent funeral, the trade in general will be at a standstill until November. Our busy season is usually a short one on account of the extreme southern location, but owing to Easter being late, the season lasted a little longer this year. According to a general report the past season has been very satisfactory and our florists are making big preparations to fill all the demands for the coming one.

The lower city park proves to be a big attraction for our home people as well as the strangers. Superintendent Joseph Bernard and Head Gardener Frank Brocker deserve great credit in beautifying this historic playground. Among the many different groups the following deserve special mention: Collection of dieffenbachia, dracaena and caladiums, mixed group of Pandanus Veitchii, crotons and Coleus Golden Bedder, and a group of Panax Victoriae. The nursery in connection with the park is in fine condition and thousands of plants, to be used at that pleasure resort annually, are grown.

CRESCENT.

Cottage Gardens Co. Inc.

QUEENS, LONG ISLAND, N. Y.

SPECIALISTS:

PEONIES, CARNATIONS AND SPECIMEN NURSERY STOCK

Paeonias and Perennials

PAEONY MANUAL 30 cents; GOLD MINE IN FRONT YARD, \$1.00. LEARN HOW TO IMPROVE YOUR PLACE.

C. S. HARRISON,
SELECT NURSERY - YORK, NEB.

EVERGREENS

Large Assortment.

Specialties—White Pine, Hemlock and Large Evergreens. Spring List for details.

Andorra Nurseries,

Wm. Warner Harper, Prop. CHESTNUT HILL, PA.

Please mention the American Florist when writing.

BABY RAMBLER.

Everblooming Dwarf Crimson Rambler.

A gem among Roses. An everblooming, dwarf reproduction of Crimson Rambler. Always in bloom. Every florist in the land should have it. 2½-inch pot plants, now ready for delivery, \$2.50 per doz.; \$15.00 per 100; \$125.00 per 1000.

The Dingee & Conard Co., WEST GROVE PA.

Please mention the American Florist when writing.



Send to **THE MOON** Company
For } Trees, Shrubs, Vines
Your } and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO.
Morrisville, Pa.

Please mention the American Florist when writing.

A FEW GOOD THINGS YOU NEED.

Roses for forcing and outdoor planting. Rhododendrons for forcing and outdoor planting. Clematis in leading varieties. Hydrangea P. C. in all sizes. Boxwood in different sizes. Azalea Mollis very cheap. Lilac for forcing and field-grown stock. Deutzia Gravilis, strong plants at a bargain, and other good things for Nurserymen and Florists; very reasonable prices. Wholesale catalogue mailed free upon application.

W. VAN KLEEF & SONS, Boskoop, Holland,
Wholesale Growers of Nursery Stock.

Please mention the American Florist when writing.

PEONIES

200 choicest Varieties. Large Stock.

LILIES, Hardy Sorts, about 40,000 bulbs. GLADIOLI, in fine named and unnamed sorts. DARLIAS, Richardtas, Madetra Vines. SUGAR MAPLES, 6 inches to 10 feet 100 000. CATALPA speciosa seedlings. BLACK LOCUST seedlings. List in season.

E. Y. TEAS, Centerville, Ind.

PEONIES.

Wholesale and retail catalogues ready for distribution. Sent free on application. All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.

PETERSON NURSERY,
503 W. Peterson Ave., CHICAGO.

SURPLUS ROSE PLANTS

BRIDES, BRIDESMAIDS and METEORS, 2½-inch \$22.50 Per 1000. 3-inch \$30.00 per 100.

Cuttings were made from carefully selected wood. Well worth the price. Call and see them.

L. B. CODDINGTON, Murray Hill, N. J.

Please mention the American Florist when writing.

The Storrs & Harrison Co.

PAINESVILLE NURSERIES.
CATALOGUES AND PRICE LISTS
FREE ON APPLICATION.

PAINESVILLE, OHIO.

Please mention the American Florist when writing.

First-Class ROSES For Sale.

Brides,	Chatenay,	Golden Gate.
Bridesmaid,	Hoste,	Ivory.
Perle,	Sunset,	3 1/2-in. pots,
Meteor,	Sunrise,	\$6.00 per 100.

P. R. QUINLAN & CO., Syracuse, N. Y.

Please mention the American Florist when writing.

CHOICE ROSE STOCK

From 2 1/4 and 3 1/4-inch pots.

Killarneys, Brides, Bridesmaids.

Write for prices.

JOHN YOUNG 51 West 28th St. NEW YORK CITY.

Telephone, 4463 Madison.

YOU CAN PLANT AT ANY TIME.

Hardy Roses from 4 and 5-in. pots, fine, strong, plants—Crimson and Yellow Rambler, Gen. Jac. Coquette des Blancs, Paul Neyron, Clothilde Soupert, etc., 15c. Large flowered Clematis, finest—purple, white, lavender, pink sorts, 4 and 5-inch. 10c; 1-year, from 3-in., 9c. Clematis Panchulista, from 3 1/4-in. at 10c. Ampelopsis Veitchii, from 4-inch, 12c. Hardy Phlox, finest named, 4-inch, 10c. Golden Glow, 4-inch, 10c. Packing free for cash. W. H. Salter, Rochester, N. Y.

Please mention the American Florist when writing.

ROSES

BRIDE, BRIDESMAID IVORY and GOLDEN GATE, extra strong stock, out of 3-in. pots, \$1.00 per 100; 35.00 per 1000.

ASPARAGUS PLUMOSUS, 2 1/4-inch, \$3.00; 8-inch, \$5.00 per 100.

JOHN C. HATCHER, AMSTERDAM, N. Y.

Jacs Smits, Ltd. NAARDEN. (Holland.)
(BRANCH AT BUSKOP.)

Wholesale Growers of Hardy, Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilacs a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries.

NAARDEN-BUSSUM, near Amsterdam, is our R. R. Depot.

Mailing address during April and May:
JACS SMITS, care MALTUS & WARE,
136 Water Street, New York City.

PAEONIAS.

Five varieties in the Officinalis class including Filifolia the gem of all vermillion, two weeks earlier than any other kind in crimson, red, pink and white. In Chinensis class, a choice selection in all colors from earliest to latest, all named. Write for prices.

A choice collection of 24 Japanese Kinds, some very striking and beautiful in stripes and colors.

F. A. BALLER, Bloomington, Ill.

TREES

Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collection in this country.

Gold Medal—Paris—Pan-American—St. Louis, 102 prizes New York State Fair, 1904.

Illustrated Descriptive Catalogue FREE on Request.

ELLWANGER & BARRY

Mt. Hope Nurseries, Rochester, N. Y.
Drawer 1044 V Established 65 Years.

ROSES Chrysanthemums

BARGAIN PRICES WHILE THEY LAST.

This stock is very fine and in nice condition for planting. We need the room badly, therefore wish to dispose of same quickly. Will exchange part for 2-inch smilax. Per 1000.

17,000 Brides, 2 1/4-inch pots.....\$20 00
32,000 Maids, " " ".....20 00
5,000 Meteors, " " ".....20 00
2,000 American Beauties, 3-in. pots, very fine 70.00
2,000 Brides, 3-inch pots.....30.60

250 at 1000 Rates.

2 1/4-inch Pots. Stock Very Fine.

G. Pacific,	Ivory,	H. Parr,
Maud Dean,	P. Rose,	J. K. Shaw,
Halliday,	Mrs. J. Jones,	
Josephine,	Nagoya,	Chadwick,
Chautauqua Gold,	\$6.00 per 100.	
Dr. Urquhart,	Wm. Duckham,	\$8.00 per 100.

LAKEVIEW ROSE GARDENS, JAMESTOWN, N. Y.

60,000 GRAFTED ROSES For Forcing

EXTRA FINE HEALTHY PLANTS. FREE FROM MILDEW.

LIBERTY, 3 1/2-inch pots, per 100.....\$ 18.00

BRIDESMAIDS, GOLDEN GATES, KAISERINS,
3 1/2-inch pots, \$15.00 per 100; per 1000..... 145.00

SMILAX, 2 1/2-inch pots,
Price: \$1.50 per 100 \$12.50 per 1000.

SEND FOR PRICE LIST.

J. L. DILLON, Bloomsburg, Pa.

PAEONIAS.

We carried off the first prize for our exhibit of 100 blooms of *Festiva Maxima*, the grandest white Paeonia in existence.

We have a large stock of the true *Festiva Maxima* for September and October delivery; clumps average 3-7 eyes, at 10c per eye.

Write us for your wants in Paeonias. We carry the best cut flower sorts at reasonable prices.

VAUGHAN'S SEED STORE 84-86 Randolph St., CHICAGO.
14 Barclay St., NEW YORK.

Greenhouses and Nurseries, Western Springs, Ill.

C. R. HILLS, Grand Rapids, Mich.

La Detroit, extra fine stock, while they last, 3-in. at \$6 00 per 100.
Chatenay, Perle and Sunrise, 3-inch at \$5.00 per 100.
Smilax, nice bushy plants, fine growth, 2 1/4-inch, \$1.50 per 100; \$12.50 per 1000.

Christmas Poppers, 2 1/4-in., \$2.00 per 100; \$17.50 per 1000.
Primulas, about August 1, all varieties, 2 1/4-inch, \$2.00 per 100.
Aster Plants all sold—order earlier next year.
Stevia, nice, 2 1/4-inch, \$2.50 per 100.

If It Comes From HILL'S. It's All Right.

New Dahlias of Proved Merit.

Embracing a complete set of 12 New Century Dahlias; 25 New Coetus Dahlias; New Collette Dahlias; New Giant-Flowered Dahlias; New Fancy Dahlias; New Decorative Dahlias; New Show Dahlias; New Single Dahlias. In all, 38 of the most wonderful Single Dahlias ever produced, and 44 of the grandest Double Dahlias.

All exquisite in form, shape and coloring; free bloomers and Money Makers. Faithfully and truthfully described in our new illustrated descriptive catalogue, mailed free upon request.

L. K. PEACOCK, Inc., Atco, N. J.

ROSES We can ship promptly any of the following Roses:

Variety.	2x2 1/4-in.	2 1/4 x 3-in.
Brides.....	\$2 50	\$3 50
Bridesmaids.....	2 50	3 50
Golden Gate.....	2 50	3 50
Ivory.....	2 50	3 50
Meteors.....	3 00	4 00
Souv. de Wootton.....	3 00	4 50
Augusta Victoria Kaiserin.....	3 00	4 50
Perle des Jardins.....	3 00	4 50
Belle Seibrecht.....	3 50	4 50
La France.....	3 50	4 50
President Carnot.....	3 50	4 50
Gen. MacArthur.....	6 00	7 50
La Detroit.....	6 00	7 50
American Beauties.....	6 00	8 00

Do you want stock in any of the following:
Sweet Alyssum, Ageratum, Santolina, Salvias, Coleus; etc.? If so, write

GEO. A. KUHL, Pekin, Ill.

GOOD ROSES Strong, Clean Plants, Not Rejects or Culls.

Brides, Meteors, Golden Gates.....	2 1/4-in.	3-in.	4-in.
Bridesmaids.....	\$2.50	\$4.50	
American Beauties.....		6.00	\$10.00
Hermosa, C. Soupert.....		2.50	5.00 8.00

FERNS—ASPARAGUS.

Choice Boston Ferns, 6-in., 50c each; 7-in., 75c; 8-in., \$1.00.
Asparagus Plumosus, in fine shape to retail now at large profit, 4-in., \$15.00; 5-in., \$25.00 per 100.
Sprenger, 3-in., \$5 00; 4-in., \$8.00 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.

It is good business policy to mention
The... AMERICAN FLORIST
When you write to an advertiser

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kiff, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago

At Chicago.

The various trophies won in the past five years by the Chicago Florists' Bowling Club are on exhibition at Winter-son's and are attracting considerable attention from enthusiasts.

The eighth game of the convention tournament series was rolled at Ben-singer's alleys June 27. The scores follow:

Player.	1st.	2d.	3d.	4th.
Degnan	144	155	212	141
Hauswirth	155	144	144	213
Klunder	123	146	101	157
Pasternick	139	135	179	165
Carney (Pitts- burg)	156	124	153	139
Asmus	201	156	162	186
Winterson	156	166	187	111
Kreitling	143	136	128	135
Bergman	144	156	196	174
Balluff	123	172	162	198
Stevens	184	203	175	159
Scott	188	170	118	125
Sperry	102	107	97	156

The ninth tournament game will be rolled on Thursday evening, July 6, Tuesday, the regular bowling night, fall-
ing on July 4.

New York Florists' Club.

FIFTH ANNUAL OUTING.

The fifth annual outing of the New York Florists' Club was held June 28 at Glenwood, L. I. The party left Thirty-first street and East river at 9:45 a. m. About 280 people sat at dinner after the landing. Interest was centered chiefly in the games and ath-
letic sports that had been arranged for the occasion. The various prizes were awarded on the boat on the homeward trip. The party returned home shortly after 9 p. m. The weather was delight-
ful and the outing committee is to be congratulated for its successful efforts.

PROGRAMME OF SPORTS.

The prizes in the various events are as follows:

1. Ladies' bowling match, fifteen prizes donated by President Traendly, B. Suzuki and J. A. Shaw. Won by Mrs. A. L. Miller, Mrs. Joeek, Mrs. Tarberry, Mrs. Lentz, Miss Whitman, Mrs. Whitman, Mrs. L. Schmutz, Jr., Mrs. A. Smith, Mrs. Vocke, Mrs. Creaveling, Mrs. A. Gaynor, Mrs. Donaldson, Mrs. Rue, Miss Creaveling and Mrs. A. Schmutz.
2. Baseball game, five innings, mar-ried versus single, prize donated by Karatsonyi & Kmetz, proprietors of "Glenwood." Won by married men, score 22 to 8.
3. Press bowling contest, five frames, prizes donated by John Birnie and the Florists' Exchange. J. A. Shaw, first; J. H. Pepper, second; no third.
4. Bowling match, five frames, open to all, prizes donated by J. I. Raynor, L. Schmutz, Jr., W. H. Donahoe, Ford Brothers, W. C. Mansfield, Phil Kessler, W. H. Siebrecht, Julius Roehrs, Jr., and Joseph Fenrich. Won by J. Donaldson, A. Lentz, A. Zeller, J. Scott, A. J. Schmutz, A. L. Miller, W. H. Siebrecht, Mr. Frank, A. J. Guttman and W. C. Mansfield. Prize for spares, John Don-aldson; for strikes, undetermined on ac-
count of ties.
5. Baby prize, handsomest baby on board under two years of age, prize donated by H. A. Bunyard. Won by Rose Eberhart Smith, of Woodside, L. I.
6. Girls' race, under six years, 50-yard dash, prizes donated by Secretary Young. Agnes Kessler, first; Eloise Schmutz, sec-
ond.

7. Boys' race, under six years, 50-yard dash, prizes donated by W. J. Elliott. Walter Pepper, first; Franklin Adam, sec-
ond.

8. Girls' race, under seven years, 50-yard dash, prizes donated by Charles Schenck. Won by Ethel Adam; no sec-
ond.

9. Boys' race, under seven years, 50-yard dash, prizes donated by A. H. Langjahr. Won by Fred Pepper; no sec-
ond.

10. Girls' race, under eight years, 50-yard dash, prizes donated by J. E. Nugent, Jr. Edith Van Winkle, first; Olive Her, second.

11. Boys' race, under eight years, 50-yard dash, prizes donated by J. K. Allen. No race.

12. Girls' race, under ten years, 100-yard dash, prizes donated by L. W. Wheeler. Marion Hughes, first; Ellen Lenker, second.

13. Boys' race, under ten years, 100-yard dash, prizes donated by Charles Millang. Arthur Westen, first; Gustaf Koppel, second.

14. Girls' race, under twelve years, 100-yard dash, prizes donated by L. B. Craw. Lucy Butterfield, first; Jennie Birnie, second.

15. Boys' race, under twelve years, 100-yard dash, prizes donated by A. T. Roddington. William Her, first; Thomas Adam, second.

16. Girls' race, under sixteen years, 100-yard dash, prizes donated by Moore, Hentz & Nash. Annie Birnie, first; Nellie Erhard, second.

17. Boys' race, under sixteen years, 100-yard dash, prizes donated by E. C. Horan. Herbert Adam, first; Warren Burns, second.

18. Throwing 50-pound weight, open to all, prize donated by J. B. Nugent, Jr. Won by H. Lorenz.

19. Young ladies' race, sixteen to twenty years, 100-yard dash, prizes donated by John Scott. Agnes Birnie, first; L. Nugent, second.

20. Married ladies' race, 50-yard dash, prizes donated by Alexander McConnell. Mrs. Miller, first; Mrs. Adam, second.

21. Sack race, open to all, prize donat-
ed by J. G. Esler. F. Smith, first; R. Moore, second.

22. One hundred-yard race, for mem-
bers New York Florists' Club only, prize donated by E. W. Holt. Won by Alex. Guttman.

23. Quarter-mile race, open to all, prizes donated by Lager & Hurrell. H. Lorenz, first; Arthur Hefflich, second.

24. Fat men's race, open to any one weighing over 200 pounds, prize donat-
ed by Phil Kessler. Won by F. Traendly.

25. One hundred-yard race, open to married men over fifty years of age, prize donated by Julius Roehrs, Jr. Won by S. Burns.

26. Potato race, for ladies only, prizes donated by L. J. Kreshover and A. L. Miller. Mrs. F. Smith, first; May Birnie, second.

27. Lottery race, open to all, prize do-
nated by John P. Cleary. Won by H. Dreyer.

28. Young ladies' race, special, any age over twenty, 100 yards, prizes donat-
ed by Patrick O'Mara. Miss Manda, first; Miss Gaynor, second.

29. Three-legged race, 100 yards, prizes donated by J. W. Reimels and W. B. Du Rie. Won by Marion Her, Miss Manda, Lillian Curry and Mrs. Her.

30. Walking match, special, for girls under ten years, 200 yards, prizes donat-
ed by Charles Lenker. Ellen Lenker, first; Marion Hughes, second.

31. Ribbon, special race, 100 yards, for ladies married or single, over sixteen years, prize donated by Schloss Brothers. Won by Miss Birnie.

32. Long Island special, 50-yard race running backwards, for growers of car-
nations only, prize donated by C. W. Ward. Won by A. Demeusy.

33. Consolation prizes, for competitors in any of the contests who were not suc-
cessful, prizes donated by Charles Weath-
ered and the F. R. Pierson Company. For girls under eight, Josephine Traendly and Ethel Donaldson; boys under eight, Willie Manda and Willie Hughes; girls under eleven, Cora Lenker and Gwendolin Hoerschmen; girls under twelve, Anna Koch and Charlotte Traendly; boys under twelve, Edward Manda, Roy Pepper, William Callaghan and Charles Trumppore.

Fat men's extra, prize donated by J. F. Fenrich. Won by F. Smith.

KENDALLVILLE, IND.—The Johnson Floral Company is a new firm starting in business here at 324 Silver street.

Toronto.

MARKET DULL.

Local business has a pronounced look conducive to lassitude to the retailers and the most interesting topic at present seems to be vacations, many of the clerks having already left the city. There are still a number of weddings taking place, which with occasional funeral work keeps trade fairly steady. With the growers, stock is plentiful. Some very warm days had a deteriorat-
ing effect on Bridesmaid and Bride and some mildew made its appearance on these, but other roses, such as Ameri-
can Beauty, Mme. Chateney, MacArthur and Victoria, are fine, the quality being as good as in the early season. The quality of carnations still holds, but since peonies are becoming more plen-
tiful the demand has slackened consid-
erably. Sweet peas and other smaller flowers are all plentiful. The plant season has been a good one and decid-
edly better than for some seasons past. At present good plants of all kinds are scarce and many orders are refused. The past winter was not as severe on herbaceous stock as was expected from the rigid weather and at present deutzia, spirea and syringas are a mass of bloom. Peonies are becoming more plentiful, considerable acreage having been added to these and large receipts of good blooms are expected. Outdoor carna-
tions have nearly all been planted, many having already made as much growth as in the whole of last season and a few belated growers are hurrying to get their chrysanthemums benched. Build-
ing and remodeling is well under way.

NOTES.

One of the most elaborate wedding decorations was one executed by the College flower shop. White lilac was the principal flower used in the decoration, and it certainly was a very artistic arrangement.

At J. H. Dunlop's the new span for American Beauty is nearing completion. This work is being executed by the regular employes and under Mr. Dun-
lop's supervision.

Dunlop's, at King street, have been making a specialty of bougainvillea. This arranged into bouquets and tied with orchid ribbon was a great favorite in the early month.

Thurston H. U. Smith, of Denver, Colo., is a visitor who highly commends the stock here at present and is taking the opportunity of looking through the houses.

William McKay is growing some fine specimens of Lilium auratum, one plant now in flower having twenty-eight blooms.

George Hollis has a good seedling carnation similar in color to Enchant-
ress, of strong erect stem and fragrance.

Grobba & Wandrey are bringing in some good plants of Clivia miniata.

Visitors: W. H. Knight, of Julius Roehrs Company, Rutherford, N. J.; T. H. Webb, Brampton.

H. G. D.

HARTFORD, CONN.—The exhibit sent to the World's Fair at St. Louis by the Connecticut Horticultural Society, has been presented to the Natural History Museum at Trinity College. Practically the whole flora of Connecticut is covered by the collection, which embraces over 2,000 specimens, identified by both com-
mon and scientific names.

Orange, N. J.

The annual rose show of the New Jersey Floricultural Society took place on Wednesday, June 14, in the society's rooms. The staging provided was entirely filled with roses interspersed with herbaceous blooms, which lent a pleasing variety to the array, tastefully arranged under the direction of President D. Kindsgrab. Two classes were provided: Class No. 1, best twenty-four roses in six varieties; class No. 2, best twelve roses in three varieties. The first prize in each instance was won by D. Kindsgrab, gardener to William Runkle, and the second by Peter Duff, gardener to John Crosby Brown. Among those exhibiting "not for competition" who were awarded certificates were: Treadwell Cleveland, Roland Ruddoch, gardener; O. D. Munn, John Hayes, gardener; A. C. Van Gaasbeck, William Bennett, gardener; Sidney and Austin Colgate, William Read, gardener, and Stewart Hartshorne, Arthur T. Caparn, gardener. The judges were Malcolm MacRorie, Arthur T. Caparn and John Rolley, superintendent of Prospect park, Brooklyn. J. B. D.

Madison, N. J.

The Morris County Gardeners' and Florists' Society held its June meeting in its rooms in Madison, N. J., June 14. It was well attended. The monthly exhibit of flowers, fruits and vegetables was of a high order. A Herrington showed three vases of roses, two of sweet william, two of sweet peas and a magnificent collection of digitalis, securing a certificate of merit. J. Heeremans, gardener to A. R. Whitney, showed a fine dish of peas and a dish of strawberries of the sharpless type, but being more rounded and thoroughly colored, a culture certificate was worthily awarded. Robert McMullen, gardener to Mrs. G. F. Stone, staged a grand collection of hybrid roses and a vase of each of the Crimson, White and Yellow Ramblers. A culture certificate was the award.

President Heeremans read a paper on the "Culture of the Herbaceous Calceolaria." It was well received. A hearty vote of thanks was accorded to the author. Three new members were elected. The new schedule for the fall flower show was shown. Nearly \$500 is put up in prizes. There will be no meetings in July and August. E. B.

ASTERS Field Grown

Sample's bracing, white, pink, purple, lavender, 40c., per 100, mailed; \$2.50 per 1000, express. Other varieties ready soon.

Bady Primrose seedlings, nice 75c per 100 mailed. CABBAGE, Late Flat Dutch and Surehead. Field grown nice stock. 85c., per 1000. A few Express, Wakefield and Allhead left yet to close out, 50c. per 1000. Cash.

BYER FLORAL CO., Shippensburg, Pa.

To Our Customers in the Western Passenger Association:

We can secure you a rate of one and one-third fare for the round trip to Chicago for the following dates: July 15, August 5, August 19, September 2, October 28. These tickets are good returning for about seventeen days. Those salable August 5th to 12th should be useful for florists coming to Chicago on their way to the Washington Convention from points in Western Passenger Association territory which includes states of Illinois, Iowa, Wisconsin, Nebraska, Minnesota, North Dakota and Kansas.

VAUGHAN'S SEED STORE, Chicago.

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CARNATIONS
SPEAK QUICK.

2,000 fine strong Carnation Plants from flats hardened off outside ready to plant Queen Louise, \$20.00 per 1000; Jcost, \$15.00 per 1000; Prosperity, \$2.00 per 100; 100 and over at 1000 rates. Send for Lists. Cash or C. O. D.

BENJAMIN CONNELL, West Grove, Pa.

CYCLAMEN

Splendens Giganteum Hybrids.

Finest strain in the world, in five true colors, extra well grown plants, from 2 1/2-inch pots, \$5.00 per 100, \$45.00 per 1000. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.

National Florists' Board of Trade,

Office: 66 Pine Street, New York.

Credit Reference Book. A subscription to our Credit List will cost you \$10 a year, and it may save you \$100 the first month. Special Reports. We make a specialty of this part of our work. Collections. We collect slow and doubtful accounts. Why not go through your books at once and send us all the claims that are in arrears?

"THE CARDINAL,"
\$12.00

Crossader, \$6.00; Patten, \$8.00; Red Lawson, \$12.00; Flora Hill, \$5.00; White Lawson, \$8.00; "Fiancee," \$12.00 per 100.

CHICAGO CARNATION CO., Joliet, Ill.

Chrysanthemums.

1,500 BONVAFFON, 2 1/2-inch pots, \$25.00 per 1000.

500 EATON, 2 1/2-inch pots, \$25.00 per 1000.

Cash with order.

AUG. ERICKSON, North Clark St., Chicago.

SCOTTII

The Most Graceful Nephrolepis Known

Retailers who have handled this fern are unanimous in proclaiming it the best Fern ever introduced.

Consult any grower who has bought Scottii and he will tell you that it is as far ahead of the Boston as that variety is ahead of all other introductions.

See my adv. on second cover page in American Florist of Feb. 25th.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

BRANCH:

E. 45th St. and Rutland Road, Flatbush.

TELEPHONE, 1207 WILLIAMSBURG.

Smilax

Per 100

Five plants, 2 1/2-inch pots, \$1.25

Aspidistra Var., 7-in. pots, \$1.00 each

Pansy Seed, July, \$4.00 per oz.

CASH or C. O. D.

JOS. H. CUNNINGHAM, Delaware, Ohio.

The Beautiful Pink Carnation

CANDACE

\$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Dissemination 1906. Early commercial.

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PRIMROSES Chinensis, finest mixed, 2-in., \$2.00 per 100.

Rooted Cuttings, prepaid. Routed 2-in. Cuttings, plants Per 100 Per 1000

Smilax, \$1.25
Ageratum, Pauline, Gurney, \$0.50 1.50
Fuchsia, 5 kinds; Paris Daisy, white, .75 1.50
Alternanthera, red, .50 1.50
Coleus, 12 best bedders, 1c.00, \$1.00 .60 1.50
Roses, Ivory, Golden Gate, 2.00
Smilax Seedlings, 30c per 100.

Cash. Direct all orders plainly to

BYER BROS., Chambersburg, Pa.

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LUDVIG MOSBAEK,
ONARGA, ILL.

2 1/2-in. 20,000 Alternantheras, red and yellow, Per 100 R. C. \$3.00 per 1000. \$1.50

50,000 Asparagus, Plumosus and Sprengeri 3-inch, \$5.00. 2.50

8,000 Coleus, standard varieties, 1.50

30,000 Smilax, 2 1/2-in., \$15.00 per 1000. 2.00

5,000 Umbrella Plants, 4-in., \$6.00 per 100. 2.50

10,000 Vinca, 2 1/2-in. very strong \$2.50. 1.50

5,000,000 Celery Plants, \$1.00 per 1000; trans. planted, \$2.00 per 1000.

All other Bedding and Vegetable Plants. Price List Mailed Free.

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FERNS, PLUMOSUS and SPRENGERI

All No. 1 Stock. Nothing Better for the Money.

BOSTON.
Per 100 5-in. \$25.00 per 100
2 1/2-in. \$ 4.00 6-in. 47.00 per 100
3-in. 8.00 8-in. \$1.00 to \$1.50 each
4-in. 15.00 10-in. 1.50 to 2.50 each

PIERSONI.
Per 100 4-in. \$20.00 per 100
2 1/2-in. \$ 5.00 5-in. 35.00 per 100
3-in. 12.50 6-in. 75c to \$1.00 each
Specimen Plants \$1.50, \$2.50, \$3.50 and \$5.00

PLUMOSUS. Per 100
2-in. \$3.50 to \$5.00 4-in. \$15.00
3-in. 5.00 to \$8.00 5-in. 25.00

SPRENGERI. Per 100
2-in. \$2.50 to \$3.50 4-in. \$10.00
3-in. 3.00 to \$5.00 5-in. 25.00

GEO. A. KUHL, Pekin, Ill.
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Asparagus

Per 100

Plumosus Nanus, 2 1/2-in. pots, \$2.00

Primrosus, Chinese, Obconica and Forbesii

July 10, 2.00

Begonia Gloire de Lorraine

2-inch pots, \$15.00 per 100. 3-inch pots, very strong, plants, cut back twice, \$25.00 per 100.

BEGONIA TURNFORD Hall (new), 2-inch pots \$25.00 per 100.

Now Ready for Delivery. All these plants propagated from leaf cuttings.

J. A. PETERSON, Westwood, CINCINNATI, O.

Please Mention The American Florist When Writing.

Denver.

The market is a little quiet at present and stock very plentiful. There is an abundance of peonies in the market at the present time, the best stock bringing \$1 per dozen, good medium stock 50 cents and 75 cents per dozen, but any quantity of peonies can be bought at \$3 per 100. Outdoor sweet peas are just commencing to come in.

F. H. Hall has his Liberty and American Beauty roses in good shape for next season, one house of the former containing 1,000 plants being in prime condition now. Carnations at this place are benched indoors and look very fine. Mr. Hall does not plant his carnations outdoors, but grows them inside all through the season and finds this course more profitable in the end, as the plants bloom much earlier. Mr. Hall, with his family, left June 15 for Toronto, Ont., to be gone three months.

The Colfax Avenue Floral Company is building one house, 50x125 feet, and the Park Floral Company will add two houses about the same size to their plant this season. PLATTE.

Montreal.

Bedding out time is practically at an end now and very little stock is left over. Alternantheras, both red and yellow, ran short early in June and customers were glad to take anything else in place of it. S. A. Nutt is the most popular bedding geranium and was eagerly sought after. Tuberos begonias and pansies sold out quickly. Prices held practically the same as last year, but firmer and with slight advance on some varieties and never before were so many annuals sold. The most extensive bedding this year around Montreal is to be seen at the estate of Alfred Joyce, Esq., Outremont, Charles Craig, head gardener. A visit to his place, which is always open to the public, is time well spent. Rose growers are busily engaged replanting and trimming. About half of the old plants will be carried over for another year. Bride and Bridesmaid are, with American Beauty, the most extensively grown varieties yet, although some of the newer ones are given a test, but not to any large extent. The early varieties of chrysanthemums on most places are already planted, and mid-season and late ones will be in a week or two later.

The permanent badge of the Montreal Gardeners' and Florists' Club, which was distributed at the last meeting, makes a neat appearance and every member will be proud to wear one.

A. Pineteau, of the city gardens, was well prepared this year to decorate the numerous parks and squares.

J. Pidduck, of Mount Royal park, has just finished planting out some 33,000 plants.

John Eddy & Son are practically repairing and rebuilding their entire plant.

Joseph Bennett is building a new rose house. LUCK.

Kaiserin Roses

Strong, healthy stock, 4-inch. 8c.; 3-inch, 3½c. Brides and Maids, old stock, 3c each. Write for prices on large lots.

MRS. A. M. SCHAFER,
229 Balmoral Av., CHICAGO.

Palms and Asparagus CHEAP.

	Per 100
Latania Bor., 2-in. pot, seed leaves..	\$ 3.00
" " 3-in. pot, 15-18 in., 3 chr. lvs. . .	12.00
" " 5-in. pot, 18-20 in., 3-4 chr. lvs. .	15.00
" " 5-in. pot, 20-24 in., 4 chr. lvs. . .	20.00
Kentia Bel., 2¼-in. pot, 6- 8 in., 2-3 leaves..	10.00
" " 3 -in. pot, 8-10 in., 3-4 leaves..	12.60
Asparagus Plumosus Nanus, 2-inch.....	2.50
" " " 3-inch.....	5.00

SHERMAN NURSERY CO., CHARLES CITY, IA.

Please mention the American Florist when writing.

Red Sport.

The great Christmas "Hollyberry" red Carnation. Most profitable red ever introduced, and an easy doer; everybody can successfully grow it.

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

Please mention the American Florist when writing.

Marie Louise Violets

Strong plants, February and March struck, healthy and free from disease. Cash with order. Your money cheerfully refunded if not satisfactory. \$15.00 per 1000.

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S. S. SKIDELSKY,

824 No. 24th Street, PHILADELPHIA.

Correspondence Solicited.

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ROBERT CRAIG & SON,
ROSES, PALMS,
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

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Gloire de Lorraine.

2-inch pots, fine stock, \$12.00 per 100.
TURNFORD HALL, 2-inch pots, \$15.00 per 100.

JULIUS ROEHRS CO., Rutherford, N. J.

BOSTON FERNS

PALMS, DRACAENAS, CERANIUMS, COLEUS, and general bedding stock in large quantities. Write for prices. Cash or satisfactory references.

L. H. Foster Estate, 45 King St., DORCHESTER, MASS.

Asparagus Seedlings

From flats. Well grown and thrifty.
Plumosus Nanus..... \$10.00 per 1000
Sprengeri..... 8.00 per 1000
Large 3-inch Plumosus Nanus..... 25.00 per 1000
Cash with order, prepaid. Get our prices on large lots.

Yalaha Conservatories, YALAHA, Lake Co., Fla.

WANTED

50 Caroline Testout roses; 50 Kaiserin Augusta Victoria, 2-year old plants. Fine plants only desired. Write full particulars to

MRS. H. BURDEN, Cazanovia, N. Y.

Rooted Cuttings of

Mme. Bergman, Willowbrook,
October Sunshine, Pink Ivory,
Opah, Major Bonnaffon,
These at \$10.00 per 1000.

From 2-inch Pots:

2000 Major Bonnaffon, 2000 Mme. Bergman,
3000 October Sunshine, 3000 Willowbrook,
3000 Opah, 2000 Pink Ivory.
These at \$2.00 per 100; \$15.00 per 1000.

ELI CROSS, Grand Rapids, Mich.
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CHRYSANTHEMUMS

Planting Time At Hand.

BEST STANDARD VARIETIES IN STOCK.

Send List for Best Quotations.

NATHAN SMITH & SON,
Adrian, Mich.

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Chrysanthemums.

New and Standard Varieties.

Fine plants, now ready. 2½-inch pots.

Write for List and Prices.

H. WEBER & SONS,
OAKLAND, MD.

3,000 Boston Market 3,000

FROM 2½-inch POTS.

We have the above carnation, well established and if planted where they can be watered occasionally, will make good plants by planting time. \$2.50 per 100.

CERANIUMS—Beaute Pottevine, Mrs. E. G. Hill, J. Vlaud, from the bench; all growing wood, fine for fall cuttings, \$6.00 per 100. Cash.

The W. T. BUCKLEY CO.,
SPRINGFIELD, ILL.

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5,000 FINE, STRONG, 2½-inch 'MUMS

ready for planting: Alice Byron, Mrs. Coombes, Wm. Duckham, \$3.00 per 100. Ben Wells, Mrs. Thirkell, Dr. Enguehard, \$5.00 per 100. 500 in varieties at special rate. Write for varieties and prices. Cash with order.

GUNNAR TEILMANN, Marion, Ind.

CHRYSANTHEMUMS.

Charles H. Totty,

MADISON, N. J.

Wm. P. Craig Importer and Exporter.....
Plants, Bulbs and Seeds.
1305 Filbert Street PHILADELPHIA.

Hudson River Grown Violets.

Marie Louise, 2¼-in. pots, strong, healthy stock, \$3.00 per 100; \$25.00 per 1000.

SCHAEFER'S (Inc.), Newburgh-on-Hudson, N. Y.

ROSES 2 1-2-in. Pot Plants.

	Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000
Rosalind Orr English.....	\$25.00	\$200.00	American Beauty.....	\$ 5.00	\$40.00	Bride.....	\$ 3.00	\$25.00
Perle von Godesberg.....	5.00	40.00	La Detroit.....	6.00	50.00	Ivory.....	3.00	25.00
Liberty.....	5.00	45.00	Bridesmaid, 3-inch.....	5.00	40.00	Perle, 3-inch.....	5.00	40.00

CHATENAY, UNCLE JOHN and KAISERIN reduced to \$3.00 per hundred; \$25.00 per thousand.

AM. BEAUTY BENCH PLANTS, per 100.....\$5.00; per 1000.....\$40.00

All plants and rooted cuttings sold under the express condition that if not satisfactory they are to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave., CHICAGO.

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Orchids!



Arrived in superb condition *Cattleya Schroederae*, *C. Trianae*, *C. Cigara*, *C. Warnari*, *C. Dowiana*. Write for prices.

Lager & Hurrell, SUMMIT, N. J.
Orchid Growers and Importers.

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ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the World.

SANDER, St. Albans, England.

Agent, A. DIMMOCK, 31 Barclay St., NEW YORK CITY
Please mention the American Florist when writing.

HINODE FLORIST CO. .. JAPANESE NOVELTIES..

TINY PLANTS, in 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100.
RHAPIS, 5 to 15 shoots, 50 cents each.

CARE WITH ORDER.
LARGEST GROWERS OF EASTER LILIES.
WOODSIDE, N. Y. and WHITESTONE, L. I., N. Y.
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July and August Delivery. Fine Stocky Plants.
From 2 1/2-in. pots.... \$6.00 per 100; \$50.00 per 1000
From 3-in. pots..... 8.00 per 100; 75.00 per 1000
Cash or satisfactory references.

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JOSEPH HEACOCK, WYNCOTE, PA. —GROWER OF—

Kentia Belmoreana
and **Kentia Forsteriana**
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Smilax. Sprengeri.

Well grown, carefully packed plants, in any quantity, \$1.50 per 100; \$12.00 per 1000.
Well grown, carefully packed plants, in any quantity, \$2.00 per 100; \$15.00 per 1000.
—150,000 to select your order from.—

PLUMOSUS, DEFLEXUS, DECUMBENS, GERANIUMS, PANSIES.
Send for Summer Price List.

ALBERT M. HERR, Lancaster, Pa.

NEPHROLEPIS PIERSONI ELEGANTISSIMA

Grand stock—in all sizes. Very popular in New York and all the large cities.
Unprecedented Sale of Large Specimens.
A splendid investment to plant NOW for the fall trade. Prices from 75c each; \$9.10 per dozen; \$50.00 per 100, up to \$2.00, \$3.00, \$5.00, \$7.50 each. Satisfaction guaranteed.

F. R. PIERSON CO., Tarrytown, N. Y.

Seasonable Stock.

IN EASTER LILIES,
HYDRANGEAS, GENISTAS,
SPIRAEA GLADSTONE,
RHODODENDRONS.

Palms, Ferns and Decorative Stock.

R. DREYER, WOODSIDE, L. I., N. Y.

SPECIALTIES

ROSES, from 3-inch pots,
CARNATIONS, for fall delivery, **In Best**
CHRYSANTHEMUMS, **Varieties**
SMILAX, VIOLETS.

Prices Low. Send for List.

WOOD BROTHERS, Fishkill, N. Y.

GRAND RAPIDS VIOLET STOCK.

Imperial, M. Louisa and Princess of Wales, 2 1/2-in. pots, \$3.00 per 100; \$25.00 per 1000. per 100

Alyssum, dbl., 2-inch.....	\$ 3.00
Lobelia, trailing, 2-inch.....	3.00
Centaurea, 2-inch.....	3.00
Mme. Sallerol, 2-inch.....	8.00
Salvia, 4-inch.....	6.00
Marguerites, 4-inch.....	6.00
Dracaena Indivisa 3-inch.....	10.00

CRABB & HUNTER, Grand Rapids, Mich.

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AMERICAN FLORIST
When you write to an advertiser.

A FEW GOOD THINGS YOU WANT.

DRACAENA INDIVISA, 3, 4, 5-inch, \$5.00, \$10.00 and \$25.00 per 100.
ASPARAGUS PLUMOSUS, 3-inch, \$5.00 per 100.
GERANIUMS, S. A. Nutt, Castellane, John Doyle, Perkins, Single and Double, Gen. Grant, La Favorite, Mme. Sallerol, 2-in. pots, \$2.50 per 100; 3-in., \$5.00 per 100.
VINCA VARIEGATA, 2-inch, \$2.00 per 100.
REX BEGONIAS, nice plants, 2 and 2 1/2-in., \$5.00 per 10.
BOSTON FERNS, 5-inch, 30c each.
A nice lot of **MADE UP KENTIA PALMS**, in 8-in. and 9-in. pots, at \$3.00 to \$5.00 each. Splendid plants for decoration.

CASH WITH ORDER.
GEO. M. EMMANS, NEWTON, N. J.
Please mention the American Florist when writing.

Geraniums.

Good 4-inch stock, \$6.00 per 100; 2 1/2-inch, \$2.00 per 100.
Vinca Variegata, 2 1/2-inch, very strong, \$4.00 per 100; second size, \$2.00 per 100.

GEO. BISCHOFF, Ann Arbor, Mich.

Poinsettias

July and August delivery, 2 1/2-inch, \$5.00 per 100; \$40.00 per 1000.

BENTZEN FLORAL CO. St. Louis, Mo.
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Cyclamen Giganteum.

Our well known strain in separate colors. Fine, strong, healthy plants: 2 1/2-inch, \$5.00 per 100; 3-inch, \$8.00 per 100. Satisfaction guaranteed.

LEHNIG & WINNEFELD HACKENSACK, N. J.

Asparagus Plumosus.

Nice stock from 2-in. pots, \$2.25 per 100; \$20.00 per 1000; not less than 500 at 1000 rates.

W. W. GOLES, Kokomo, Ind.

Minneapolis.

Business is progressing on its summer schedule, and trade, which was good the first of the month, is now at a minimum. Peonies are in great supply, bringing from \$1.50 to \$3 per 100. American Beauty roses are being cleaned up daily, while teas are in surplus.

L. S. Donaldson, who purchased the old Mendenhall range some time ago, is closing out what is left of it, and, from reports, will erect flat buildings, as this range was so centrally located its site became too valuable for growing purposes.

One of the neatest floral stores in the city is Pathey & Thompson's, on Seventh street, near Hennepin avenue. The place is not large, but neat and attractive to the flower purchaser.

William Gieble, manager of the T. H. Shevelin's private greenhouses at Lake Minnetonka, was a recent visitor. Mr. Shevelin will enlarge his range this season.

Oscar Amundson, who recently opened up the Rosary Floral Store, Sixth street and Hennepin avenue, reports a good trade.

A number of light hailstorms have visited the city and vicinity in the last two months, but no great damage to glass was reported.

The Sunnyside Greenhouse Company, Fifth avenue and Eighth St., S. E., are contemplating remodeling their range.

Otto Will, of R. Will & Sons, leaves the coming week for an extended trip to Deadwood, S. D., for his health.

C. F. R.

THOSE RED POTS

"STANDARDS"

FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,

HARRY BALSLEY, DETROIT, MICH.,
Rep. 490 Howard St.

Standard Flower... POTS

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....

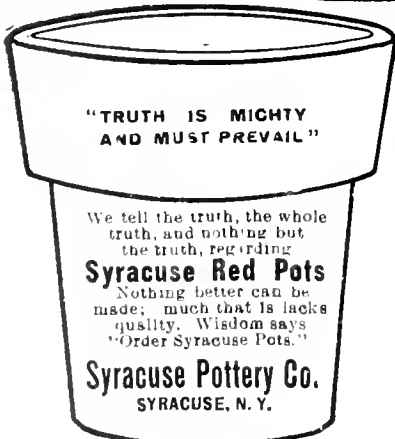
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38th and M Streets, WASHINGTON, D. C.

RED POTS

SAMPLE POT AND PRICE LIST ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.



Standard Flower Pots

The WHILLDIN POTTERY COMPANY,
PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

THE KELLER POTTERY COMPANY,

Manufacturers of **FLORISTS' RED STANDARD POTS.**

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.

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BEST ENGRAVINGS and ILLUSTRATIONS
—Of Every Description—
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SEE OUR WORK IN THIS PAPER. SEND FOR ESTIMATES.
GLOBE ENGRAVING and ELECTROTYPE CO.
407-427 Dearborn St., CHICAGO.

Please mention the American Florist when writing.



Please mention the American Florist when writing.

CUT FLOWER BOXES WATERPROOF Corner Lock Style.

The best, strongest and neatest folding out flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

Size No. 0.	3x 4x20	.....	\$2.00	\$19.00
"	1. 3x 4 1/2 x 18	.....	1.90	17.50
"	2. 3x 6 x 18	.....	2.00	19.00
"	3. 4x 8 x 18	.....	2.50	23.00
"	4. 3x 5 x 24	.....	2.75	26.00
"	5. 4x 8 x 22	.....	3.00	28.50
"	6. 4x 8 x 28	.....	3.75	36.00
"	7. 6x 16 x 20	.....	5.50	54.00
"	8. 3x 7 x 21	.....	3.00	28.50
"	9. 5x 10 x 35	.....	6.50	62.00
"	10. 7x 20 x 20	.....	9.50	67.50
"	11. 3 1/2 x 5 x 30	.....	3.00	28.50

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
Box 104, COLUMBUS, OHIO.
Please mention the American Florist when writing.

—WRITE—

A. F. Kohr

1521-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for strength and porosity combined are the best on the market

Please mention the American Florist when writing.

STANDARD FLOWER POTS!

Packed in small crates, easy to handle.

Price per crate	Price per crate
1500 2-in., in crate, \$4 88	120 7-in., in crate, \$4.20
1500 2 1/2 " " 5.25	60 8 " " 3.00
1500 2 1/2 " " 6.00	HAND MADE.
1000 3 " " 5.00	48 9-in., in crate, \$3.60
800 3 1/2 " " 5.80	24 11 " " 4.80
500 4 " " 4.50	24 12 " " 4.80
3 0 5 " " 4.51	12 14 " " 4.80
141 6 " " 3.16	6 16 " " 4.50

Seed pans, same price as pots. Send for price list Cylinders for Cut Flowers, Hanging Baskets, Lawn vases, etc. Ten per cent off for cash with order. Address

HILFINGER BROS. POTTERY, Fort Edward, N. Y.
Or AUGUST ROLKER & Sons, New York Agents,
31 Barclay Street, New York City.



GEO. KELLER & SON,
MANUFACTURERS OF
FLOWER POTS.

Before buying write for prices.

361-363 Herndon Street,
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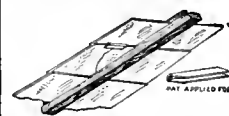
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Buffalo.

Weather conditions have been very fine the past week and everything and everyone has that summer look and feeling. The past week was a busy one for all the florists, as all schools had their graduation day exercises which called forth a great quantity of flowers in all sorts of arrangements. Roses are getting very small as also are carnations. Peonies have sold well and are of good quality.

There is a new place out in the Central park district that is going to be a winner for Buffalo. It is on the Bennett property and a number of houses are to be erected, devoted almost entirely to American Beauty roses. One house planted three weeks ago has made rapid growth and fine roses are expected very soon, as they are all in bud. There are a great many sold in Buffalo and should good ones be grown here their sale will be guaranteed. We wish Mr. Bennett and his superintendent, Mr. Goehle, all success. Mr. Goehle has grown about the finest sweet peas sold in Buffalo this year and some very fine Carnot roses are coming in now.

Vacations will start after next week, when the lords of the greenhouses will hasten to the seashores on a part of their profits from spring work. The czar of the Chippewa market will make another trip to the fatherland. Jerry Brookins is building a summer residence at Angola, N. Y., on Lake Erie; W. J. Palmer will be resting in Lancaster; S. A. Anderson, at the Island Club; J. H. Rehstock, at Crystal Beach; W. F. Kasting, at Grand Island, with the Half-Past Twelve Club.

The Florists' and Gardeners' Union No. 10726, has had the first death among its members in Carl Bauer, who has been ill for about six months. He leaves a wife and five children, all very small. The members of the union took full charge of the funeral and lent substantial aid to the family.

Christian Christensen, of Eggertsville, N. Y., was a caller and says he had a good trade this spring. Rudolph Boettger, whose place is near Mr. Christensen's, had the finest geraniums brought to the Buffalo market this year.

June will go out in splendor, as every day this week one or more large weddings are scheduled for Buffalo and vicinity, all of which are being handled by Buffalo florists.

The Scott Floral Company's branch greenhouses on Delaware avenue, near Forest Lawn, have had an unusual trade both in plants and cut flowers.

Anderson had a very pretty window of daisies recently and Palmer & Son have had some pretty windows of carnations.

Buffalo is certainly getting metropolitan, as we now have three department stores handling flowers.

L. H. Neubeck and Mr. Beyer are still confined to their homes with rheumatism.

R. M. Rehstock's new wagon is very handsome and an ornament to the trade.

Recent Visitors: William Gude, Washington, D. C., who had been here with the Shriners; J. Dudley, Parkersburg, W. Va.; A. J. Baur, Baur Floral Company, Erie, Pa.; Robert Greenlaw, of N. F. McCarthy & Company, Boston, Mass.

BISON.

MELROSE, CAL.—Charles Germain and Emil Wagner have dissolved partnership and the latter will continue the business.

Syracuse, N. Y.

P. R. Quinlan & Company have in their Salina street store a display of orchids which were brought from Venezuela by Mr. Quinlan when he was there in connection with the business of the Warner-Quinlan Asphalt Company with which he is connected. There is some talk to the effect that the property on which Mr. Quinlan's store stands has been rented along with the rest of the property owned by the First Presbyterian church to Marcus Rosenbloom, who will erect a department store. If this is the case the company will have to seek another location. They are tearing down the last of their greenhouses in West Genesee street and moving the contents to the new houses which are being built at Onondaga Valley. The range there is being enlarged. The rose and plant houses were the last to be removed from the Genesee street property. Manager Robertson will leave soon for his vacation trip to Boston.

Henry Morris has a fine display of Tarrytown ferns which are a novelty for this city. Mr. Morris recently had a basket of Spanish iris at the silver wedding of W. K. Pierce which attracted a great deal of attention. Part of the leaves were silvered, the effect being pleasing in the extreme.

Wheadon & Hencle made an elaborate pall for the funeral of E. C. Tallcott, a prominent thirty-third degree mason last week. The center was of Enchantress carnations and the outside of lily of the valley and maidenhair ferns and asparagus. It was six feet long.

This is the season of graduations and many bouquets and baskets of flowers are being furnished by the florists.

The florists are still selling pansy blossoms but sweet peas are scarce.

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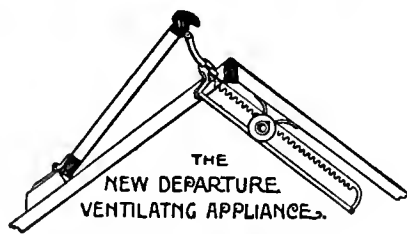
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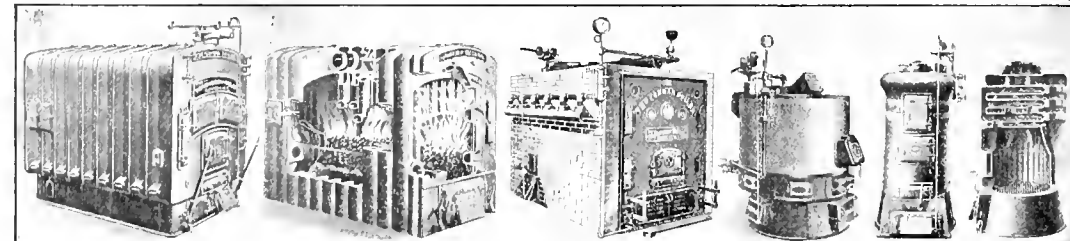
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Seeds—Seeds, bulbs, plants. Arthur T. Bodington, 342 W. Fourteenth St., New York.

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- Flower Growers' Market, 60 Wabash Ave., Chicago.
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- Hart, James, 117 W. 30th St., N. Y.
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- Hunt, E. H., 76 Wabash Ave., Chicago.
- Kennicott Bros. Co., 40-44 Randolph St., Chicago.
- Knehn, C. A., 1122 Pine St., St. Louis.
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- McCullough Sons Co., J. M., 316 Walnut St., Cincinnati, O.
- McKellar, Chas. W., 51 Wabash Ave., Chicago.
- Michigan Cut Flower Exchange, 3S-40 Miami Ave., Detroit, Mich.
- Moore, Hentz & Nash, 55-57 W. 26th St., N. Y.
- Murdoch, J. B., & Co., 545 Liberty Ave., Pittsburg, Pa.
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- Philadelphia Cut Flower Co., 1516-18 Sansom St., Philadelphia, Pa.
- Pittsburg Cut Flower Co., Ltd., 504 Liberty Ave., Pittsburg, Pa.
- Pittsburg Florists' Exchange, 228 Diamond St., Pittsburg, Pa.
- Pollworth, C. C. Co., Milwaukee, Wis.
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- Sheridan, Walter F., 39 W. 28th St., N. Y.
- Treadley & Scheuch, 44 W. 28th St., N. Y.
- Vaughan & Sperry, 58-60 Wabash Ave., Chicago.
- Watson, W. H., Lapeer, Mich.
- Welch Bros., 15 Province St., Boston.
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- Weiland & Risch, 59 Wabash Ave., Chicago.
- Wietor Bros., 51 Wabash Ave., Chicago.
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- Atlanta Floral Co., 41 Peachtree St., Atlanta, Ga.
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- Cooke, Geo. H., Connecticut Ave. and L St., Washington, D. C.
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- Garden, Alex. B., 441 Center Market, Washington, D. C.
- Gude, A. & Bro., 1214 F St., Washington, D. C.
- Hauswirth, P. J., Auditorium Annex, Chicago.
- Heas & Swoboda, 1415 Farnam St., Omaha, Neb.
- Holm & Olson, St. Paul, Minn.
- Leikens, 7 E. 33d St., N. Y.
- Mills The Florist, 36 W. Forsyth St., Jacksonville, Fla.
- Park Floral Co., The, Denver, Colo.
- Palmer's, Buffalo, N. Y.
- Shaffer, 14th and Eye Sts., Washington, D. C.
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Greens—New decorative greens, the branches of huckleberry tree, \$2.50 per case. New crop hardy ferns; fancy, \$1.25 per 1,000; dagger, \$1 per 1,000. Caldwell, The Woodsman Co., Evergreen, Ala.

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Mastics—For glazing greenhouses. F. O. Pierce Co., 170 Fulton St., New York.

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Pots—Standard flower pots. We can save you money. W. H. Ernest, 28th and M Sts., Washington, D. C.

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Pots—Pots of all kinds. A. H. Hews & Co., No. Cambridge, Mass.; Long Island City, N. Y.

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Pots—Pots of all kinds. A. H. Hews & Co., No. Cambridge, Mass.; Long Island City, N. Y.

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San Francisco.

THE MARKET.

During the early part of last week trade was very poor, but toward the end it brightened considerably and present writing finds the market in a very fair condition. Sweet peas are here in enormous quantities, some lots being of very poor quality, the stems short and the flowers off color. The latter complaint has been very general throughout this season. The best quality averages about 50 cents per dozen bunches. Lilies are another plentiful flower. There were more lilies grown this season than ever before during the history of the trade in this city. Good stock is bringing \$2 per dozen; poor stock can be had at any price. Roses continue in fair supply, but move very slowly. Carnations are also very plentiful and very cheap. There are great quantities of gladioli coming in; Bride gladiolus can also be had and brings about \$1 per 100. Cattleyas are coming in freely and always find ready sale. The wholesale price is 50 cents per flower. Greens are plentiful with the exception of *Asparagus plumosus nanus*. This is in good demand, but it is hard to procure. The wild huckleberry that is now being exploited in the eastern markets has been used for many years in this market and with great success. It is gathered in the mountains in the vicinity of this city and brought into market in vast quantities daily. Its splendid keeping qualities make it very popular.

THE FALL EXHIBITION.

A fall exhibition under the auspices of the California State Floral Society will be held in the grand nave of the Ferry building during the latter part of October. The committee in charge of the exhibition invites the hearty co-operation of the members of the floral society and of all growers and dealers in the state of California in order that this show of fall flowers be one of rare beauty, excelling in variety and arrangement any that has heretofore been held by the society. The show will include roses, chrysanthemums, dahlias and carnations, field grown and those grown under glass, also all other flowers of the season. The gold and silver medals of the society, together with special cash awards, will be offered as premiums. A complete premium list, giving correct dates, rules and regulations, which shall govern this flower show will be ready for distribution about August 1.

PACIFIC COAST HORTICULTURAL SOCIETY.

At the last regular monthly meeting of the Pacific Coast Horticultural Society, the Hortensia Gardeners' Society, of Oakland, attended in a body and were the guests of the society for the evening. The industrial committee of

the societies, appointed some time ago to prepare resolutions on Japanese restriction, made a very comprehensive report, the same being unanimously adopted by both societies and the committee thanked for their labors in the matter. L. Ferrari, who made such a hit in Los Angeles, while the guest of President J. C. Vaughan, by the eloquent address made to the members of the trade during the meeting of the southern California florists, was unavoidably absent. He has promised, however, to be on hand at the next meeting. His subject will be the "Effect of Japanese Competition." A full attendance is assured. The date is July 1.

GROWERS' ASSOCIATION.

The executive committee of the Growers' Association, which is under formation, will meet during the week at the office of P. C. Meyer & Company on Mission street to complete the organization of the movement. After that is completed a general call will be issued to all the wholesale growers to convene in this city and be instructed as to the objects of the society. It is earnestly requested that when the notice is sent out that every grower, large and small, Japanese excepted, will become active members of the association. Due notice will be given in these columns of the day and date.

NOTES.

The idea of a horticultural or florists' day at the Lewis and Clark exposition is meeting with great favor among the trade. James Forbes, of Martin & Forbes, of Portland, has pledged his support to the success of the affair and is organizing all the wholesale and retail florists of Portland to meet the Pacific coast florists when they arrive at the fair city. He is entitled to great credit for the energy he displayed in working up the movement so rapidly.

G. Abie, who for many years past has been best known to the trade of this city for his American Beauty roses, is about to retire from business. During the past fifteen years his establishment was noted for the splendid quality of the American Beauty shipped daily to this city. Ill health has compelled him to seek a purchaser for the property. He intends to take a long-deferred trip to Europe for his health.

The board of trade of the city of San Mateo has adopted a resolution to the effect that this place be known as the floral city from the great commercial establishments in that vicinity. A large chrysanthemum show will be given in that city during the early part of October.

Thomas Lee, head gardener at Hotel Del Monte, was a visitor during the week. Mr. Lee reports trade last winter at Monterey as first-class. All the flowers supplied the guests at this famous resort are grown at the extensive houses adjoining the hotel grounds.

Louis Goertzhain, of Goertzhain Brothers, was assaulted and robbed of \$180 one night last week near his home at Redwood City. His assailants have been captured and are now before the superior court of San Mateo county. The money has not been recovered.

The store of Julius Eppstein, at 321 George street, was entered by burglars June 15. So far the thieves have not been located.

The schedule of prizes offered by the Menlo Park Horticultural Society is

now ready for distribution and copies may be had upon application to the secretary. At the last meeting the following resolutions were adopted by the society.

Whereas, It has pleased Almighty God to remove from our midst our late brother, Michael Lynch.

Resolved, That we, the members of this society, unite in expressing our heartfelt sorrow and sympathy at the death of our late brother.

Resolved, That we extend to the bereaved wife and family of the deceased our condolence in the loss of a devoted husband and father and pray that God will extend to them His loving and tender care in this, their hour of affliction.

Be it further resolved, That these resolutions be printed in full upon the records of this society and a copy sent to the family of the deceased.

NORMA.

Cleveland.

MARKET WELL STOCKED.

The funerals last week of several prominent Clevelanders who met death in the Lake Shore railroad disaster at Mentor, O., created quite a demand for flowers. Smith & Fetters, the Gasser Company, and in fact, nearly all the leading florists had to have extra help to fill the orders. Two of the victims, Messrs. Wellman and Morgan, were buried from the old stone church, which was beautifully decorated for the occasion by Smith & Fetters. There were quite a number of weddings last week, the Gasser Company having four decorations in one day, but there is so much stock coming into the market that the demand did not lessen the stock to any noticeable degree. The leading social event of the week was the civil engineers' hall in the Chamber of Commerce. Westman & Getz had the decoration, which was most tastefully executed.

NOTES.

Philip Hagenburger, gardener for the Lake Shore railroad, is spending his vacation in Europe. His daughter, Elsie, and his two sons, Carl and William, distinguished themselves during the disaster on the Lake Shore railroad near their home in Mentor, caring for the wounded. William is credited with rescuing twelve persons who would otherwise have perished.

The members of the Cleveland Florists' Club are requested to be on hand next meeting night, July 10, to discuss the most suitable place to hold their summer outing.

The Cleveland Landscape Company, 1 to 5 Woodland avenue, made an assignment on June 17, the liabilities being \$7,000, the assets, \$3,500.

Mrs. H. A. Hart is now at Mt. Clemens, Mich. ECHO.

MINNIE, IND.—For several years Simon Humfeld has been heating his greenhouse at Madison and Race streets with exhaust steam from the city electric plant, at a yearly expense of \$600. The city has about decided to not renew the contract.

ATLANTA, GA.—The Peachtree store, occupied by Walker & Yarbrough and the Dah! Floral Company, has been purchased for \$118,235.50 by J. W. English, Jr., who will make extensive improvements on it at once.

Albany, N. Y.

The local florists report that the month of June began with a volume of trade that was fully equal to the average of previous years. The hot weather during the second and third weeks of the month caused a considerable falling off in the number of orders and with the end of June begins the annual dull season which usually lasts until the return of the florists' patrons in September from the various summer resorts.

W. C. King, of 30 North Pearl street, has received plans for a neat office building to be erected in connection with his greenhouses at 1086 Madison avenue. The plans show a structure of the cottage style, 22 x 35 feet, two stories high. The lower half of the exterior will be covered with novelty siding and the upper half with stained shingles. The first floor will be used for office work and the second will for the present be used for storage purposes.

Louis Menand, of Cemetery avenue, has received from New York plans and specifications for a second greenhouse of the curved glass eaves style, one of which he erected as an experiment about three years ago. The new house will be 20 x 100 feet and will be devoted to carnations.

The firm of Hitchings & Company, New York, submitted the only bid for a greenhouse boiler for the bureau of parks at the last meeting of the municipal board of contract and supply. The firm's bid was \$466. No definite action has yet been taken by the board.

Patrick Hyde, of 480 Hudson avenue, is preparing to build an extension to his present greenhouses. The new building will be 22 x 50 feet and will be devoted to carnations and azaleas. R. D.

Davenport, Ia.

FLORISTS' CLUB MEETING.

The June meeting of the Tri-City Florists' Club was held on the evening of June 20 at Floral Hill Gardens, the home of Ewoldt Brothers, nearly every member of the club being present. After inspecting the greenhouses and gardens, the club held its business meeting. Emil Boehm, who was appointed auditor at the last meeting, reported that he found the books of the treasurer and financial secretary to be correct. The picnic committee, which consists of Theo. Ewoldt, Henry Pauli, Emil Boehm and William Knees, was instructed to report at the next regular meeting. The annual picnic will take place about the last week in July. John Temple, president of the society, was asked to make what arrangements he could for attending the national convention at Washington in August. Just how many will attend from here is not known at present, but several have signified their intention of going. After the routine business of the club was conducted, the members listened to a lecture by Theo. Ewoldt on "The Easiest Way to Raise Strawberries," practically illustrated by a strawberry supper. TED.

San Antonio, Tex.

F. F. Collins is considering greenhouse improvements at his irrigated gardens.

F. Hansel has contracts for work on ten buildings of the new government post.

Frank Hauser is taking his annual bath in the gulf at Galveston.

Worcester, Mass.

The attraction at the weekly exhibit of the Worcester County Horticultural Society, in Worcester, Mass., June 14, was an exhibit of peonies by E. J. Shaylor, of Weston. Between eighty and ninety varieties were shown, some of them exceedingly rare. Mr. Shaylor came to Worcester with the flowers and was awarded a certificate of merit.

In response to invitations issued by O. B. Hadwen, president of the Worcester County Horticultural Society, to members of the society and their friends to visit Magnolia, his home on Lovell street, a large number of people from all parts of Worcester county visited it the afternoon of June 14. An outing at Mr. Hadwen's is an annual affair for the members of the horticultural society.

Mr. Hadwen personally conducted the guests over his grounds, which cover about fifty acres, pointing out interesting trees to them. There are over 100 varieties

of trees in the grounds, and he has the largest collection of magnolias in this section of the country, having about twenty different varieties.

Grand Rapids, Mich.

Six inches of rain in three days, June 5, 6 and 7, was the cause of one of the most disastrous floods this city has ever had. As it came so sudden it took every one by surprise, right in the busy season. The damages are reported as follows: Crabb & Hunter lost three acres of carnation plants; Freyling & Mendals, 2,000 carnation plants; Park Floral Company, 5,000 plants; the Stover Floral Company, Grandville, every plant, 5,000 of the best varieties. We had quite a hail storm on June 6. Bruinslot & Sons lost 200 lights, C. R. Hills 300, Freyling & Mendals 100, and many of the vegetable establishments suffered. N. B. S.



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THE AMERICAN FLORIST



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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—J. C. VAUGHAN, Chicago, president; J. R. FREEMAN, Washington, D. C., vice-president; Wm. J. STEWART, 11 Hamilton Place, Room II, Boston, Mass., secretary; H. B. BEATTY, Oil City, Pa., treasurer. Twenty-first annual meeting at Washington, D. C., August 15-18, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention and exhibition at Boston, 1906. PETER FISHER, Ellis, Mass., president; ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., March, 1906. ALEX. MONTGOMERY, Natick, Mass., president; Wm. J. STEWART, 11 Hamilton Place, Boston, Mass., secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition, November, 1905. FRED. H. LEMON, Richmond, Ind., secretary.

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FLORISTS' FERTILIZERS.

By J. A. VOORHEES.

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I.—PRINCIPLES GOVERNING THEIR USE.

By long series of experiments the following facts have been proven true of the growth and development of plants:

1. That during their growth they remove from the soil and air varying quantities of the following elements: Carbon, hydrogen, oxygen, nitrogen, sulphur, potassium, chlorine, phosphorus, calcium, iron, magnesium, sodium and possibly manganese, of which all except carbon, hydrogen and oxygen are from the soil.

2. That a certain portion of each of these elements, however small, is necessary to the life of every plant.

3. That of these, only nitrogen, phosphorus and potassium and rarely calcium (lime), are apt to be absent from the soil, their absence being caused by the fact that they occur in largest quantities in the plants, and in relatively small quantities in the soil.

Our concern, therefore, in studying the nutrition of plants, either in the field or the greenhouse, is simply with these three or possibly four food constituents. Then it is necessary to determine the function of each in the growth of the plant, before we can apply them with intelligence to plants of different needs.

From experiment it has been found that nitrogen stimulates rapid leaf and stem growth, leaving the plant, if not fortified sufficiently by other food, soft and flaccid. An excess produces leaves and stem at expense of fruit. Phosphoric acid and potash contribute to steady, firm growth of woody structure and are also found in the fruit buds, fruit and seed.

It is evident also that the habit of the plant must have a deal of weight in determining the use of different fertilizers. An annual, for instance, needs food in quickly available forms, and such that will stimulate growth for one season only, with no thought of storing strength against the winter. Perennials on the other hand, require such foods as will meet their needs for slow continual growth, from day to day. Their

woods must be hard and vigorous, for the amount and quality of the fruit is determined by the healthiness and reserve force of the wood back of the buds. Nitrogen, except in small quantities and in slowly available form would therefore be detrimental to the purpose of this class of plants, although in annuals, for instance, vegetables, it would provide material for that quick growth and consequent succulence which determines their value.

From the point of view of the fertilizers also there are many conditions which must be minutely studied. Fertilizers are only available to plants in certain forms, soluble in water or to the roots. This presupposes:

1. Careful preparation of the soil, to expose the fertilizers to decaying or dissolving forces to fix the fertilizers in the soil, so far as it is possible and to facilitate their passage through the soil to the roots.

2. The application of the materials in such a way and at such a time that they may become available as the plant needs them, and that they may not incur too much loss in the process.

First, this factor, the soil, is the determining point in the results obtainable from applications of fertilizers. Large amounts of plant food spread on the earth may utterly fail in producing a fit crop if the soil is not in good condition, or if the food content of the soil already is not taken into account.

The condition of the soil is dependent upon two main characteristics, first, humus or decaying vegetable matter which, though it contains small amounts of the food elements, is especially useful as an absorbent of water and the fertilizers in solution in it; second, its openness, friability, which exposes to the beneficial and dissolving elements sun, water and air, every particle of fertilizer added, which allows the roots to obtain a deep, firm hold, and to penetrate to the stores of food in the subsoil, and which allows the moisture and fertilizers upon the surface to percolate

to each and every root, however deep they run. It is important that even the best soils have this condition and it is of still more importance that poor soils should be improved along these lines, as far as it is possible.

It is necessary also that the chemical conditions of soils be understood before adequate results may be expected from additions of fertilizers. In studying these we will take up at the same time the mechanical condition of the different kinds of soils so that it may be clear in how far they contribute in themselves to the foregoing requirements of good condition. The differences in soils are due to changes wrought in the earth's surface, during many geologic ages, and have resulted in three main divisions, namely, sandy, clay and limestone soils. The first of these, sand, is composed of hard particles, so coarse that they admit air, water and heat so easily and in such quantities that the plants dry up and die before they are able to mature. Their chemical constituency varies considerably, but in general the hard particles are quartz and the remaining substance is poor in phosphoric acid and potash. The addition of these minerals, however, does not always meet with entire success, because they are not readily fixed in such a soil and are thus apt to be washed away by the rains.

Clay soils are composed of fine hard particles separated by their size from those making the sandy deposits. They are frequently rich in potash, but poor in phosphoric acid and lime. Their physical condition is in many cases so compact that even enormous additions of the necessary minerals would not produce sufficient returns, because the roots are unable to penetrate the soil, nor can water get beyond the surface. Clay soils, however, differ widely in their physical characteristics, and there may be found those with reasonably good texture.

Limestone soils generally contain little potash, but are rich in lime and frequently in phosphates. Their physical character also is of considerable influence on the crop, some being too cold and some too warm and others seemingly unable to sustain uniform growth.

In addition to these soils there are those containing decaying vegetable matter from previous crops. These are frequently rich in nitrogen and poor in all mineral foods.

It is evident, therefore, that a certain knowledge of the soil is absolutely necessary for judicious applications of artificial fertilizers. But this must not be accepted as the final test of the kinds to be applied because, aside from the wide variation in the chemical and physical make-up of a certain soil, there is also the question of previous cropping to be taken into consideration. Unless a judicious rotation of crops has been practiced it is quite possible that the constituent element of a certain soil may have been exhausted, or in a soil provided with the three food elements, one may have been removed, while the others were practically unused. In such case the application of that one necessary element would result in as large a return as if fertilizers had been applied indiscriminately and the other two elements had simply gone to increase the already abundant store of them in the land. But in applying the necessary food, it must always be borne in mind that only reasonably adequate results are obtained from any application of fertilizers where the soil is well cultivated and managed.

The second requisite to good results from the point of view of the fertilizers is the time and method of their application. Certain general rules may be laid down:

1. Apply broadcast because the feeding rootlets generally form a net work in the soil at some distance from the plant. Fertilizers at the base of plants sometimes result in harm.

2. Nitrogen in the form of nitrate is very soluble and is liable to be washed away. It should, therefore, be applied at the beginning of the growing season. It is sometimes advisable to make several applications at intervals of two weeks; or other inorganic forms of nitrogen may be applied earlier, so that they are available when needed.

3. Phosphoric acid and potash may be applied early in spring or during fall and winter, for they are seldom washed away except in very sandy soils. Water-



Theodore Wirth.

(President-elect American Park Supts. Assoc.)

soluble phosphoric acid should be applied in spring, for if earlier, it tends to revert and become insoluble. Potash may become fixed on the surface; it is therefore advisable to cultivate it in.

4. Farm manures may be applied during fall, winter or spring.

5. Land plaster works into soil slowly and should therefore be spread early.

Canadian Horticultural Association.

We are in receipt of the programme of the eighth annual convention of the Canadian Horticultural Association, to be held at Montreal, August 8-10. The Welland hotel will be headquarters, with rates of \$2 per day. After the usual preliminary addresses and reports papers will be presented as follows: "Park Design," illustrated, by Frederick G. Todd, Montreal, Que.; "How to Keep a Greenhouse Attractive in Winter," by Thomas McHugh, Dorval, Que.; "How to Keep Grounds Attractive in Summer," by R. Burrows, St. Anne de Bellevue, Que.; "A Review of Roses and Carnations to Present Date and their Special Requirements," by J. H. Dunlop, Toronto, Ont.; "Violets," by F. L. Girdwood, Montreal, Que.; "Fertilizers for Greenhouse Purposes," by William Downing, Brampton, Ont.

Trade exhibits must be staged before

ix a. m., August 8, when judging will begin. The local committee will give exhibits from a distance every attention. Address communications to George Robinson, Outremont, Montreal, Que. Certificates of merit, diplomas and honorable mentions will be given to worthy exhibits.

There will be a number of excursions to points of interest during the convention and on Thursday evening, August 10, a banquet will be tendered the visitors.

American Park Superintendents.

The meeting of the American Association of Park Superintendents held in Buffalo last week at the Historical building, Delaware park, was well attended by superintendents from all the large American cities and Canada. The visitors were well taken care of in Buffalo by Professor Cowell, South park; James Braik, assistant superintendent Delaware park, and the park commissioners. A great amount of business was transacted pertaining to their business, and the following officers were elected for the ensuing year: President, Theodore Wirth, Hartford, Conn.; vice-presidents, Byron Worthen, Manchester, N. H.; W. Z. Zartman, Brooklyn, N. Y.; John Chambers, Toronto, Ont.; R. H. Warder, Chicago, Ill.; E. Baker, New Orleans, La.; W. R. Adams, Omaha, Neb.; secretary-treasurer, John W. Duncan, Boston, Mass.

After the business had been transacted a luncheon was tendered the visitors at the Casino, Delaware park, where Park Commissioner Noble in his usual polished way responded to the vote of thanks extended by President Wirth. An inspection was made of all the Buffalo parks and on the following day the visitors went to Niagara Falls and the state reservation as the guests of Superintendent Perry. They then visited Queen's park, Niagara Falls, Ont., where they had luncheon, and then took the trip down the Great Gorge route. On Saturday all went to Rochester, where they visited the different parks.

The meeting place for next year was left to the executive committee. Professor Cowell says that the convention was about the most important of any held and all the delegates were kept busy while in session.

Among those present were J. Horace McFarland, of Harrisburg, Pa., and Reuben H. Warder, of Chicago.

BISON.

PRESIDENT-ELECT WIRTH.

Theodore Wirth is a native of Zurich, Switzerland. After receiving a high school education he chose gardening as his profession and was apprenticed to Ulrich Stahl, Canton St. Gallen, from which he emerged as a full-fledged gardener. He worked first at Zurich and afterward at Paris, where he spent several years in the employ of the most celebrated plant specialists. Afterwards he found a position with Beckwith & Sons in London, and finally came to America in 1886, where he was at first employed in Orange, N. J., and afterward at Morningside park, New York, under J. F. Huss. By his ability he soon reached the position of assistant foreman. His next assignment was in charge of the cemeteries of the Trinity corporation, after which he laid out several private estates at Central island, the country place of Colonel Greggor at Lo-

cust valley, Long Island, and the beautiful school grounds at Glen Cove. In 1895 he married the daughter of Felix Mense, of Glen Cove. In the spring of 1896 he was appointed superintendent of the parks of Hartford, Conn., and his management thereof has brought him the highest credit as a landscape artist. Elizabeth park, the latest addition to the system, is of his own planning and has, with its greenhouses, tastefully planted grounds and periodical floral exhibitions, especially endeared him to the public of Hartford. Two years ago he added to its attractions a rose garden, one of the finest on the American continent, comprising over 3,000 plants.

Sterilizing Soil in Greenhouse.

ED. AMERICAN FLORIST:—

How can I sterilize a bed in my greenhouse without removing the soil from same? J. E. Q.

It will not be possible to sterilize the soil without removing it from the bed, unless it can be covered with canvas or in some other way. Work the soil over and place steam pipes near the bottom. The pipes should have $\frac{1}{4}$ -inch holes every 18 inches and there should be a line of pipes for every 18 inches across the bed. The size of the pipes will depend upon the length, but $1\frac{1}{2}$ -inch will answer up to 100 feet. Cover and run in steam for an hour. Then spade the soil to the depth of 4 inches and throw the soil at the sides of the bed to the center and again turn on the steam.

L. R. T.

The Peony.

I look upon the peony as the king of the outdoor garden; and when I give it this title I hope that I have the forgiveness of the countless subjects of the queen of flowers, and that they will reflect that it is couched in the masculine gender. The rose perhaps possesses a little more of feminine sweetness and grace, but the peony, clothed with great beauty, and sweetness withal, has a larger share of the manly attributes, hardiness and vigor. It is admirably equipped to withstand the utmost severities of the British climate, whether they appear in the form of the sudden cold grip of wintry seasons in the northern midlands of England, the biting, withering blasts of the eastern counties, the fogs of the clammy clay lands or the mildewing mists of milder airs. That dreadful feeling of being "cut," which the rose has to experience, does not fall to the lot of the herbaceous peony, a native, as far as the exquisite *P. albiflora* is concerned—and of this and *P. officinalis* alone I write here—of Siberia. The very mention of its native country causes one to shiver mentally and to picture ice-bound landscapes deep in snow. The sudden short summer of a great part of Siberia is almost as unbearable on account of the heat as the winter through its cold; the peony inhabits no small area of the country, and for many centuries between the time of mammoths and the date of its introduction to England must have endured far hotter suns as well as more iron frosts than have been its lot in England since the days of King Edward the Sixth.

The variation amongst the species of peony is sufficiently marked to make the study of the genus of great interest, but the species which has given rise to varieties the most numerous and dec-



MALUS IOENSIS FLORE PLENO AT THE ARNOLD ARBORETUM.

orative for garden purposes and for cut flowers is the herbaceous *P. albiflora*. This whitish pink single flower was introduced to England in the year 1548, and—with a few varieties of it brought from China early in the nineteenth century, some white, some red, some single, some double—is the ancestor of the lovely host which has so triumphantly assailed our hearts and gardens during the last decade or so. Its descendants are so admirably adapted to the climate of Britain, include such a large majority of kinds truly charming in form, color and perfume, yield such a bountiful return of beauty for such little expenditure of care, are of such easy culture in ordinary garden soil and so immune from disease that there is little wonder that owners of gardens, and gardeners, are making what haste they can to plant collections as large and representative as their space or means will permit. The marvel is that the real awakening of the public to the claims of the peony should have been reserved for the dawn of the twentieth century.

For a long time "vulgarity" appears to have been associated with the peony, and the plant was despised and grew

only in kitchen and cottage gardens. This was chiefly the "old double red" (*P. officinalis rubra-plena*), an immense lolloping blossom behind which country bumpkins who have an eye for smartness even now walk on village "club" days. I cannot but think that the heroines of the circulating libraries who manage to "blush like a peony" must be suffering from a very considerable emotion if this is the variety they are endeavoring to emulate, for it is of a fine full crimson color. The flowers at their best appear to glow with inward fire, and are very striking against dark fir branches. The double white variety of *officinalis* is charming, of a fresh salmon pink color when first open, and both kinds are effective in shrubberies, drives and grass walks, and are earlier than their more fascinating relatives, the varieties of *albiflora*.

These herbaceous peonies, *albiflora* and *officinalis*, may be planted at any time that the ground is in good condition from September to March; but September and October are preferable so as not to lose the chance of a few flowers the first season. Plants showing three or four buds are of fair size for plant-



BLOCK OF ALEXANDRIANA PEONIES AT PETERSON'S NURSERY, CHICAGO.

ing, and do best; old clumps are not desirable, as they will probably be woody and "blind" in the middle. Peonies need quite three to four feet between each plant in order to do themselves justice, but for quick effect they may be put in eighteen inches apart, and every other one taken out after a couple of years. The plants should be inserted with the "crowns" or dormant buds two to four inches below the surface; the soil around must be firmly trodden in, and they should then be well watered.

I have never seen gardens in which peonies will not grow well; and but once or twice have I come across soils in which they will not flower; it is quite exceptional, and the cases I have seen were in soil of a very light character; although I imagine that some other circumstance was the real cause. It may be laid down that practically any garden soil suits them. They have thick fleshy roots which search with their fibres some distance downwards, abundant foliage, and carry a very large crop of flowers; therefore it is not unreasonable that they should prefer and flourish exceedingly in good deep trenched ground; it is not necessary to provide any particular compost, but a rich, fat soil, or liberal treatment in the way of manure if the soil be poor, will produce the most handsome foliage and the finest flowers.

The manure—stable, cow, pig or other—may be dug in when the ground is being prepared before planting, and if it is fresh it should not be allowed to touch the roots. In hot situations a mulch of stable manure or leaf litter may advantageously be applied in the summer. In very hot seasons and on light soils copious draughts of water or liquid manure will assist in the formation of good stout buds for the following season.

The peony is so robust that there seems to be scarcely a weed in Britain that can smother it, and it will live in grassland and woodland; but when planting in grass or in the "plantation," I would advise that spots be cleared and dug first of all in order to allow the peonies a good start; they will then, in sun or in half shade, be a surprise and a pleasure to the happy owner.

The herbaceous peony is useful for nearly every position in the garden—bed, border, drive, terrace, wild garden; and it vies with the rhododendron in value for producing large masses of color in parks and shrubberies, whilst it is never necessary to supply a made soil for peonies, as is often the case with rhododendrons. As long as they obtain some small amount of light they are happy in sheltered and shady positions where few things will even exist; and in exposed situations, although gales will have their way with peony blossoms as with other things more substantial, no ill happens to the plants themselves.

The best kinds and the most delicately colored varieties are deliciously scented; though more elusive and subtle, the perfume is similar to that of tea roses. The foliage of all the kinds is exceedingly attractive early in the year, when the crimson spears break up the brown earth, and in early autumn the leaves and stems of the majority reflect the charming hues of the moribund Virginian creeper; at this season they are useful for room and table decoration and

harvest festivals. It is well to take advantage of the opportunity which the beauty of the young stems affords by planting early daffodils such as the Tenby, the Lent lily and the double daffodil, amongst the peonies; the contrasts of carmine-lake and gold and the harmonies in the silvery green foliage of the daffodils afford an admirable effect. Amongst other effective bulbs for planting with them are lilies of many sorts and large flowered gladioli.

JAMES KELWAY.

Destroying Plant Lice.

The Practical Counselor for Fruit and Garden Culture, of Frankfort, recently offered a prize for the best method of destroying plant lice, for which fifty-eight persons competed. The prize was awarded to the author of the following preparation: Quassia wood $2\frac{1}{2}$ pounds, to be soaked over night in 10 quarts of water and well boiled, then strained through a cloth, and placed, with 100 quarts of water, in a petroleum barrel, with 5 pounds of soft soap. The mixture is then ready for sprinkling on plants infested with lice. Leaves, even those of peach trees, will not be injured in the least by the solution, which can be kept covered in the barrel from spring to fall without deterioration. As soon as lice appear the leaves should be sprinkled with the solution. If this is repeated several times the pests will disappear.—Richard Guenther, Consul-General, Frankfort, Germany, May 27, 1905.

Plant Notes.

Crimson Rambler rose in full bloom in the San Francisco section of California May 25 is little used in the southern part of the state.

Lilium candidum succeeds well everywhere in California.

LAKE ODESSA, MICH.—C. L. Vincent, formerly of Vincent Brothers, of Ionia, Mich., and G. P. Gossett, of Grand Rapids, Mich., have started in business here under the style of The Lake Odessa Vegetable and Floral Company, and are building two new houses, 20x100 feet each, with boiler shed, 20x30 feet.

LUDINGTON, MICH.—William Gregory and Mrs. Gregory sailed July 6 for a two months' tour in England.



VIEW AT THE CONVENTION CITY, WASHINGTON, D. C.

(Gude & Brother's prize-winner at the Chevy Chase Horse Show in the foreground.)

THE RETAIL TRADE

ONE of the best floral pieces we have seen for some considerable time was a bunch of Bride roses with purple stocks at the base put up by Hauswirth, of Chicago, this week. The stocks were exceedingly fine, and, as a matter of course, they did not lose anything in the hands of that skillful artist.

Medinah Temple Coat of Arms.

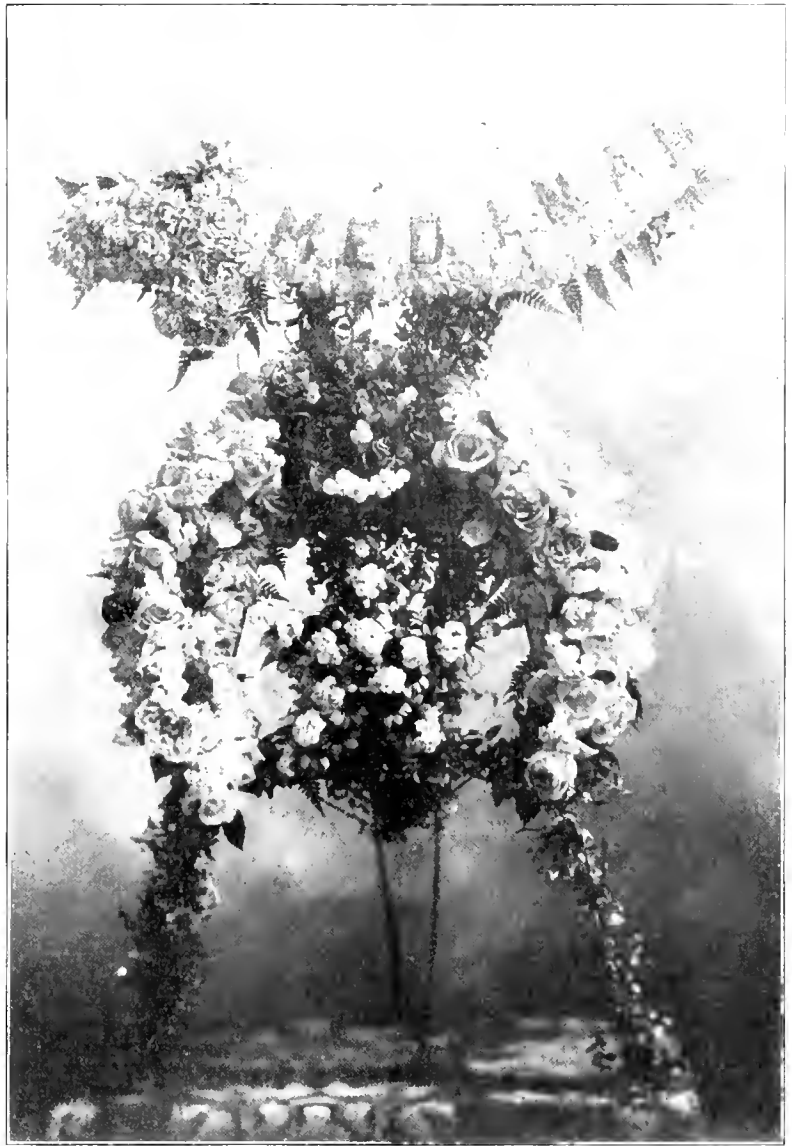
The illustration herewith shows a floral design that was made for Graeme Stewart's funeral last week by the Ogden Floral Company, Chicago. The design represents the coat of arms of the Medinah Temple of the Mystic Shrine. The flowers used were red and yellow roses, lily of the valley and red and white carnations.

Ducklings Attract Attention.

An enterprising florist on Washington street, Chicago, has had a crowd about his show window every day and all day for two weeks watching a family of ducklings which are growing their pin feathers and learning how to swim in a small tank in his window. The tank is banked with moss and the ducklings have a miniature lawn to waddle on. On each side of the tank are vases of cut flowers and back of it are palms. Show cards announcing special prices are placed where the admirers of the ducklings can not help reading them. Whether the ducklings increase the trade of their benefactor is perhaps doubtful, but the chances are that they do. This scheme would not work so well where ducklings are more common of course as it does in Chicago, but florists in fair sized cities should find it a cheap and taking advertising novelty. B.

New York Florists' Club Outing.

It was a jolly party that early assembled at the steamboat wharf, Thirty-first street and East river, on Wednesday, June 28, for the annual outing of the New York Florists' Club. Ten o'clock a. m. was the hour fixed for leaving, but long before that time family parties boarded the Isabel, the steamer which has filled previous charters for the club. Among the earlier arrivals were the Schmutz, from Flatbush, with the veteran, Louis, in command, eleven in all. Long Island poured in its contingent and New York City folks took their time to get into the throng. Patrick O'Mara's arrival, with his contingent of familiar faces, was warmly received, as was also the balance of the Flatbush people, composed of the Dailledouze party, and John Scott party, including the small Scottii. As to who were the latest to arrive history should not record, because, as everyone knows, both elevated and surface cars have a painful habit of getting delayed when time has to be kept. All parties had to pass inspection at the gangway, the familiar table of the growers being established at this point as usual, and those who had not nerve enough to buy tickets prior to sailing time being accommodated with pasteboard and a glad hand, the dinner preparations, as usual, being somewhat upset. Harry Bunyard, J. B. Nugent, Jr., and Alfred H. Langjahr presided over this bureau of inquisition and saw



MEDINAH TEMPLE COAT OF ARMS.

(By the Ogden Floral Co., Chicago.)

that all were provided with badges. Three toots from the whistle and both table and inquisition vanished and the vessel started. The dock was hardly cleared before the sandwich men and dispensers of liquids known to florists started to work and were kept busy for some time. The day's enjoyment had begun. With the orchestra doing full justice to "Tammany," Blackwell's Island was passed, and the delightful sail of twenty-five miles or more commenced. The weather was delightful, the atmosphere as clear as could be wished and the beautiful scenery on either side of the boat was as much enjoyed by those who appreciate such things as the sandwiches and things which the small boys were consuming below stairs with equal vim. Glenwood, the destination, was reached about 1 o'clock, and proved to be a most picturesque place, just as the committee said it would. A short march up the hill from the landing, on which the company turned time and again to view the beautiful vista becoming more and more accentuated behind them, brought all to the hotel, where dinner was immediately served, and, it seemed, hurried through.

"The Sports" evidently were most attractive, and every lady hurried to the grounds. Here three divisions were necessary. Baseball at the extreme, running midway, and bowling at the base. Not convenient, perhaps, from a general point of view, but still everybody made the best of it.

The baseball game was made up on the ship, and both married and single talent seemed to be in plenty. Fred Lentz captained the married team, composed of D. Sullivan, Phil Kessler, R. Irwin, W. Bogart, R. F. Bock, F. Lentz, H. Hoffmeir, P. Richter and Joe Fenrich. The bachelor team comprised Alex Donaldson, J. Curry, Joe Vocke, J. A. Manda, L. Klein, S. Smith, J. Smith, Betts and O'Hara. The game was exciting. D. Sullivan made the only home run, but without this the married men had the best of it—22 to 8.

Of course, certain of the other events were more interesting than others. The 100-yard race for the rubber coat was one of them. The line of entry was long, and all candidates needed the coat—if it could be got easily. The number left at the post, however, proved that the real necessity was confined to a few, and

Alex. J. Guttman, after a hard run, was the victor.

The throwing of the 50-pound weight was quite an event. J. B. Nugent, Jr., the donator of the prize was himself a contestant, but withdrew with a score which would have made him victor. H. H. Lorenz won out in this event.

The race for married men over fifty occasioned some merriment. The claimants of juvenility were abundant. Honesty prevailed, however, to an extent, and J. K. Allen, J. A. Shaw, S. Burns and J. G. Esler on impeachment entered the race, which was won by Mr. Burns.

The prize offered by "A Friend of the Club" in the special class was a suit of clothes. The race was really a "running lottery." A number of official programmes were scattered around the grounds, and the runners who had each to provide himself with a collector or base of deposition, dashed out from a line and brought in the programmes, one at a time, until all were gathered. One marked programme decided the winner, and Herman Dreyer was the lucky man, bringing in eleven programmes, the ninth of which was the prize-winner.

The prize for the handsomest baby on the boat went to Rose Eberhard Smith, the seven months old daughter of F. Smith, of Woodside. It is probable that the prize, a \$5 gold piece, will become a heirloom in the family.

The races were judged by S. Burns officially. President F. H. Traendly acted as general manager, A. H. Langjahr as starter, and H. A. Bunyard as handicapper. Louis Schmutz, Jr., had charge of the bowling matches.

On the return trip the prizes were distributed to the winners, and visitors who were unfamiliar with the club's outings were simply astonished at the beautiful array of prizes, and the fact that nearly everybody was a prize-winner. Secretary John Young, President Treandly, A. H. Langjahr and H. A. Bunyard were kept busy in the distribution until the tying up of the boat at the home wharf.

There were three or four casualties on the race track, which was on an incline, the worst of which visited Miss Shaw, who seriously injured a knee.

A full list of prize-winners was published in our last issue.

New York.

MARKET SLOW.

The month of June passed with a market fairly good for the time of year, but there was a noticeable falling off in demand on Saturday, the first day of the present month. It is true the weather on that day was stormy, but bad Saturdays as a rule do not cut much of a figure in the general movement of the market. It was the first day of July and the beginning of the annual period of dullness. Monday following brought a slow market, with lots of stock left over; and on Tuesday, the glorious Fourth, business was so light that wholesalers closed up their establishments at a very early hour in the morning. Opening at all was more of an accommodation for retailers than an expectation to do business, as many Twenty-eighth street people requested their growers to defer shipments. Good roses sell freely, but very few are presented. There is much complaint heard in regard to growers' gradings at this season, and, from what is to be seen, not without cause. Specials and fancies are shipped in, meeting all requirements as to stem, but with heads practically rotten. Shipments of this kind really amount to a subsidizing of express companies, as an equivalent to their charges is about all that can be realized. A little new stock is making its appearance, short in stem, of course, but of good quality; and it moves with little effort. American Beauty are plentiful, but in general very much off in color and substance. Killarney stands up pretty well for the season and holds its own. Carnations are very much less plentiful and bring good prices. The blooms are small, as is expected at this time of year, but the flowers are taken freely, and there is no sign of waning in the popularity of this flower. Sweet peas are about at their level, and prices are made entirely on quality. Gladioli are doing fairly well, when of the right color, but the market is not really ready for them yet. Lilies brought a fair

price for the holiday trade, and seemed to be in demand. Six cents was the top price for the best quality. Outside stock continues to arrive in abundance, and goes off at some price or other. Summer orchids are in fair demand and prices are satisfactory to growers. The finest stock brings from 50 cents to 75 cents per flower.

The Market, July 5.—Buying to-day has been unusually limited. The large influx of stock is hard to move. Prices quoted cover only legitimate qualities.

NOTES.

The Thos. Young, Jr., Company is a recent incorporation under the laws of New York state to deal in flowers and plants. The capital is recorded as \$50,000 and the incorporators are William Sausan, Waldorf-Astoria Hotel; John F. Sharkey, 135 West Twenty-sixth street; Eugene McAniney, 155 West Twenty-fifth street, New York. This is the record. As far as the business is concerned it develops that a stock company has been formed to take Mr. Young's retail business and continue it. Mr. Young has embarked in the wholesale business and will give his entire attention to it, at his old number, 43 West Twenty-eighth street, under his own name, Thomas Young. Mr. Young leaves for Europe next week on a much needed vacation, to return early in September to take active part in the new, or, rather, resumed, phase of his business.

A popular topic in trade circles just now is the outing of the Florists' Club, which took place last week. Walter F. Sheridan was unable to join the party owing to a wedding in his family. It is needless to say he was very much missed. The ladies in the party were pleased with the presence of three brides at the gathering—Mrs. Jos. S. Fenrich, Mrs. N. Lecakes and Mrs. Joecke. Miss Shaw, who injured her knee in one of the sporting events, is still confined to her room.

The auction sales have almost ended. Elliott is not making further announcements, and the Clearys are winding up their sales. A noticeable feature in the season's sales has been the absence of palms and decorative stock. This may



OUTING OF THE NEW YORK FLORISTS' CLUB, JUNE 28, 1905.

be accounted for in a small way by an increased offering at the canvas covered plant market. But it is evident that surplus stocks are moved better than before. Advertising is cheap.

The florists' store for some time conducted at Twenty-third street and Sixth avenue by Lambros Mulinos is to be abandoned, the building giving way to the march of progress in the shopping district. Mr. Mulinos will open a new store at 1274 Broadway and will divide his attention between the new store and his store at 301 Columbus avenue.

Charles Koch's daughter, Amelia, was married June 21 to Clarence Brown, and the happy couple left for the west on a honeymoon tour.

Alfred H. Langjahr is receiving some fine pond lilies as usual. Geo. Cotsonas & Company are also receiving large shipments of them from Connecticut sources.

James McManus is receiving some fine *Cattleya gigas* from the Moore greenhouses, the output of which establishment is not to be beaten in this country.

A. L. Young & Company, the Twenty-eighth street commission firm, are receiving regular shipments of *Adiantum Croweanum*.

Schneider & Noe, of Congers, are building a new house, 200 feet long, Lord & Burnham construction, with steam heat.

J. M. Keller is traveling in Germany, has last address, Hotel Kaiserhof, Werdungen, Germany.

Four p. m. is the hour for closing named by the wholesalers for the summer months.

Chicago.

A SUMMER MARKET.

The market for the past week has been very quiet and has not shown much change from the preceding week. The prevailing quiet is seasonal and expected, and there is not much to be said regarding it. Roses continue at about the same prices, \$1.50 to \$6, a few of fancy quality bringing \$8. American Beauties are poor. Some of the new stock, mostly short stemmed, is being received. The receipts of and demand for carnations are light, and stock is fair for the season. Good lily of the valley has been scarce and is bringing \$4. Sweet peas are received in large quantities. Some are very good and many of poor grade are received to be thrown away, prices ranging from 50 cents down to the lowest. The sale on green goods has kept up well. Last year at this time marguerites and Shasta daisies had a good sale at good prices, but now there are large quantities of daisies, coreopsis, etc., which are having a very indifferent sale.

SPECIAL MEETING OF FLORISTS' CLUB.

A special meeting of the Florists' Club was held at the Bismarck restaurant June 30. About forty sat down to the supper provided, Chairman Benthey, of the board of trustees, presiding. After justice had been done to the Bismarck viands, Chairman Benthey called on E. F. Winterson, manager of the bowling team throughout the tryout games, who promised that the team would certainly do its best at Washington, and saw no reason at this time for bidding farewell to the two cups which must be won again this year to become the property of the club. The bowling trophies were displayed in fine style.

P. J. Hauswirth, for the transportation committee, explained that it had been expected to make a final report on this occasion, but owing to some complications in joining the western delegation via Indianapolis and Cincinnati, a little further time would be necessary. The club members would be duly advised of final arrangements. To get an approximate idea regarding the attendance, Mr. Hauswirth took a poll of those present, and out of forty members thirty-one reservations were asked for. Based on this proportion the convention attendance from Chicago will break the record.

P. J. Foley congratulated the club on the good fellowship occasioned by such gatherings and said the entertainment committee would do well to have more. Mr. Foley referred with some feeling to Springfield legislation in the course of his remarks.

J. C. Vaughan gave an outline of his southern and western trip, particularly describing local conditions among the trade in Los Angeles and San Francisco, for which he was given a vote of thanks.

Songs by the club quartet and "Illinois," by Frank Carter, enlivened and closed the meeting.

NOTES.

A delegation of six or eight from the Chicago Florist Club went to Milwaukee Wednesday night to attend a meeting of the Milwaukee club. In the party were P. J. Hauswirth, George Asmus, Leonard Kill, Ed. F. Winterson and J. C. Vaughan.

John A. Degnan has finally received the bowling ball which he won at St. Louis last year. It is a handsome 16½-pounder. Look out for the scores henceforth.

Harry Manheim, of Budlong's, is spending his vacation at Watertown, Wis. Henry Dent of the same firm has enjoyed a week's outing at De Kalb, Ill.

The Forty-third street store of J. F. Kidwell & Brother was entered by robbers on the night of July 3 and change to the amount of about \$45 was taken.

J. L. Dillon, of Bloomsburg, Pa., was here July 1, enroute to New Mexico, where he expects to spend about three weeks looking after mining interests.

Frank Beu has finished planting his new section of three houses with chrysanthemums. He is remodeling two houses and will install a steam boiler.

The meeting of the Chicago Wholesale Florists' Association, scheduled for July 5, was postponed, and will be held July 12, at E. C. Amling's.

Edward Aschmann, son of Godfrey Aschmann, the well known plant grower of Philadelphia, Pa., is spending a vacation in this vicinity.

J. P. Degnan, of the new Chicago Rose Company, says they expect to have their houses finished and planted by July 15.

T. B. Boutler, Highland Park, was held up the night of July 2 while returning to his home and badly injured.

Percy Jones is receiving some fine Late Red peonies which are moving well at three bunches for \$1.

J. B. Deamud is spending several days with his family in Michigan.

All the wholesale florists closed their stores at noon July 4.

George Wienhoeber left June 29 on an eastern trip.

Visitors: S. Wachenheim, Vicksburg, Miss.; O. M. Morris, Los Angeles, Cal.

Philadelphia.

QUALITY FALLING.

The glorious fourth is the one holiday that is really a day of rest for the florist, and most of the stores were closed from noon, and many from the opening of the morning mail. There is nothing doing in the cut flower line worth mentioning. Carnations are almost out of it; sweet peas are showing that they are on the wane; good roses are scarce, as with the exception of Kaiserin, a few Carnot and some out-of-town Bridesmaid and American Beauty, it is hard to find salable stock.

NOTES.

H. H. Battles has added the store at 110 South Twelfth street, which immediately adjoins his old established stand. The dividing wall has been taken away and the two rooms are now one, making a space 20x40. For years Mr. Battles has carried on his rapidly increasing business in about the smallest store in town, only 20x20 feet, until he almost forced his way into the next property. Two years ago he opened the Century Flower Shop to handle flowers at popular prices. Special emphasis is laid on low prices. We claim to be the lowest priced flower in town is the motto of the store. A large business has been worked up here, and although the building is next door but one to the old stand, it is claimed that the patronage is entirely of the kind desired and aimed for, and does not interfere in the least with the high class trade of the other store, which continues to grow apace. In the large office room over the Century shop there is a fine display of cut glass and silver vases of special design made especially to Mr. Battles' order. There is also a full sized dinner table, furnished with linen, lamps, all the necessary china and other furnishings, to which flowers are added to bring out any effect desired. Such a demonstration as this must be satisfying to particular customers and shows the perfection of the Battles system. K.

LODA, ILL.—An extensive addition is being made to the greenhouses of Addems & Morgan, of this city.

HARTFORD, CONN.—The executive committee of the American Rose Society was entertained June 19 by the Hartford Florists' Club.

OTTAWA, ILL.—Mrs. F. J. King has moved her flower store from Madison street to the Colwell block on La Salle street, where she will conduct her business as usual.

BOWLING GREEN, KY.—G. B. Moulder, for the past three years florist for the L. & N. railroad, has accepted the floral and park superintendency for the Illinois Central railroad, with headquarters in Chicago.

LOS ANGELES, CAL.—The Southern California Horticultural Association announces its first annual exhibition, to be held in Blanchard hall, November 2 and 3. For further particulars address Ernest Brauntorn, secretary, 203 New High street, Los Angeles.

SALT LAKE CITY, UTAH.—E. Child, for the past five years in the employ of C. Cramer, has purchased the latter's store and fixtures and will continue the business at 178 Main street, under the style of the Child Floral Company. Numerous friends in the trade wish Mr. Child every success in his new venture.

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ANOTHER addition to the rapidly extending list of elaborate gardening journals makes its bow this month in American Homes and Gardens, formerly issued as the Scientific American Building Monthly. It is an attractive monthly, covering the field of its title in a way peculiarly its own and published by Munn & Company, 361 Broadway, New York.

Convention Notes.

Pittsburg, Pa.—State Vice President Burki reports prospects good for a strong delegation to Washington from this vicinity.

San Francisco, Cal.—State Vice President Plath writes that there is a half rate excursion leaving San Francisco for the east July 24. This train will enable coast visitors to see Philadelphia and New York by convention dates and take in the latter on their return trip.

Society of American Florists.

The Southwestern Excursion Bureau announces a round trip rate of one and one-third fare to the convention at Washington in co-operation with the other railroad passenger committees who have made similar announcements. The territory under the jurisdiction of this bureau includes southern Missouri, southeastern Kansas, Arkansas, Oklahoma, Indian Territory and Texas.

WM. J. STEWART, Sec'y.

Meetings Next Week.

Baltimore, Md.—Gardeners' Club of Baltimore, Royal Arcanum Building, 18 West Saratoga street, July 10, at 8 p. m.

Buffalo, N. Y.—Buffalo Florists' Club, 383 Ellicott street, July 11, at 8 p. m.

Butte, Mont.—Montana Florists' Club, Columbia Gardens, July 14.

Chicago, Ill.—Chicago Florists' Club, Handel Hall, 40 Randolph street, July 13, at 8 p. m.

Cleveland, O.—Cleveland Florists' Club, Progress Hall, 244 Detroit street, July 10, at 7:30 p. m.

Davenport, Ia.—Tri-City Florists' Club, July 13.

Denver, Colo.—Denver Floral Club, 323 Charles Block, July 14, at 8 p. m.

Hartford, Conn.—Hartford Florists' Club, July 14, at 8 p. m.

Lake Geneva, Wis.—The Lake Geneva Gardeners' and Foremen's Association, rooms of the Lake Geneva News, July 15 at 8 p. m.

Madison, N. J.—Morris County Gardeners' and Florists' Society, Masonic hall, July 12, at 7:30 p. m.

New Bedford, Mass.—New Bedford Florists' Club, July 13.

New London, Conn.—New London County Horticultural Society, Elks' Hall, July 12.

New York, N. Y.—New York Florists' Club, Grand Opera House Building, Eighth avenue and Twenty-third street, July 10, at 7:30 p. m.

New York, N. Y.—Horticultural Society of New York, American Institute rooms, July 12, at 8 p. m.

Omaha, Neb.—Nebraska Florists' Society, City Hall, July 13, at 8 p. m.

Providence, R. I.—Florists' and Gardeners' Club of Rhode Island, 96 Westminster street, July 13, at 8 p. m.

Salt Lake City, Utah.—Salt Lake Florists' Society, July 14.

San Francisco, Cal.—Pacific Coast Horticultural Society, July 15.

St. Louis, Mo.—St. Louis Florists' Club, Odd Fellows' Hall No. 2, July 13, at 2 p. m.

Decorah, Ia.—The Perry Florists' Association, at President W. T. Symonds', July—date not fixed.

St. Louis.

CONDITIONS DULL.

The market this week has been very dull and the wholesalers complain of the quality of the stock that comes in. The latter part of this week the rains caused sweet peas to have a new lease of life and a considerable quantity was in the market Sunday with but little prospects of moving to any extent. Roses are very poor and are soft and small. A few good Kaiserin were in the market and brought 5 to 6 cents. American Beauty are coming, a great many wide open, and their lasting qualities are very much shortened. A few gladioli and

single tuberoses are in the market; a few outdoor carnations are also in.

NOTES.

From last reports F. C. Weber and Theodore Miller are in the best of health, enjoying their trip to Europe immensely. They expect to be home to attend the S. A. F. convention.

Ed Buchel, of the Riessen Floral Company, has just returned from Cincinnati. He also visited Indianapolis and says he saw some extra fine flowers in these cities.

Alex Waldbart's store and greenhouses are in first class shape. He is growing quite a few palms, ferns and chrysanthemums for fall trade.

J. F. Windt has some fine Boston ferns in his greenhouses. He is raising them all sizes and expects to realize handsomely on them.

Grimm & Gorley have some fine imported metal and fancy designs in their store at 517 Olive street.

It is expected that quite a few florists from St. Louis and vicinity will go to Washington next month.

Boston.

The market has held up very well this week, owing to a shortage of both roses and carnations, caused by the continued wet weather, and by many of the greenhouse owners taking out their old stock in preparation for next fall's business. While the supply has been rather short and the selling has been brisk, there has been, however, but little increase in the prices obtainable. The retail trade report an exceptionally good week, the demands for flowers for class day exercises and for the graduation exercises of the lower grade schools having caused a heavy demand for cut flowers. There seems to be an epidemic of marriages among the florists, three being reported this week, with rumors of others to follow in the near future. John J. Cassidy, one of Doyle's most popular salesmen, was married June 29, to Miss Margaret G. Mitchell, of Dorchester. Frank J. Dolansky, one of the most popular growers in that vicinity, was married June 28 to Miss Mary E. Power, of Lynn, and Clinton Gibbs, of the well known retail firm of Gibbs Brothers, of Lynn, was married June 29 to Miss Rhodes.

NOTES.

Mr. Snider, who has been working for Mrs. Fisher, of Woburn, for the past few months, has bought a 60-acre place in Woburn, where he will start in business under the name of Snider & Company. He will erect greenhouses containing about 20,000 feet of glass to be devoted chiefly to the cultivation of azaleas and bulb stock.

John Walsh, the genial manager of the Boston Flower Market, will go on his vacation next week. He purposes taking a trip to St. Johns and Fredericton, N. B. George Cartwright will occupy his place during his absence.

E. Winkler, formerly carnation grower for Backer & Company, has bought a 5-acre establishment in Wakefield, where he will raise carnations and violets.

William T. Henderson of Galvin's Tremont street store, is to sail for Europe on July 8 for a vacation trip.

J. A. Pettigrew, superintendent of parks, will sail for Europe July 12.

H. P. S.

OBITUARY.

Jules Seyller.

Jules Seyller, a German florist, died at the St. Joseph hospital, Kansas City, Mo., June 23, aged twenty-eight years. He was stricken with typhoid fever June 15. Search was made for his relatives, but as none could be found, he was buried by G. M. Kellogg, at Pleasant Hill, Mo., in whose employ the deceased had been until the date of his illness. Burial took place June 25 and was attended by his fellow employees—by whom, and his employer, he was held in high regard—who left a number of floral offerings to mark his grave. Letters have been forwarded to Germany in the hope that they may reach his parents. A brother was recently employed by J. F. Klimmer, Oak Park, Ill. Persons having any information regarding his relatives will confer a great favor by forwarding same to G. M. Kellogg, Pleasant Hill, Mo.

TERRE HAUTE, IND.—The youngest member of the firm of Cowan Brothers died June 20 very suddenly at dinner, aged thirty-two years. He had previously been enjoying very good health.

PROVIDENCE, R. I.—Matthew Macnair reports a very good graduation business, something in excess of last year's trade. Flowers were only average in quality, but brought good prices, roses selling at 2 to 6 cents and carnations \$1 to \$2 per 100 wholesale.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1905 is entitled to a five-line WANT ADV. (situations only) free, to be used at any time during the year.

Situation Wanted—By a good grower to take charge. Box 359, care American Florist.

Situation Wanted—As gardener; German, married, one child; 19 years' experience. All references. Box 345, American Florist.

Situation Wanted—By grower and florist in large retail place; 22 years' practical experience in the trade. Address Box 363, care American Florist.

Situation Wanted—As foreman, rose, carnation and general cut flower grower; Chicago or west preferred; All references. Address Box 327, care American Florist.

Situation Wanted—By English gardener, single, age 26 years; experienced in all first-class gardenlug. First-class references. Address GEORGE BROWN, Earoscliffe, Ottawa, Canada.

Situation Wanted—By practical grower, competent in every branch of the business, a position in the southwest; age 28; steady and sober. Best of references, GEO. A. LINFOOT, Butler, Pa.

Situation Wanted—Young man, age 23 years, wants position in greenhouse to gain some practical knowledge of the business. Willing to work at low salary to start. Address Box 324, care American Florist.

Situation Wanted—As assistant on a first-class private place by a young Danish man, age 23; experienced in general greenhouse work and vegetables. Best of references. Address Box 348, care American Florist.

Situation Wanted—By an all-around gardener and florist, married; capable of taking charge of a private or reliable commercial place; good rose, carnation and 'mum grower. Address 66 P. O. Virginia Beach, Virginia.

Situation Wanted—As foreman or grower, roses, carnations and general stock; able to take entire charge if wanted; have had charge of sections for the past 15 years. O. K. references. Box 362, care American Florist.

Situation Wanted—Practical florist manager of store; decorating design work a specialty; grower of fine roses, carnations, 'mums and general stock. Address Florist, 47 Miami Ave., Detroit, Mich.

Situation Wanted—By July 20, 1905, by an up-to-date grower of roses, carnations, 'mums and all kinds of first-class greenhouse stock; can take charge. Good wages without board. Chicago references. Box 349, care American Florist.

Situation Wanted—In middle west, as working foreman, on place where roses, carnations, chrysanthemums and pot plants are grown by married man, age 32, with good references. Now employed but wants to make a change. Address Box 357, care American Florist.

Situation Wanted—By a middle aged, single man, as working foreman; first-class grower of roses, carnations, 'mums and general line of pot plants, bulbs and bedding stock. Good references given. Please state wages. Address Box 361, care American Florist.

Help Wanted—Three helpers in rose houses; steady position. Address J. F. WILCOX, Council Bluffs, Ia.

Help Wanted—Young man for general greenhouse work. State wages wanted and experience. GEO. BISCHOPP, Ann Arbor, Mich.

Help Wanted—Competent man for greenhouse and store. H. F. HALLE, 548 W. Madison St., Chicago.

Help Wanted—Two assistant rose growers for large commercial place. Must have experience. THE GASSER Co., Euclid Ave., Cleveland, Ohio.

Help Wanted—At once, competent man for general greenhouse work. References required. Address J. A. BISSINGER, Lansing, Mich.

Help Wanted—Experienced man as section foreman, roses and carnations; married man, \$15 per week to man that can come recommended. Box 355, care American Florist.

Help Wanted—Three good growers to work under foreman; steady work and good pay to right parties. Address G. M. KELLOGG, Pleasant Hill, Mo.

Help Wanted—Young man with some experience in greenhouse work. State wages expected with board and room. Address GASKILL'S GREENHOUSES, Warren, Ohio.

Help Wanted—Single man with practical experience in bedding and blooming plants. Give references, age, and wages wanted without board, in first letter. Address FUEHLBRUEGGE BROS., Winona, Minn.

Help Wanted—Thoroughly experienced rose grower to take entire charge of rose section and be responsible for results. Must furnish A No. 1 references. State salary wanted. THE GASSER Co., Euclid Ave., Cleveland, Ohio.

Help Wanted—General greenhouse man for old established plant in South Haven, Mich.; wages \$25.00 per month and board. Permanent position and chance for advancement to right party. Apply to E. F. WINTERSON Co., 45 Wabash Ave., Chicago.

Help Wanted—By July 15 or later, competent, reliable foreman for three greenhouses; 10,000 feet of glass; must be a man with unquestionable character and ability, and who is well versed in growing carnations, roses and general lines of plants; also capable of helping in floral work and filling plant orders; percentage paid on total receipts preferred, or wages; permanent place for right man; one who speaks German preferred. For particulars address with references CHARLES OTTO HORN, Grandon Greenhouse, Helena, Montana.

Wanted to Rent—Some greenhouses in good condition in or around Chicago. Address Box 360, care American Florist.

Wanted to Rent or Buy—A good retail place of 6,000 or 12,000 feet of glass. Send full particulars to Box 356, care American Florist.

For Sale—Ten greenhouses, dwelling house and barn, in good order, at Chicago. Address Box 353, care American Florist.

For Sale—4-inch cast iron pipe at 60 per foot. One Kroschell boiler, extra large size, cost over \$500 for \$150. Address HELLER BROS., New Castle, Ind.

For Sale—Three steam radiators, each containing 350 feet of inch pipe in good condition. 5 feet long, 30 inches high 15 inches wide. \$9.00 each. Cash. J. A. ERNSBERGER, Decatur, Ill.

For Sale—Greenhouses and land; a good opportunity for anyone wanting about 5,000 feet of glass; convenient, well located, city water. For full particulars address Box 842, Marion, Iowa.

For Sale—We have a number of 4 and 6-inch hot water gate valves in good condition, which we will sell at half price. Address THE GEO. WITTBOLD Co., 1657 Buckingham Place, Chicago.

For Sale or Rent—Between 25,000 and 30,000 feet of glass, well stocked and equipped, near Chicago, only responsible parties need apply; for further particulars, address GEO. HARRER, Morton Grove, Ill.

For Sale—A nine room dwelling, three greenhouses and cold frames, in university town of 6,000. Greenhouses well stocked; good trade. A death the cause of sale. For particulars address L. G. ROLLSTON, Fayetteville, Ark.

For Sale—A good florist business in a western city of 60,000 can be purchased at a great sacrifice. Well established trade and prospects for future bright. Is worth \$1,700, but will dispose of business for \$700 cash. Ill health cause of disposition of business. Box 217, care American Florist.

For Rent—At Frederick, Md., greenhouses 18x63, 12x102, 20x162, boiler room 18x60 equipped with a No. 8 Furman boiler, and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure, labor cheap, city water; no stock on hand. Rent \$300 per annum, half payable in advance every six months. Ill health of owner compelled retirement from successful business; principally vegetables under glass and mushrooms for Washington and New York. HENRY TRAIL, Frederick, Md.

For Sale or Lease—With privilege of buying, \$2,000 or \$3,000 down, or security for rent and stock. The Butler Nursery in Chillicothe, Ohio; all retail trade, which is good for miles around city. Two houses, 17x75; one house, 11x85; one house, 23x54; two houses, 17x54; two houses, 11x54; two houses, 12x54. Whole cost \$12,000.00 (and all in center of city; Good trade.) Frames heated; one lean-to, 100 feet; all built within four years; cypress wood; Furman boiler; gas for fuel. Will easily make \$100.00 per week sales the year around. Houses planted to good stock; roses, carnations, 'mums. Plenty of stock on place. No repairs needed. Splendid office and pottery sheds. Wagons and horse go with it. Immediate possession. Investigation solicited. Rent for \$55.00 per month, including cottage, with gas, water and electric light all over the place, four telephones, two call bells, system complete, and splendid chance for party with little money. Will sell for \$8,000.00 on time, or lease for \$55.00 per month, one year rent in advance, and security for rent and stock to be left at end of five years. All floral designs, ribbons, pots, stock, teams, wagons, etc., go with the place to responsible party that means business. Apply to WALTER BUTLER, Chillicothe, Ohio.

INVESTMENT WANTED.

Hollander, whose business brings him to the States, desires to invest substantial amount not exceeding 30,000 to 40,000 guilders, in first-class horticultural business, where he can be of service in buying Dutch bulbs and other similar products in Europe. Only first-class houses need apply. Address giving particulars and appointing interview, Box 347, care American Florist.

MY 60 ACRES GARDEN FARM.

Located in the central part of Minnesota, 3 miles from a lively, growing and industrious town, is, on account of ill health and advanced years, for sale. It can be bought right off, with the whole crop on it, and if preferred, with everything belonging to it: horses, cows, wagons, carriage, tools, implements, furniture, etc. A fine opportunity for a young couple, especially for a man who is perfect in hotbed raising. No debt, no mortgages on it. For particulars write in English, German or Scandinavian language direct to the owner. C. A. SORENSON, Little Falls, Minn.

NOTICE

—OF—

STOCKHOLDERS' MEETING.

CHICAGO, July 8, 1905.

Stockholders of the American Florist Company:

You are hereby notified that the annual meeting of the Stockholders of the American Florist Company will be held in the Ebbitt House, Washington, D. C., Wednesday, August 16, 1905, at 3 o'clock P. M., for the purpose of electing directors and officers for the ensuing term, and for the transaction of such other business as may come before the meeting.

J. C. VAUGHAN, Pres.
M. BARKER, Sec'y.

EXHIBITIONS.

Massachusetts Horticultural Society.

The garden committee visited the peony garden of Dr. Charles S. Minot of Milton, June 15, and examined his 260 specimens of peonies, the greater part of which were in bloom. He has probably the finest private collection in this state. Among the most noteworthy specimens on exhibition was the *Triomphe de l'Exposition de Lille*, which is of a light pink shade. It is a most profuse bloomer and was, in the opinion of the committee, the most attractive peony in the exhibit. Among other fine varieties were noted Charles Sedgewick Minot, Hebes Cup, both of these being pink; Delachii, a deep crimson; Eclatante, red; Rubra, magenta; Crystal Queen and Apple Blossom, both Japanese varieties, and the old favorite Festiva Maxima variety. Scattered about the estate were many varieties of rare and but little known plants.

ROSE AND STRAWBERRY SHOW.

The annual rose and strawberry exhibition was held June 24-25. The large hall was entirely filled with the exhibit of roses, the display offered by M. H. Walsh, of Wood's Hole, being the most conspicuous, his pots of climbing roses attracting as much attention as they did at the early spring exhibition. Among the other exhibitors of roses were Mrs. John L. Gardner, of Brookline, W. J. Clemson, E. L. Lewis, Mrs. E. M. Gill, Mrs. Henry L. Foote. One of the features of the exhibition was a bunch of damask roses, exhibited by Mrs. S. E. Brainerd, of Dorchester, the bush from which they were cut being over 100 years old.

In addition to the display of roses there were on exhibition aquatics from the Harvard Botanical Gardens, Robert Cameron, superintendent, and from Henry A. Dreer, of Philadelphia, Pa.; native plants exhibited by Mrs. Arthur A. Clark, of Weymouth, and Miss Isabelle C. Shattuck; peonies by E. J. Shaylor, of Weston, and T. C. Thurlow, of Newburyport, and salvia by J. W. Howard. H. P. S.

Newport Horticultural Society.

ROSE AND STRAWBERRY SHOW.

The annual rose and strawberry show of the Newport Horticultural Society was held in the Casino, June 27 to 29, and proved an unqualified success. Great interest is manifested in these exhibitions by the proprietors of the large estates in this vicinity, who offer many valuable special prizes. On entering the grounds the visitor obtained the first view of the decorations, which were very effective. For the best gateway decoration arranged to show one side of the gateway in a space of 8x12 feet, coniferous plants excluded, the cup went to Andrew S. Meikle, gardener to Mrs. W. S. Wells. He used Japanese maples and Golden box, edged with English ivy. Bruce Butterton, gardener to E. J. Berwin, was second, using boxwood and hardy ferns intermingled, edged with *Euonymus radicans*, green and variegated. Andrew Christensen, gardener to Miss Fannie Foster, was third with an attractive low arrangement of yuccas and *Aucuba Japonica*, edged with English ivy. These gateway decorations were arranged on the piazza of the building.

The outdoor roses were much better than last year, the following varieties being especially fine: Mme. Gabriel Linzet, Mrs. J. Sherman Crawford, Mrs. John Laing, General Jacqueminot, Margaret Dickson, John Hopper and Ulrich Brunner. It is noticeable that every year these old favorites steadily gain in favor. On account of the cold season the strawberries were past their best with many of the usual exhibitors, and not many were shown.

Entering the main building we find the groups of palms, ferns and flowering plants in which Andrew S. Meikle was again winner, his group containing some nice examples of the Baby Rambler rose and *Nicotiana Sandera* among other well grown foliage and flowering plants. Colin Robertson, gardener to Mrs. Robert Golet, was awarded second prize in this class for an excellent display.

Andrew S. Meikle secured first prize for the best table, 3x9 feet, of foliage plants serviceable for table decoration, staging *Adiantum Farleyense*, *Araucaria excelsa*, *Phoenix Robellinii*, *Dracena Godseffiana*, *Maranta Veitchii*, *Adiantum cuneatum*, *Caladium Baron De Marner* and other choice things. Charles D. Stark, gardener to Mrs. George W. Collord, was second,

and Joseph Boyd, gardener to Mrs. William Astor, third.

David McIntosh, gardener to Mrs. C. M. Bell, showed an interesting group of seedling dracaenas and was given a special prize.

Henry A. Dreer, Philadelphia, Pa., secured a silver medal for an excellent exhibit of aquatics.

William G. Postings, gardener to Mrs. Winthrop Chanler, showed a *Campanula rosea*, very fine, in tub.

Paul Volquardson, gardener to Mrs. William G. Weld, secured a special prize for an exhibit of Frau Carl Druschki roses grown outdoors.

Lager & Hurrell, Summit, N. J., made an excellent display of orchids, for which they received honorable mention.

Julius Roehrs, of Rutherford, N. J., made an attractive display, including some Rex begonias of much merit, especially the varieties, Our Queen and Mrs. Moore. This exhibit secured a first-class certificate of merit.

The visitors included S. G. Harris, Tarrytown, N. Y.; Thomas Knight, representing Julius Roehrs, Rutherford, N. J.; George F. Struck, representing Lager & Hurrell, Summit, N. J.; James T. Scott, representing F. R. Pierson Company, Tarrytown-on-Hudson, N. Y.; John S. Hay, representing Henry A. Dreer, Philadelphia, Pa., and Victor Morgan, representing Bobbink & Atkins, Rutherford, N. J.

The judges were all Newport head gardeners, namely, John P. Hammond, Andrew J. Pow and Paul Volquardson, N.

European Horticulture.

(FROM BRITISH TRADE PAPERS.)

The Oldest Bouquet on Earth.—There has been placed in the museum at Cairo, Egypt, a nosegay or bunch of flowers found in the coffin of a mummy, in which flowers of corydalis, poppies, pomegranate, chrysanthemum, etc., are plainly discernible.

Allium Zebdanense.—During recent years the Neapolitan allium has become very popular for forcing purposes in order to supply cut flowers. That under notice is a more recent acquisition hailing from Syria and Armenia. The white flowers are bell-shaped, less expanded than those of the Neapolitan species, but come into bloom during the latter part of April and continue during the first portion of May. These flowers are obtainable much earlier than those of the Neapolitan species when grown in the open border, and as the flowers are borne on long stems they offer facilities for placing the flowers in vases.

High-Priced Onions.—For some time past onions have been selling at three times the usual price, and again the supply was worked out, with the prospect of still higher prices for the remainder. At last a ship for some time promised arrived at Millwall docks, where many men were standing with wet eyes waiting

for her arrival. We are not told whether the wet eyes were caused by the well-known odor of the onions, but we are told that the men could smell them. As soon as a portion of the cargo was landed it sold at the rate of 15 shillings to 17 shillings for a bag of 112 pounds, the usual price being 5 shillings. That ship when unloaded proved to contain 9,100 sacks, and we presume there will be many wet eyes before they are consumed.

A Striped Auricula.—In all its florist types the Auricula is infinitely variable from seed, but I believe that directly from the plant itself a sport is of very rare occurrence. A decided example of this, however, could be seen at the London show of the National Auricula Society, April 25. The plant was brought by my old friend, Mr. Ben Simonite, of Sheffield, and is a sport, with stripes of crimson and gold, from a bright red seedling of mine—Firefly. This variety has proved very amusing as well as interesting. Some plants of it are constant to the original parental red color; others have sported into pure lemon yellow; others, again, into a deeper yellow, with a suffusion of red, like the sunny side of a ripe apricot. Very occasionally I have seen a striped flower or two in a head of plain yellow ones. I have never known the yellow sports revert to the original red, nor the striped ones pass back into plain red or yellow. It is, however, open to a striped break to produce an offset that shall not be striped, a contingency much to be deplored, because the rich crimson and gold variation is so far the rarest. In habit of foliage, Firefly is densely mealed, and so are all the sports of it, except the striped one. In this the foliage has a most significant distinction, always to be relied upon. It consists in streaks or patches of pure green upon the otherwise white-mealed leaves.

Geraniums in Market.—At the present time the well-flowered plants of zonal geraniums in 4½-inch pots are very showy. We now have a number of varieties. F. V. Raspail and the improved form of it are the most conspicuous. Some growers who grow for bloom during the winter leave off gathering when other flowers are more plentiful, and when the plants are well in bloom bring them to market. These are showy and larger than those grown expressly for spring trade. King of Denmark (syn. Beante Poitevine) is still a favorite; some well-flowered plants of Mrs. Lawrence (the new salmon which was so well shown at Holland House last year); Hermoine is still a favorite white; and Ville de Poitiers a good light scarlet. Of singles Hall Caine is fine, King Edward VII., Mrs. Chas. Pearson, and several other newer sorts are seen. Among ivy-leaved varieties we only have Mme. Crousse and Galilee at present. These useful sorts are represented by well-flowered plants, and they are now in demand for decorative work as well as for the garden and window boxes.



FIRST PRIZE GROUP OF PLANTS AT THE NEWPORT SHOW.

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Use our **Laurel Festooning** for your June Decorations. It gives the best satisfaction of any decorative green at this time of the year. Sample lot on application. We make it daily, gathered fresh from the woods. Hand made, full sizes, 4c, 5c and 6c per yard. Once used, always used. **Branch Laurel**, 35c per large bundle. **Princess Pine**, by the pound or made into festooning when desired.

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We also carry a full line of Florists' Supplies such as Tin Foil, Cut Wire, Corrugated Boxes, all sizes, Folding Boxes, Ribbons, all sizes and colors, All Kinds of Letters, Wire Designs, Cycas Leaves, Etc., Etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

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Newport, R. I.

PEONIES IN GOOD DEMAND.

Since the wet weather of a week ago, when the long drought was broken, it has continued cloudy, foggy and rainy; the ground is now in good condition for plant growth and things will jump if the real hot summer days so much needed only come. Each succeeding year brings our summer visitors earlier, and already Newport's season is well started. There is every indication that it will be a good one. Our florists have made elaborate preparations. The only thing that will make business had for floral decorations of every description is unseasonable weather. Trees look fine and shrubbery is elegant. This week peonies hold the market and some splendid flowers have been on sale at \$1 to \$2 per dozen.

NOTES.

Several gardeners are doing a good business taking care of the yards and grounds of the smaller places where no regular help is employed. The charge by the day is \$2.50, all tools being furnished. The price for a season's care varies from \$15 to \$50, according to the work required.

In every part of the city repeated complaints are made that the flower gardens are being despoiled. In several cases the plants were stolen the same day they were set out; a severe example seems necessary to stop this nuisance.

Specimen ferns are largely used for decoration for all social functions here. Especially have Adiantum Farleyense plants been used for this purpose, so much so that there is a market shortage here of these plants.

Every day that passes increases the interest in the coming rose and strawberry show. This year, owing to the cold spring, the date for the exhibition was set a week later than usual (June 27-29.)

The hardy rhododendrons, at The Elms, the beautiful estate of E. J. Berwind, are in bloom. Bruce Butterton, the head gardener, has done well with them.

For two seasons the general crop of strawberries has been a very poor one in this part of Rhode Island. This year the prospect is for more than an average crop.

The park commissioners have had the tulips in the park beds about the city taken up and geraniums set in their places for the summer.

Stewart Ritchie brought in the first outdoor grown sweet peas of the season June 14. The variety was the Extra Early Blanche Ferry.

A. J. Richards has been here representing the Stump & Walter Company of New York.

CHARLEROI, PA.—W. R. Maebius has contracted to build six new green-houses this season, each 12 x 100 feet.

ASHTABULA, O.—Mrs. S. A. Carpenter will move her flower store from Main street, having rented a space at 12 Center street.

TERRE HAUTE, IND.—Otto Heintz will discontinue his store in this city and will transact all business from his place at West Terre Haute.

DURBUQUE, IA.—The first flower show ever held in this city will take place during September and will be under the direction of the humane society.

HOLTON & HUNKEL CO.,
 Wholesale Cut Flowers
 462 Milwaukee Street, MILWAUKEE, WIS.

Wholesale Flower Markets

MILWAUKEE, July 5.

Roses, Beauty, long, per doz.	3.00
" " med.	2.00
" " short	1.00
" Liberty	3.00@ 8.00
" Chatenay	2.00@ 6.00
" Bride, Bridesmaid	4.00@ 6.00
" Meteor, Golden Gate	4.00@ 6.00
" Perle	4.00@ 6.00
Carnations	1.00@ 2.00
Smilax	12.50@15.00
Asparagus sprays	3.00
Valley	3.00
Adiantum	1.00@ 1.50
Harrislil.	8.00@10.00
Peonies	4.60@ 5.00
Sweet Peas	.50

PITTSBURG, July 5.

Roses, Beauty, specials	20.00@25.00
" " extras	15.00@20.00
" " No. 1	6.00@10.00
" " ordinary	2.00@ 3.00
" Bride, Bridesmaid	1.00@ 8.00
" Meteor	6.00@ 8.00
" Liberties	6.00@15.00
" Perle, Chatenay	2.00@ 6.00
Carnations	1.00@ 2.00
Lily of the valley	3.00@ 4.00
Smilax	12.00@15.00
Asparagus, strings	25.00@50.10
Asparagus Sprengerii	20.00@30.00
Lilies	12.00@15.00
Adiantum	.75@ 1.25
Sweet Peas	.10@ .50

CINCINNATI, July 5.

Roses, Beauty, per doz.	1.00@ 4.00
" Bride, Bridesmaid	3.00@ 6.00
" Liberty	4.00@ 8.00
" Meteor, Golden Gate	4.00@ 8.00
Carnations	1.00@ 3.00
Lily of the valley	3.00@ 4.00
Asparagus	50.00
Smilax	12.50@15.00
Adiantum	1.00@ 1.50
Asparagus Plumosus and Sprengerii in bunches	.35c per bunch
Harrislil	12.50@15.00
Marguerites	.25
Sweet Peas	.25@ .35

ST. LOUIS, July 5.

Roses, Beauty, long stem	1.50@ 2.00
" " medium stem	1.00@ 1.50
" " short stem	.35@ .75
" Bride, Bridesmaid	3.00@ 6.00
" Liberty	3.00@ 6.00
Carnations	1.50@ 2.00
Smilax	12.50@15.00
Asparagus Sprengerii	1.50@ 3.00
Plumosus	25.00@50.00
Adiantum	1.00
Dagger ferns	1.25

CLEVELAND, July 5.

Roses, Beauty, per doz.	.50@ 3.00
" Bride, Bridesmaid	2.00@ 6.00
" Meteor	4.00@10.00
Carnations	1.00@ 2.00
Smilax	20.00
Asparagus, strings	25.00@50.00
" Sprengerii	1.00@ 2.00
Common ferns	1.50@ 2.00
Sweet peas	.25
Peonies	.50@ .75

AMERICAN BEAUTIES.
 Cut Roses—American Beauties and a kinds of Tea Roses at lowest prices. Trial orders solicited.

HELLER BROS., New Castle, Ind.
 South Park Floral Company
 Please mention the American Florist when writing

—FANCY—
GARNATIONS and ROSES
 Pittsburg's Largest and Oldest Wholesalers.
PITTSBURG CUT FLOWER CO., Ltd.
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CHAS. CHADWICK,
 COR. FULTON & LAGRAVE,
Grand Rapids, Mich.
WHOLESALE and RETAIL FLORIST.
 High-Grade Cut Blooms.
 Carnations, Roses, 'Mums, Violets, Etc.
 Choice American Beauties a Specialty.
 Artistic Designs on Short Notice.
 Good Shipping Facilities to all Michigan Points.
 —A TRIAL ORDER SOLICITED.—
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—BUY YOUR—
Cut Flowers, Florists' Supplies,
WIRE DESIGNS at
THE FLOWER GROWERS' MARKET,
 60 Wabash Ave., CHICAGO
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Michigan Cut Flower Exchange,
WM. DILGER, Mgr.
 Fancy Ferns \$1.00 per 1000.
 Discount on regular shipments.
38-40 Miami Ave. DETROIT, MICH.
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J. B. Braidwood,
WHOLESALE FLORIST,
 and RETAIL
COLORADO SPRINGS, COL.
 All Orders Given Prompt Attention.
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—THE—
AMERICAN FLORIST CO.'S
..Directory
FOR 1905
Hundreds of New Names
and Addresses.
 AND contains the usual fully corrected and revised lists of Florists, Seedsmen, Nurserymen, Horticulturists, Landscape Architects, Parks, Cemeteries, Botanical Gardens, Horticultural Societies, Horticultural Supply Concerns of the United States and Canada, Leading Foreign Houses and much other valuable trade information. Price \$2 postpaid.
AMERICAN FLORIST CO.
 324 DEARBORN STREET,
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E. H. Hunt,
WHOLESALE
Cut Flowers
 "THE OLD RELIABLE."

76 Wabash Ave.,CHICAGO.
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A
Daily Cut
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40 to 60 Growers
ROSES, CARNATIONS.
 ORCHIDS, Sweet Peas, Valley, Greens, Etc.
 Inside market quotations. Catalogue free. Most complete line of Florists' Supplies in the West.
E. F. WINTERSON CO.
 Established 1894.
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Wholesale Cut Flowers

LARGEST GROWER
IN THE WORLD.

Price List.

AMERICAN BEAUTIES—	Per doz.
Extra Select.....	\$ 4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00
15-inch stems.....	1.50
12-inch stems.....	1.25
Short stems.....	\$.75 to 1.00
	Per 100
LIBERTY.....	\$5.00 to 10.00
CHATENAY.....	3.00 to 8.00
MAIDS AND BRIDES.....	3.00 to 6.00
UNCLE JOHN.....	3.00 to 6.00
CARNATIONS.....	1.50 to 2.00

All flowers are perfectly fresh and properly packed.
 No charge for P. & D. on orders over \$5.00.

J. A. BUDLONG
 37-39 Randolph Street, CHICAGO.
WHOLESALE CUT FLOWERS
 Roses and Carnations
 A Specialty.....
WHOLESALE GROWER OF

E. C. AMLING
 THE LARGEST,
 BEST EQUIPPED,
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 WHOLESALE
 CUT FLOWER HOUSE
 IN CHICAGO.
 32, 34, 36 RANDOLPH ST.,
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 L. D. 'Phones Central 1978 and 1977.

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D. WOOD BRANT,
 SUCCESSOR TO BRANT & NOE FLORAL CO.
 Grower of—
CUT FLOWERS AT WHOLESALE.
 Maids and Brides, 3-in. pots, \$3.50 per 100
 American Beauty, 3-in. pots, \$4.50 per 100.
 Direct Shipments from Greenhouses.
 W. Peterson and N. 48th Aves., CHICAGO.
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Bassett & Washburn
 76 & 78 Wabash Ave., CHICAGO.
 Wholesale Dealers and
 Growers of **Cut Flowers**
GREENHOUSES: HINSDALE, ILL.
 Please mention the American Florist when writing.

Poehlmann Bros. Co.
 Wholesale Growers of
 and
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 All telegraph and telephone orders
 given prompt attention.
 Greenhouses:
 Morton Grove, Ill. 35-37
 Randolph Street,
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 Please mention the American Florist when writing.

Vaughan & Sperry,
Wholesale Florists,
 58 and 60 Wabash Ave., CHICAGO.
 WRITE FOR SPECIAL PRICES.
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Zech & Mann
Wholesale Florists
 Room 218, 51 Wabash Ave., CHICAGO.
 Telephone, Central 3284.
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Wholesale Flower Markets

CHICAGO, July 5.

Roses, Beauty, 30 to 36-in. stems	3.00@ 4.00
" " 20 to 24 "	2.00@ 2.50
" " 15 to 18 "	1.25@ 2.00
" " 12 "	.75@ 1.00
" Liberty.....	4.00@10.00
" Chateay.....	3.00@ 6.00
" Bride, Bridesmaid.....	3.00@ 6.00
" Golden Gate.....	3.00@ 6.00
" Gen'l MacArthur.....	4.00@10.00
Carnations.....	1.00@ 2.00
Valley.....	3.00@ 4.00
Asparagus Plumosus, per string 25 to 50c	
" sprays 2.00@3.00	
" Sprengerl.....	2.00@ 3.00
Galax Leaves, Bronze, per 1000	\$1.50 .20
Adiantum.....	.75@ 1.00
Fancy ferns.... per 1000 1 0c@ 1 50	
Smilax.....	10.00@12.50
Peonies, per doz.....	.50@ .75
Callas.....	8.00@10.00
Sweet Peas.....	.25@ .50
Daisies.....	.75@ 1.50
Asters.....	1.00@ 1.50

J. B. DEAMUD
Wholesale Florist.
 51 Wabash Ave., - - CHICAGO.
 Long Distance Phone, Central 3155.

WIETOR BROS.
 Wholesale Growers of **Cut Flowers**
 All telegraph and telephone orders
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 51 Wabash Ave., CHICAGO.

Chas. W. McKellar
WHOLESALE FLORIST,
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ORCHIDS A SPECIALTY.
 Fancy Valley, Roses, Carnations, and a full line
 of all Cut Flowers, Greens and Florists' Supplies.
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Circulates
 The actual paid circulation of the American Florist is, we believe, the largest in its class. The contents are of real present value and are preserved for reference. Advertisers who use regularly our columns establish permanent business with the best trade in the United States.

THE BENTHEY-COATSWORTH CO.
 35 RANDOLPH ST. **WHOLESALE FLORISTS** CHICAGO.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

AGENTS FOR THE EVERLASTING GREENHOUSE TILE BENCH.

52 and 54 High Street,

CLEVELAND, OHIO.

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15 Province Street.

All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.
FLORISTS' SUPPLIES all kinds.
Long Distance Telephone, 6268-6267 Main.

CUT STRINGS OF

Asparagus Plumosus Nanus

First-class stock, running even and full, 50c each.

W. H. ELLIOTT, - - Brighton, Mass.

—THE—
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ALSO SUCCESSORS TO
THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.
Special attention given to Shipping Orders.

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H. G. BERNING Wholesale Florist

1402 Pine St., ST. LOUIS, MO.

C. A. KUEHN, Wholesale Florist,

1122 Pine St., ST. LOUIS, MO.
A Complete Line of Wire Designs.

Wholesale Flower Markets

BOSTON, July 5.

Roses, Beauty, best	12.00@20.00
" " medium	6.00@ 8.00
" " culls	1.00@ 2.00
" Bride, Bridesmaid	2.00@ 4.00
" Extra	6.00@ 8.00
" Liberty	1.00@ 8.00
Carnations	.75@ 1.50
" Fancy	1.00@ 2.00
Lily of the valley	1.00@ 1.50
Smilax	12.00@16.00
Adiantum	1.00
Asparagus	35.00@50.00

PHILADELPHIA, July 5

Roses, Tea	3.00@ 4.00
" " extra	6.00@ 8.00
" Liberty	4.00@12.00
" Queen of Edgely, extra	15.00@25.00
" " frsts	10.00@12.00
" Beauty, extra	15.00@25.00
" " frsts	10.00@12.00
Carnations	1.50@ 3.00
Lily of the valley	3.00@ 4.00
Asparagus	25.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Easter lilies	6.00@ 8.00
Sweet Peas	.20@ .35

BUFFALO, July 5.

Roses, Beauty	4.00@25.00
" " Bride, Bridesmaid, Meteor.	2.00@ 7.00
Carnations	1.00@ 2.00
Lily of the valley	3.00@ 4.00
Asparagus, strings	40.00@50.00
Smilax	12.00@15.00
Adiantum	.75@ 1.50
Sweet peas	.15@ .30

PLEASE mention the AMERICAN FLORIST very time you write to an advertiser.

Pittsburg Florists' Exchange, WHOLESALE FLORISTS and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.

Send for weekly price list and prices on large orders.
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J. B. MURDOCH & CO.

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FLORISTS' SUPPLIES.

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Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers Billed at Market Prices.

Shippers of choice Cut Flowers and Greens of all kinds. Try us.

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Wholesale Florist

Cut Flowers and Florists' Supplies.

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1324 Pine Street, St. Louis, Mo.

Beauties and Valley } THE LEO NIESSEN CO.

1217 Arch St., PHILADELPHIA, PA.

On and after July 1st Store will be open from 7 a. m. to 6 p. m

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KENNICOTT BROS. COMPANY

40-42-44 Randolph St., CHICAGO.

Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.

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Carnations, Kaiserins and Sweet Peas.

Store closes at 8:00 p. m. until September 16th.
Saturdays at 1:00 p. m.

The Philadelphia Cut Flower Co.

1516 and 1518 Sansom Street,

PHILADELPHIA,

PA.

THE RELIABLE Commission House,
Jos. S. Fenrich

Bell Telephone, 324
 325 Madison Square.

48 W. 30th Street, **NEW YORK.**

YOUNG & NUGENT

42 West 28th Street,
 Telephone 2065, Madison Sq. **Wholesale Florists.**

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

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Roses, Orchids, Carnations, and Every Variety of CUT FLOWERS.
ADIANTUM CROWEANUM REGULARLY.

Tel. 167 Madison Square.

Open every day at 8 a. m.

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Advice of sale note daily. Statement and check weekly. All consignments large or small receive the same attention. **CORRESPONDENCE INVITED.**

WHOLESALE WILLIAM GHORMLEY, COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

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Fresh Flowers

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Telephone 3870-3871 Madison Sq.

The Only House Handling the **Victory**
NEW RED CARNATION
 To be Disseminated 1906. Also a Complete
 Line of **Cholcest Flowers.**

ALEX. J. GUTTMAN, WHOLESALE FLORIST,
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Telephones: 1664-1665 Madison Square.

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Open for Cut Flower Sales at 6 o'clock Every Morning.

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Prompt Payments. **Established 1891.**

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Week days and every day

Sundays and holidays

All over the country

At home and abroad.

Ads

Choice Carnations, Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, **Cut Flower Exchange**
 New Telephone No. 798 & 799 Madison Sq.

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Wholesale Flower Markets

NEW YORK, July 5.

Roses, Beauty, best.....	10.00@15.00
" " medium.....	3.00@10.00
" " culls.....	1.00@ 2.00
" Liberty, best.....	10 00
" " culls.....	1.00@ 2.00
" Bride, Bridesmaid, G. Gate. 1 00@ 4.00	
" Kaiserin, Carnot.....	1.50@ 8.00
Carnations.....	.50@ 1.00
" fancy and novelties.....	3.00
Lily of the valley.....	50@ 2.00
Lilies.....	2.00@ 5 00
Smilax.....	8 00@12.00
Adiantum.....	.50@ 1 25
Asparagus.....	20.00@50.00
Sweet Peas.....	.50@ 1 00

Thomas Young

WHOLESALE FLORIST,

43 West 28th St., **NEW YORK.**

Receivers and Shippers of Cut Flowers.
 Consignments Solicited.

A. L. YOUNG & CO., Wholesale Florists,
 54 West 28th Street,
 Telephone 3559 Madison Sq. **NEW YORK.**

Please mention the American Florist when writing.

Original Pioneer House—Established 1871.

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Wholesale and Commission

Consignments solicited. Shipping orders promptly attended to. Phone 626 Madison.

—FLOWERS SHIPPED BY—

John I. Raynor,

Are the best product of the best growers for the New York Market.

ADIANTUM CROWEANUM sold here exclusively.

49 W. 28th St., **NEW YORK.**

Tel. 1998 Madison Square.

Walter F. Sheridan,

WHOLESALE FLORIST,

Telephone 902 Madison Square.

39 West 28th St., **NEW YORK.**

20 years' experience. Tel. 4878 Madison.

JOHN SELIGMAN, WHOLESALE FLORIST

56 W. 26th Street, **NEW YORK.**
 OPPOSITE N. Y. CUT FLOWER CO.

Everything in Cut Flowers. Consignments from growers solicited. Prompt returns. Best prices. Satisfaction guaranteed.

George Cotsonas & Co.

Wholesale and Retail Dealers in all kinds of



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Fancy and Dagger Ferns, Bronze and Green Galax,
 Phone 1102 Mad. Sq.



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EDW. C. HORAN,

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 Madison Square.

....**NEW YORK.**

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CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices.

SAN FRANCISCO.
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INDIANAPOLIS.
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4320-4328 Olive St., ST. LOUIS, MO.
Established 1873, Bell, Lindell 678.
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The Park
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Pres.

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C. C. Pollworth Co.
MILWAUKEE, WIS.
Will take proper care of your orders in
WISCONSIN.



A. Gude & Bro.
FLORISTS
1214 F St., WASHINGTON, D. C.

John Wolf
FLORIST
SAVANNAH - - GA.

Palmer's
BUFFALO,
N. Y.

DETROIT.
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SONS
Cor. MIAMI and GRATIOT AVES.
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Artistic Designs. * * * * *
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.
Please mention the American Florist when writing.

Wholesale Flower Markets

ST. PAUL, July 5.

Roses, Beauty, long, per doz.	4.00
" " med. " .150@	2.00
" " short " .50@	1.00
" Liberty	3.00@ 6.00
" Chateauy	2.00@ 6.00
" Bride, Bridesmaid	2.00@ 5.00
" Gates and Ivory	3.00@ 5.00
" Perle	2.00@ 4.00
Carnations	1.50@ 2.50
Valley	3.00@ 4.00
Sweet Peas .....	.50
Harrisii	12.50
Smilax	15.00
Sprengerl.	2.00
Adiantum	1.00
Peonies	2.00@ 3.00
Marguerites .....	.50@ .75

MINNEAPOLIS, July 5.

Roses, Beauty, long, per doz.	4.50
" " med. " .250	2.50
" " short " .50@	.75
" Liberty	3.10@ 6.00
" Chateauy	3.00@ 6.00
" Bride, Bridesmaid	3.00@ 6.00
" Meteor, Golden Gate	3.00@ 6.00
" Perle	3.40@ 6.00
Carnations	2.40@ 3.00
Smilax	15.00 @ 18.00
Asparagus sprays	2.00@ 3.00
Valley	3.00@ 4.00
Adiantum	1.50
Common ferns per 1000	3.00
Callas	12.50
Peonies	2.00@ 3.00

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P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.
Mail, telegraph or telephone orders filled promptly in best style.

Shaffer FLORIST,
14th and Eye Streets,
PHONE, WASHINGTON, D. C.
2416 Main.



Always mention the American Florist when you order stock.

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LEIKENS
7 East 33rd St., Near Waldorf-Astoria.
Telegraph orders from any part of the country for Boxes, Flowers or Desigs for deliveries at residences or steamers faithfully filled.
Please mention the American Florist when writing.

GEO. H. COOKE,
FLORIST
Connecticut Avenue and L Street,
WASHINGTON, D. C.
Please mention the American Florist when writing

ST. PAUL.
HOLM & OLSON,
ST. PAUL.
THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.
Please mention the American Florist when writing.

CALVESTON.
Mrs. Chas. Eickholt,
2319 AVENUE M,
CALVESTON, TEXAS.
Cut Flowers, Floral Designs, Decorations.
Telephone 1087. All mail, telegraph or telephone orders promptly and artistically filled.
Please mention the American Florist when writing.

OMAHA.
HESS & SWOBODA,
FLORISTS,
1415 Farnam Street, OMAHA, NEB.
Phone 1601 and L. 1882.
Please mention the American Florist when writing.

SPRINGFIELD.
Mark Aitken
FLORIST.
378 Main St., Springfield, Mass.
Please mention the American Florist when writing.

ALEX. B. GARDEN,
441 Center Market, WASHINGTON, D. C.
Carnations, Roses, etc.
Wholesale and retail. Telegraph or phone.
Please mention the American Florist when writing.

MILLS THE FLORIST,
36 W. Forsyth Street,
JACKSONVILLE, FLA.
Please mention the American Florist when writing.

ATLANTA FLORAL CO
41 Peachtree Street, ATLANTA, GEORGIA

During July and August

The best stock will be the cheapest stock to buy. We can give it to you in **ROSES and CARNATIONS, LILIES, Etc.** Extra care in selecting and packing has made our summer business larger.

CANDIDUM LILIES Now on hand, put up 50 in a bunch, at \$1.00 per bunch. No cheaper flower in the market for funeral work.

OUR STORE CLOSSES AT 5 P. M., DURING JULY AND AUGUST.

A. L. Randall Company,

19 Randolph St., CHICAGO.

Araucaria Excelsa

OUR SPECIALTY.



Fill your empty houses now, and make 100 per cent on your money while you are asleep.

Notice.—When you undertake anything, do it well or not at all. This is our motto, adopted ten years ago, when we imported the first lot of this well known pot plant, the Araucaria Excelsa, from Belgium. These everlasting green foliage pot plants are

growing more in favor by the tasteful plant buyers of the land from year to year. Please watch the growth of our importations during the last ten years: First year, 100; second, 250; third, 500; fourth, 1,000; fifth, 2,000. Now this year, 1905, is our **tenth anniversary** since we began importing them, and they have grown up to 5,000, this spring's importation.

All these are grown for me under contract by an Araucaria specialist in Belgium. I must say, for the benefit of my customers, that they were never before so nice and large for the money as this year.

I herewith quote you special low prices on them for cash:

- 10 to 12 ins. high, 2 years old, 3 tiers..... \$.50
- 12 to 14 ins. high, 2 years old, 3 to 4 tiers..... .60
- 14 to 16 ins. high, 3 years old, 3 to 4 tiers..... .75
- 18 to 20 ins. high, 3 years old, 4 to 5 tiers..... 1.00

Araucaria Compacta Robusta, unusually large, very beautiful, three sizes, \$1.25, \$1.50, \$1.75; **Glauca**, 75c to \$1.00 each.

Kentia Forsteriana, 30 to 36 inches high, 4-yr. old, \$1.00; 4-year old, 25 to 30 inches, 75c. **Belmoreana**, 4-year old, 25 to 30 inches high, \$1.00 each. Above is the size entered in the Philadelphia custom house.

- Ficus Elastica**, 4-in., 25c; 5 to 5½-in., .30 to \$.40
- Adiantum Cuneatum**, Maidenhair fern, 4-in., very strong..... .12
- Asparagus Plumosus Nanus**, 2-in., strong, per 100..... 5.00
- Cncos Weddelliana**, 3-in. (doz. or 100)..... .15
- Areca Lutescens**, made up, 3¼-in. pot, fine, each..... \$.40 to .50

Cash with order, please. All goods must travel at purchaser's risk. Mention if pots wanted.

GODFREY ASCHMANN,
Importer and Wholesale Grower of Pot Plants.
1012 Ontario St., PHILADELPHIA, PA.

Poinsettias

August Delivery. Fine, Stocky Plants.

- From 2½-in. pots... \$6.00 per 100; \$50.00 per 1000
 - From 3-in. pots..... 8.00 per 100; 75.00 per 1000
- Cash or satisfactory references.

Baur Floral Co., Erie, Pa.

WANTED—PLANTS.

Artocarpus-incisa. State size and price.
Address **H. HEHRE, 5621 Central Ave., LOS ANGELES, CAL.**

ROSES

For immediate removal we offer a limited number of good, clean, healthy plants at extremely low prices as we are in need of the space they occupy.

As a leader we offer **UNCLE JOHN** the improved Golden Gate in 3½-inch pots, at \$25.00 per 1000; 2-inch, \$15.00 per 1000. This rose both in color and shape is far superior to the old Golden Gate.

	Per 100	Per 1000	Per 100	Per 1000
UNCLE JOHN , 3½-inch.....	\$3.00	\$25.00	BRIDESMAID , 2-inch.....	\$2.50 \$20.00
" " 2-inch.....	2.00	15.00	AM. BEAUTY , (bench plants)	3.50 25.00

Carnations 100,000 FIELD-GROWN. Our plants being large we are prepared to book orders now for early shipment and shall have the following varieties to offer:

- | | | |
|------------------------|----------------------|-------------------------|
| LAWSON , pink, | FLAMINGO , | TRIUMPH , |
| BOSTON MARKET , | HARRY FENN , | MRS. INE , |
| NELSON FISHER , | ROOSEVELT , | FLORA HILL , |
| GRUSADER , | MRS. NELSON , | GUARDIAN ANGEL . |

We have had several out of town florists looking over our field of carnations and they not only pronounce them the furthest advanced, but also say they are the best lot of carnations they have seen this season.

We shall begin making deliveries the latter part of July at which time our stock will be in the best possible shape to ship. Prices furnished upon application, also when writing state when stock is wanted, we guaranteeing all stock to be in A1 condition.

J. A. BUDLONG, 37-39 Randolph Street, CHICAGO.

Poehlmann Bros. Company,

Commercial Growers, Morton Grove, Ill.

Roses. Stevia.

	2½-in.	3¼-in.	
	Per 100	Per 1000	Per 100
American Beauty	\$5.00	\$45.00	\$7.00
Chatenay	4.00	30.00	5.00
Uncle John	4.50	40.00	6.00
Bride	4.00	35.00	5.00
Perle			5.00
Surprise	4.00	35.00	5.00
Bridesmaid	4.00	35.00	5.00
Golden Gate	3.50	30.00	5.00

Rooted cuttings, per 100..... \$ 1.50
 Rooted cuttings, per 1000..... 12.50
 2½-in., per 100..... 2.50
 2¼-in., per 1000..... 22.50

Orders for less than \$2.00 not accepted.

Headquarters for Finest Cut Roses, Carnations and Other Cut Flowers.

Poehlmann Bros. Co., Morton Grove, Ill.

Extra Fine American Beauty Plants

2½-inch pots, repotted from 2-inch,
\$50.00 per thousand.

JOHN BURTON, Chestnut Hill, Phila., Pa.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

W. H. Grenell, Pierrepont Manor, N. Y.,
Pres.; L. L. May, St. Paul, Minn., First
Vice-Pres.; C. E. Kendall, Cleveland, O.,
Sec'y and Treas. Twenty-fourth annual
convention at San Jose, Cal., 1906.

VISITED CHICAGO: William Rennie,
Toronto, Ont.

MINNEAPOLIS, MINN.—J. E. Northrup
is making an eastern trip.

ONION sets look like a better than
average crop around Chicago.

SOME crops of French grown beets are
turning out poorly.

EUGENE SCHAEFFEL, representing Vil-
morin-Andrieux & Company, Paris,
expects to call upon the American trade
next fall.

SOME of the older lands at Santa
Clara are so infested with morning glory
that it is cheaper to rent new places than
to fight the weed.

WM. F. DREER, of Philadelphia, Pa.,
attended the recent festival banquet of
the Gardeners' Royal Benevolent Insti-
tution, London, Eng.

WE understand John Lewis Childs, of
Floral Park, N. Y., has acquired the
stock of Frank Banning's new gladiolus,
Reuben H. Warder, and renamed it
America.

THE great Bouldin island, California,
asparagus beds, although under water
for a year since the big Sacramento
river floods, prove to be comparatively
uninjured.

SALT LAKE CITY, UTAH.—The Voge-
ler Seed Company June 26 began pre-
paring ground for the erection of a 50x
100 feet, three-story warehouse and ele-
vator to cost \$12,000.

CALIFORNIA had very little opposition
in getting the convention for next year.
The paper of Mr. Congers on "Sales-
manship" was one of the hits of the
meeting. A complete revision of the
by-laws and constitution with special
reference to membership limitations is
promised for next year's association
meeting.

THE Sacramento river district has
proven valuable for the following garden
seed crops: onion, carrot, peas and
beans. The soil, fifty feet deep, consists
of decayed tules or river reeds and
comes much quicker into full tilth than
the lands of the eastern states. The
wide river is practically a bay and the
tide ebbs and flows many miles along its
banks toward Stockton.

CHICAGO.—The engagement is
announced of Miss Anita Gertrude Wil-
kens, daughter of Mr. and Mrs. John
D. Wilkens, of Chicago, and Leonard
H. Vaughan, second son of J. C.
Vaughan. The wedding will take place
Monday evening, July 17, and the happy
couple will proceed to Europe on their
wedding tour soon after, accompanied by
the bridegroom's brother, Dr. R.
Vaughan.

3,700 ACRES OF GARDEN SEEDS
IN CULTIVATION.

Braslan Seed Growers Co.
Wholesale Seed Growers.

SAN JOSE, CALIFORNIA.

Bluegrass Seed Crop Shortage.

The crop of bluegrass seed in Mont-
gomery county has been gathered and is
the shortest ever known, only a one-
fourth yield being secured. The quality
is not good. On the large farm of J. M.
Bigstopp only 300 bushels were gather-
ed, when in recent years the yield has
been from 8,000 to 15,000 bushels. The
drought last fall and close grazing is
given as the cause. The grass is very
poor all over the country.—Louisville
Post.

Bermuda Bulb Crop.

Hamilton, Bermuda, June 28.—The
outlook at the present time is that the
crop will be large, that is, taking all the
mixed stocks into consideration. How-
ever, the true *Harrisii* will be scarce as
usual. During the past season there has
been about 350,000 Japan bulbs imported
into the island, most of which are grown
by G. A. Bishop and T. J. Pearman.
This caused much uneasiness among the
growers, consequently the house of
assembly passed a bill placing a duty of
\$50 per 1,000 on all lily bulbs coming
to the island. Most of the bulbs are
fully matured and digging will begin in
a few days.

[Rather late in the day to apply the
duty when the bulbs are already in.—
Ed.]

Nebraska Seed Crops.

Waterloo, Neb., July 1.—Constant cold
and cloudy weather causes conditions
that do not look promising for a satis-
factory crop of vine seeds. Considerable
damage was done by the striped beetle
in the squash field, but the plants have
outgrown the bugs and with warm
weather will probably recover lost
ground.

Onion sets are practically made.
Many will be too large if we do not at
once have hot and dry weather.

Corn is growing very rapidly, but
seems to be soft, owing probably to the
excess of rain and cold.

A Progressive Florida Seed House.

The illustration herewith shows the
lower portion of the frontage of the new
store of Crenshaw Brothers, the progres-
sive seedsmen of Tampa, Fla. This

building is 25x100 feet and two stories
high. A complete stock of garden, field
and flower seeds is kept, and the firm
caters almost entirely to the high-class
market gardening trade. The business
was started ten years ago and has
increased steadily year by year until it
has reached its present proportions. Two
catalogues are published each year, and
quite a quantity of seeds are exported to
Cuba, Porto Rico, South America and
Mexico.

Connecticut Seed Crops.

Connecticut has had another "freak"
season thus far in weather conditions.
We had practically no rain at all from
May 5 to June 10, uniformly cold and
dry, but since the latter date we have
had excessive rains, more than three and
one-half inches, which will make up for
the lack in May.

Onion seed acreage is about the same
as last year, and the cold weather has
not been detrimental to this crop. The
prospects at this time are favorable.
Beet seed very much reduced acreage,
condition rather poor. Carrot, parsnip
and turnip about the average acreage,
condition fair. Kale, probably fully sev-
enty-five per cent winter-killed. What
is left is scattering, but being thin will
no doubt give a fair delivery of seed,
which ought to be of extra good quality.

The worst-looking crops we have on
this list at this date are the sweet corn
crops. A new enemy, or at least new to
sweet corn, is the cut worm, which has
ruined many acres this year, causing
replanting, and on account of the very
late date the replanting can amount to
but little. Sweet corn is nearly ten days
later than a year ago at this time and it
was none too early last year to mature
before the killing frosts. Taken all in
all, the seed crop prospects in Connecti-
cut are not as favorable as a year ago
at this time. For the past two days we
have had some really hot weather, the
first hot days and nights of the season.

British Seed Crops.

VEGETABLE SEEDS.

Mangel Wurzel.—The trade experi-
enced during the last season such an extra-
ordinary demand for mangel seeds that
practically every house will be cleared
of stock when sowing is completed. Thus,
the supply of seeds for next season
depends entirely upon plants, which look
healthy on the whole at present, but, as



NEW STORE OF CRENSHAW BROS., TAMPA, FLA.

the prospective crop is subject to damage in hot dry seasons, such as that of last year, there is a natural uncertainty attending the crop. In such a hot season the black aphid attacks both mangel and beet; they cluster on the stems of the plants when in bloom, and apparently suck up their life blood. The result is, many of the seeds are immature, and at cleaning time these seeds being light are blown out by the winnowing machine. Prices of mangel seeds rule high this season, indeed any stocks of high quality for this month's sowing fetch greatly advanced prices. From July 20 to the end of that month is regarded as a critical time for the mangel crops; thunder showers are welcomed as they operate to clear the plants.

Peas.—So far the crops look promising but a drenching rain is highly desirable, and if it does not come soon the early varieties are likely to suffer. It can be noticed as one of the developments of the pea trade that the dwarf, dark green, wrinkled varieties have attained to great popularity; the growth is vigorous, they are heavy croppers, and the quality for table purposes high. Mention may be made of Burbury's English Wonder, Witham Wonder, British Wonder, Rivenhall Wonder, as illustrations of the type of pea indicated, dwarf, dark spotted, certain and heavy croppers; sorts not so easily affected by mildew as the pale podded peas. Burbury is the raiser to whom the trade is so largely indebted. One advantage of this type of dark pod is that the pods do not take on the old appearance that the pale podded type so quickly do, and they retain their cooking quality longer. Probably the precursor of this type was Omega, Gradus, Thomas Laxton and others come into the dark podded varieties and that popular late variety, Autocrat. Gladstone, a variety with a medium dark pod comes into this category. It is four feet in height, an immense cropper of fine quality, and in its general character reminds one of Veitch's Perfection in its palmiest days. Glory of Devon is a pea which has come with a great reputation; it has been described as "Veitch's Perfection one hundred times improved." It grows to a height of four feet. The trade done in this type of pea is bounded by the supply; the trade can never get enough to supply orders in full. The greatly increased cropping qualities is one of its chief characteristics.

Onion.—This is a more difficult crop to deal with. The trade experienced in the past season an unprecedented demand for onion seeds and at the same time there was a scarcity. One result has been that onion bulbs realized two and three times more than their normal value. No stocks of seeds have been held over, the acreage of hulbs planted out for seeds is very small, and in view of a scarcity prices are expected to rule high. Year by year we become more and more dependent upon the foreigner for a supply of onion seeds; they have to deal with a more equable climate, and they are growing the very best English varieties.

Swedish Turnips.—On account of the hot and dry time of last summer, which lasted up to the end of September, sowings of stock seeds could not be made until late, and many plants showed signs of imperfect development, and in the case of the plants which stood the winter pretty well, quite an epidemic of canker set in, the operation of canker being to eat through the stem just above the ground and the plant falls over on its side. As soon as warm weather set in this spring, canker put in appearance. A dripping June is more strictly a good time for swedes and turnips than for any other crops.

Cabbages, Etc.—Brassicæ are generally affected in much the same way as the turnips. These are sown for seeding any time between the middle of March and the end of May. When the time came for the plants to make a good growth, many of them wilted away. Cabbages are running to seed more uniformly than has been known for years, and they start much more quickly in poor than in good holding land, having greater supplies of plant food. What plants there are standing, give good promise of crop, but there is generally a thinness of plantation. Vermin and birds have also taken their toll of plants.

Radishes.—The supply of salad radishes is very limited this season. Growers had the advantage of an ideal time in which to prepare the beds, indeed they have been scarcely so well favored in this respect for years past.

But generally the crops have been practically ruined by insects. Cases have been mentioned in which whole beds have been denuded of plants. The insect attack set in just before Easter, and the mischief was done during a spell of strong northwesterly winds.

Turnips.—The early varieties have responded very badly to the calls of nature, and imperfect development rules; the forcing weather in the spring was the main cause. There is a decidedly better promise of crop in the case of the hardy field varieties.

Parsley.—Plants standing for seed look very well so far, and the deep rooting character of the parsley makes it to a great extent independent of drought.

Parsnips and Carrots.—These two may be bracketed together as so far the promise of good crops is decidedly favorable.

FLOWER SEEDS.

So far the promise is good, but those seeds on early dry soils need rain. We seem to be depending more and more upon the foreigner for the popular supply of flower seeds. The great novelty of the year *Nicotiana Sandera*, which is in great demand. Gladys Unwin will become popular among sweet peas. Among pansies *Fire King* is a good selection among the reds, and *Madame Perret* among the giant section.—*Horticultural Trade Journal*

Pansy Seed New Crop.

The Jennings Strain of finest American grown Pansy Seed now ready. Saved from finest selected stock. Large flowering and fancy colors in great variety. By mail, 1 oz., \$5.00; 3 oz., \$12.00; 1 pkg., 3000 seeds, \$1.00; 1 lb. prices on application. Plants ready in September. Cash with order.

E. B. JENNINGS, Lock Box 254, SOUTHPORT, CONN.
GROWER OF THE FINEST PANSIES.

FORCING LILACS.

Best German Pot-Crown in white and blue sorts; also the field-grown *Paris de Merly*, imported to order, for fall delivery. Let us appraise your wants.

AUGUST ROLKER & SONS, 31 Barclay St., NEW YORK, P. O. Box 752.

Please mention the American Florist when writing.

Aug. Rhotert, Importer, 26 Barclay St., New York.

—HEADQUARTERS FOR—

CHOICEST EARLY and LATE FORCING LILY of the VALLEY PIPS.

BRANDS

**MULTIBELL
BEROLINA
POLARIS
HANSA**

Early Forcing Berlin Pips.

Late Forcing and Cold Storage Hamburg Pips

GROWN BY MR. E. NEUBERT, WANDSBECK, GERMANY.

LEONARD

Wholesale Seed Growers.

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now. Beans, Peas and Garden Seeds. WRITE FOR PRICES.

ONION SETS.

Our plantings for the new crop are now completed.

We take orders now for delivery this fall or next spring.

Write for Prices.

SEED

Flower Seeds and Bulbs

TURNIP SEED.

TIME TO BUY NOW. Get Our Prices.

CO. CHICAGO

Freesia Bulbs.

READY NOW. IF PLANTED NOW WILL BLOOM FOR CHRISTMAS.

American-grown Refracta Alba.

Choice, 1/2-inch.....	100	1000	5000
1st Quality, 3/4 to 1/2-inch.....	\$0.75	\$5.00	\$22.50
	.50	3.00	14.00

PURE WHITE Flowered Bermuda-Grown Freesia

Mammoth, 1/2 to 3/4-inch.....	100	1000	5000
Choice, 3/8 to 1/2-inch.....	\$1.00	\$9.00	\$42.00
	.85	7.50	35.00

New Freesia Purity..... Doz., 60c; 100, \$4.00

For Cash With Order We Will Prepay Charges on Above.

Vaughan's Seed Store

84 Randolph St., CHICAGO.
14 Barclay St., NEW YORK.



Zirngiebel Giant Pansies.

Market and Fancy Strains.

New crop seed of those well-known, unrivalled Pansies ready now, in trade packages, at \$1.00 each, either strain.

DENYS ZIRNGIEBEL, Needham, Mass.

H. N. Bruns

VALLEY Finest Cold Storage Pips.

1409-1411 West Madison Street, CHICAGO, ILL.

TOOLE'S PREMIUM

American Pansy Seeds

NOW READY. Sow in July and August for winter flowers or cold frame plants. The most complete list of varieties and mixtures grown by anyone in America described in our catalogue, which is sent with "How to Grow Pansies"

Free to any address. Extra choice, mixed, 10c per pkt.; 1/2 oz., 50c; 1/4 oz., 75c; per oz., \$2.75. Selected, mixed, 15c per pkt.; 1/2 oz., 70c; 1/4 oz., \$1.20; per oz., \$4.00. Hesperian mixture, 25c per pkt. Trade pkts., containing triple quantity, double price. Write to

WILLIAM TOOLE, Pansy Specialist, Pansy Heights, Berarboo, Wisconsin.

It is good business policy to mention the

American Florist

.....when writing to an advertiser.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

Emory Albertson, Bridgeport, Ind., Pres.;
Orlando Harrison, Berlin, Md., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirty-first annual convention, Dallas,
Tex., 1906.

HERBERT CHASE, of Huntsville, Ala., is making a Pacific coast trip via the northern route.

LOS ANGELES, CAL.—M. Walker has an *Acacia decurrens* twelve years old, from seed, with a trunk that is three feet in diameter.

NORTH ABINGTON, MASS.—The Bay State Nursery Company has purchased a 21-acre farm from Charles Somers, and will transfer its herbaceous department to the new location.

ACCORDING to a recent circular of the United States Department of Agriculture, trained foresters are in great demand by the forestry commissioners of various states as well as private timber owners and large lumber companies.

Seaside Evergreens.

Of all the varieties of evergreens planted near the seashore all have been found wanting in a greater or less degree except white spruce. The last severe winter was endured by this spruce better than by any other evergreen, either large specimens or small trees composing clumps. In the spring this was recognized to such an extent that the demand for white spruce for planting on the New England coast could not be met. This was especially the case when trees of five feet and upward were required. Smaller sizes were scarce, although they can easily be procured from distant points. Every indication points to a larger demand still for all sizes of white spruce in the future.

Poplars also have stood on the seashore remarkably well, and although they are of a rather stiff appearance, large numbers are planted every spring, and each year the numbers increase. A large percentage of these are sent out from Rochester, and it is a remarkable fact, showing the endurance of this tree, that a consignment was held up for a month in the spring and when finally planted, after growth started in the packing case, showed no ill effects.

B. E.

Albany, N. Y.

The Delaware & Hudson Railroad Company is engaged in preparations for planting 300,000 trees along the line of its Susquehanna division between Albany and Scranton, Pa. The company has secured the co-operation of the United States Bureau of Forestry in making the plantations. The railroad company has also 110,000 acres of land along the Plattsburgh and Lake Placid branch of which 28,000 acres are classified as denuded land. The company's officials propose to replant most of this area with trees suitable for lumber at a later date. At Wolf Pond in the Adirondacks a nursery of one acre has been started and in part planted with seeds of Scotch pine, white pine, Norway spruce and European larch. G. B. Lull,

of the United States Bureau of Forestry, and a corps of assistants are on the field and busily engaged in studying the conditions in order later to advise the railroad company as to the best methods to pursue in order to plant to the best advantage and to conserve the forest area the company already owns.

The experiment of the Delaware & Hudson Company has a considerable economic interest attached to it, inasmuch as it is believed that all the large railroad systems of the country will have to adopt some such plan in order to insure for themselves a continuance of a supply of timber for their needs at a cost that will not be prohibitive. R. D.

Diseased Ampelopsils Leaves.

ED. AMERICAN FLORIST:—

I enclose some diseased leaves of ampelopsis and wish to know the name of the diseases, also cause and remedy. Illinois. P. P.

The ampelopsis leaves show that the vine has been severely attacked by a parasitic fungus, called *Phyllosticta Labruscæ*. If the spotted leaves are permitted to remain on the vine, the disease will spread rapidly, so if possible they should be picked off and burned and the vine sprayed with a fungicide. We recommend the use of Bordeaux mixture, made as follows: Copper sulphate, 4 pounds; fresh lime, 4 pounds; water, 40 to 50 gallons. Dissolve the copper sulphate in hot water or from a coarse bag suspended in cold water; slake the lime separately. Dilute the former to about 20 gallons into which pour the lime diluted to about 10 gallons, stirring the mixture; dilute further to form the forty or fifty gallons. Stock solutions of the copper sulphate or lime, rate 1 pound to 1 gallon water, can be kept indefinitely. Spray at intervals of about a fortnight. If treatments are given in the spring, beginning as the leaves are about half grown, the vine may escape an attack next season. A. F. W.

Macon, Ga.

The Idle Hour Nurseries have been reorganized, with D. C. Horgan in active charge of the business. Mr. Horgan has been identified with Macon's interests for a number of years, and is well known to the people of the city as a capable and industrious gentleman. It is his intention to establish and maintain for the nurseries the reputation for the foremost of its kind in the southern country. It is an institution that reflects great credit upon the city, and Mr. Horgan as sole proprietor proposes to make it as nearly as possible a cause for public pride.

Artist Grimshaw is retained as decorator, designer and manager of the city headquarters, 109 Cotton avenue.

LOUISVILLE, KY.—Fred Haupt has sold his property at 640 Fourth avenue for \$43,000, which is considered an exceedingly good price.

Cottage Gardens Co. Inc.

QUEENS, LONG ISLAND, N. Y.

SPECIALISTS:

PEONIES, CARNATIONS AND SPECIMEN NURSERY STOCK

Paeonias and Perennials

PAEONY MANUAL 30 cents; GOLD MINE IN FRONT YARD, \$1.00.

LEARN HOW TO IMPROVE YOUR PLACE.

C. S. HARRISON,
SELECT NURSERY - YORK, NEB.

Please mention the American Florist when writing.

EVERGREENS

Large Assortment.

Specialties—White Pine, Hemlock and Large Evergreens. Spring List for details.

Andorra Nurseries,

Wm. Warner Harpar, Prop. CHESTNUT HILL, PA.

Please mention the American Florist when writing.

D. & C. ROSES

Are the Cheapest Because They Are the Best.

We carry in stock upwards of a thousand different varieties, consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of American origin; stock from 2½ and 4 and 5-inch pots. Send us your list of wants to-day. Ask for catalogue, free.

Rose Growers.
The Dingee & Conard Co., WEST GROVE, PA.

Please mention the American Florist when writing.



Send to **THE MOON**

Company

For } Trees, Shrubs, Vines
Your } and Small Fruits.

Descriptive Illustrated Catalogue Free.

THE WM. H. MOON CO.
Morrisville, Pa.

Please mention the American Florist when writing.

A FEW GOOD THINGS YOU NEED.

Roses for forcing and outdoor planting. Rhododendrons for forcing and outdoor planting. Clematis in leading varieties. Hydrangea P. C. in all sizes. Boxwood in different sizes. Azalea Mollis very cheap. Lilac for forcing and field-grown stock. Deutzia Graeille, strong plants at a bargain, and other good things for Nurserymen and Florists; very reasonable prices. Wholesale catalogue mailed free upon application.

W. VAN KLEFF & SONS, Boakoo, Holland,
Wholesale Growers of Nursery Stock.

Please mention the American Florist when writing.

PEONIES

200 Choicest Varieties. Large Stock.

LILIES, Hardy Sorts, about 40,000 bulbs.
GLADIOLI, in the named and unnamed sorts.
DAHLIAS, Richardias, Madeira Vines.
SUGAR MAPLES, 6 inches to 10 feet 110,000.
CATALPA speciosa seedlings. BLACK LOCUST seedlings. List in season.

E. Y. TEAS, Centerville, Ind.

PEONIES.

Wholesale and retail catalogues ready for distribution. Sent free on application. All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.

PETERSON NURSERY,
503 W. Peterson Ave., CHICAGO.

SURPLUS ROSE PLANTS

BRIDES, BRIDESMAIDS and METEORS, 2½-inch \$22.50 Per 1,000.
3-inch \$30.00 per 100.

Cuttings were made from carefully selected wood. Well worth the price. Call and see them.

L. B. CODDINGTON, Murray Hill, N. J.

The Storrs & Harrison Co.

PAINESVILLE NURSERIES.
CATALOGUES AND PRICE LISTS
FREE ON APPLICATION.

PAINESVILLE, OHIO.

Please mention the American Florist when writing.

First-Class ROSES For Sale.

Brides,	Chatenay,	Golden Gate.
Bridesmaid,	Hoste,	Ivory.
Perle,	Sunset,	3 1/2-in. pots.
Meteor.	Sunrise,	\$6.00 per 100.

P. R. QUINLAN & CO., Syracuse, N. Y.

Please mention the American Florist when writing.

CHOICE ROSE STOCK

From 2 1/4 and 3 1/4-inch pots.

Killarneys, Brides, Bridesmaids.

Write for prices.

JOHN YOUNG 51 West 28th St.
NEW YORK CITY.

Telephone, 4463 Madison.

Please mention the American Florist when writing.

YOU CAN PLANT AT ANY TIME.

Hardy Roses from 4 and 5-in. pots, fine, strong, plants—Crimson and Yellow Rambler, Gen. Jac. Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc. 15c. Large flowered Clematis, finest—purple, white, lavender, pink sorts, 4 and 5-inch, 18c; 1-year, from 3-in., 9c. Clematis Patriculata, from 3 1/4-in. at 10c. Ampelopsis Veitchii, from 4-inch, 12c. Hardy Phlox, finest named, 4-inch, 10c. Golden Glow, 4-inch, 10c. Packing free for cash. W. H. Salter, Rochester, N. Y.

Baby Rambler

The Always in Bloom Rose. 2 1/4-in., \$2.50 per doz., \$15.00 per 100, \$125.00 per 1000; 3-in., \$3.50 per doz., \$25.00 per 100; 4-in., \$6.00 per doz.

THE CONARD & JONES CO., West Grove, Pa.

Jacs Smits, Ltd, NAARDEN (Holland.)
(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy, Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilacs a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries. NAARDEN-BUSSUM, near Amsterdam, is our R. R. Depot. Mailing address during April and May: JACS SMITS, care MALTUS & WARE, 136 Water Street, New York City.

PAEONIAS.

Five varieties in the *Oilifolia* class including *Filicifolia* the gem of all vermillion, two weeks earlier than any other kind in crimson, red, pink and white. In *Chinensis* class, a choice selection in all colors from earliest to latest, all named. Write for prices.

A choice collection of 24 Japanese Kinds, some very striking and beautiful in stripes and colors.

F. A. BALLER, Bloomington, Ill.

TREES

Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collections in this country.

Gold Medal—Paris—Pan-American—St. Louis, 102 prizes New York State Fair, 1904.

Illustrated Descriptive Catalogue FREE on Request.

ELLWANGER & BARRY

Mt. Hope Nurseries, Rochester, N. Y.
Dracur 1044 Y Established 65 Years.

60,000 GRAFTED ROSES For Forcing

EXTRA FINE HEALTHY PLANTS. FREE FROM MILDEW.

LIBERTY, 3 1/2-inch pots, per 100.....\$ 18.00

BRIDESMAIDS, GOLDEN GATES, KAISERINS, 3 1/2-inch pots, \$15.00 per 100; per 1000..... 145.00

20,000 OWN ROOT ROSES

Liberty, Sunrise, Testout, La France, Helen Gould, 3-in. pots, per 100.....\$9.00

Brides, Bridesmaids, Perles, Golden Gates, Kaiserins, 3-in. pots, per 100..... 7.00

CHRYSANTHEMUMS.

Timothy Eaton, Ivory, W. H. Lincoln, Wm. Simpson, and other standard varieties. Price, per 100, \$2.50; per 1000, \$20.00.

J. L. DILLON, Bloomsburg, Pa.

Please mention the American Florist when writing.

ROSES Chrysanthemums

BARGAIN PRICES WHILE THEY LAST.

This stock is very fine and in nice condition for planting. We need the room badly, therefore wish to dispose of same quickly. Will exchange part for 2-inch smilax. Per 1000,

17,000 Brides, 2 1/4-inch pots.....	\$20 00
32,000 Maids, " "	20 00
5,000 Meteors, " "	20 00
2,000 American Beauties, 3-in. pots, very fine	70 00
2,000 Brides, 3-inch pots	30 00

250 at 1000 Rates.

2 1/4-inch Pots. Stock Very Fine.

G. Pacific,	Ivory,	H. Parr,
Maud Dean,	P. Rose,	J. K. Shaw,
Halliday,	Mrs. J. Jones,	
	\$3.00 per 100.	
Josephine,	Nagoya,	Chadwick,
	\$4.00 per 100.	
	Chautauqua Gold, \$6.00 per 100.	
	Dr. Urquhart, Wm. Duckham, \$8.00 per 100.	

LAKEVIEW ROSE GARDENS, JAMESTOWN, N. Y.

Please mention the American Florist when writing.

PAEONIAS.

We carried off the first prize for our exhibit of 100 blooms of *Festiva Maxima*, the grandest white Paeonia in existence.

We have a large stock of the true *Festiva Maxima* for September and October delivery; clumps average 3-7 eyes, at 10c per eye.

Write us for your wants in Paeonias. We carry the best cut flower sorts at reasonable prices.

VAUGHAN'S SEED STORE

 84-86 Randolph St., CHICAGO.
14 Barclay St., NEW YORK.

Greenhouses and Nurseries, Western Springs, Ill.

Please mention the American Florist when writing.

C. R. HILLS, Grand Rapids, Mich.

La Detroit, extra fine stock, while they last, 3-in. at \$6.00 per 100.

Chatenay, Perle and Sunrise, 3-inch at \$5.00 per 100.

Smilax, nice bushy plants, fine growth, 2 1/4-inch, \$1.50 per 100; \$12.50 per 1000.

Christmas Peppers, 2 1/4-in., \$2.00 per 100; \$17 50 per 1000.

Primulas, about August 1, all varieties, 2 1/4-inch, \$2.00 per 100.

Aster Plants all sold—order earlier next year. Stevia, nice, 2 1/4-inch, \$2 50 per 100.

If It Comes From HILL'S. It's All Right.

New Dahlias of Proved Merit.

Embracing a complete set of 12 New Century Dahlias; 25 New Cactus Dahlias; New Collerette Dahlias; New Giant-Flowered Dahlias; New Fancy Dahlias; New Decorative Dahlias; New Show Dahlies; New Single Dahlias. In all, 38 of the most wonderful Single Dahlias ever produced, and 44 of the grandest Double Dahlias.

All exquisite in form, shape and coloring; free bloomers and Money Makers. Faithfully and truthfully described in our new illustrated descriptive catalogue, mailed free upon request.

L. K. PEACOCK, Inc., Atco, N. J.

Hydrangea Otaksa.

Field-grown, fine plants, \$10.00, \$12.00, and \$15.00 per 100. A few extra fine pot-grown plants in 5 to 9-inch pots, 30c to 50c each. Order now for fall delivery. Cash with order or satisfactory references.

BAUR FLORAL CO., Erie, Pa.

YOU WANT ROSES?

ALL KINDS OF TEAS.

Especially Kaiserins, Woottons, Perles and MacArthur.

Ferns, Plumosus and Sprengeri.

Write GEO. A. KUHL, Pekin, Ill.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

At Washington.

The following are the scores made in a bowling match between the Florists' Club team and the Rathskellers June 28:

FLORISTS.				
Player.	1st.	2d.	3d.	Total.
Cooke	191	173	178	542
Simmons	186	179	190	555
Pippard	165	180	188	533
Shaffer	151	126	185	462
Ernest	140	165	130	435

RATHSKELLERS.				
Player.	1st.	2d.	3d.	Total.
Cox	156	201	219	576
Goodman	163	192	156	511
Baker	195	187	166	548
Caldwell	175	188	173	536
Campbell	172	167	195	534

S. E.

At Philadelphia.

The interest in bowling continues, the final contest for the convention team starting on the home alleys on July 6. There are then to be four matches on public alleys and a contest on the home alleys, the six men having the best averages to comprise the team. The following are the averages for June:

Moss	168	Habermehl	150
Connor	165	Watson	147
Polites	161	Gardner	145
Robertson	161	Yates	143
Harris	155	Baker	140
Anderson	155	Barton	134
Folck	155	Campbell	119
Dodds	154	Kift	152
Westcott	154	Gibson	152

The Philadelphia Florists' Gun Club did themselves and their craft proud, having lost only one match with all comers the past winter and won the prize open to the best shooting organizations of the city. There were eighteen matches in all; nine teams were in competition, there being one match on their own

grounds and one abroad. This gives the gunners of the club the undisputed championship of the city. K.

Detroit Florists' Club Outing.

It was a happy party of twenty-seven florists who took a special car to Toledo Thursday, June 29. Leaving Detroit at 8:30 a. m. with joyful spirits and favored with ideal weather the day's pleasures were most auspiciously begun. At Charles Werncke's place, Woodmere, a brief stop was made and the entire party photographed. Toledo was reached about 12 o'clock, where the party was met by the florists of that city and escorted to "The Farm," a delightful resort on the outskirts of the city. Here great preparations were made for our reception. The dining hall was lavishly decorated and the menu was varied and ample for the sharpened appetites of the visitors. George A. Heintz introduced George P. Beyer as toastmaster, who extended a hearty welcome to all in the name of the Toledo florists. After dinner President Robert Watson, of the Detroit Florists' Club, being called upon for remarks, graciously thanked the Toledo boys for the unbounded hospitality extended and invited them to return the visit to Detroit, promising them a most cordial reception. Secretary J. F. Sullivan in his remarks urged the organization of a club in that city, and outlined the many advantages following the combined efforts of florists.

A tour of the interesting points of the city began with a visit to a famous wine cellar. Here an immense cask was seen containing 36,000 gallons of wine and said to be the largest in the world. The several florists' establishments were then visited, also the conservatories of Walbridge park, where the courteous and efficient Assistant Superintendent Zeehms is in charge. Included in the many amusements of the day was the bowling on the fine alleys at "The Farm," where a contest between the prize bowlers of each city resulted in a victory by the visitors of ninety-five pins. The pleasantries of the day there ended with a delightful boat ride on the Maumee river and luncheon at the park casino.

At 10 o'clock the party started on its return trip, reaching Detroit after midnight.

The hospitality of the Toledo boys was certainly most cordial and the day spent in their company will long be remembered by the Detroit florists. There is a bright prospect for the organization of a club in that city in the near future, and prominent among the promoters are George A. Heintz, George P. Beyer, A. N. Peck, E. Studer, Thomas Magee, Otto Krueger, John Gratopp, E. A. Kuhnke, O. B. Wismer, W. E. Honberger, J. H. Siegrist, Charles Counter and John Barrow, and earnestly supporting the project is E. H. Cushman, Sylvania, Ohio, who joined the visitors. It is expected that several from Toledo will attend the convention at Washington. J. F. S.

Buffalo.

Stock is to be looked at, but not of the choicest quality; but outdoor sweet peas are coming in fine shape, a refreshing rain Saturday and Sunday doing a great amount of good. Summer trade and conditions are certainly with the Buffalo florists, although June ended in great splendor, several weddings taking place every day until Friday. There were two out-of-town weddings, for which S. A. Anderson had the decorations, one in Batavia and one in Idlewood.

It is pleasing to note that the window decoration in Edward Scenery's, Paterson, N. J., store was done by a former Buffalo boy. We are pleased to know that his work is so fine.

From reports there will be a great many florists here at the Elks' convention. As the Elks are called the best people on earth, why should not the florists all be Elks?

Palmer & Son had a triple wedding last week, which was a very large affair, taking place in one of our largest churches.

Now that the summer quietness is with us an effort is being made to close the stores evenings, except Saturday, at 6 p. m. Bison.



OUTING OF DETROIT FLORISTS' CLUB.

Detroit.

SPRING BUSINESS VERY BRISK.

Summer trade conditions have now settled down upon us after a month of extraordinary activity. A perceptible increase was noticed in all lines over the same period a year ago. Outdoor decorative planting received an impetus that entirely depleted the stock of all the growers. Commencement exercises called for an unusual amount of flowers, while the frequency of weddings materially assisted in keeping reduced the great quantity of flowers on the market, one of such occasions recently taking 1,400 lilies. There is at present many good carnations to be had, but roses are small and showing the effects of the excessive heat and the quantity much reduced because of many growers throwing out the old plants for the new stock. An increased number will be planted this year and probably less carnations, as there has been a surplus of the latter much of the time the past season.

NOTES.

Frank Holznaple, Highland Park, has purchased the greenhouse premises he has occupied the past nineteen years. It has a frontage of 220 feet on Woodward avenue and is 1,000 feet deep. He will devote much of the ground to herbaceous stock and will increase his glass area next year.

L. A. Rouston & Company have been incorporated with \$5,000 capital. The firm will take over the greenhouses in Springwell's and the store, 803 Michigan avenue. The incorporators are A. A. A. Rouston, Lillian A. Rouston and George F. Rykman.

Charles Plumb is putting in two new boilers, each 5 feet 6 inches in diameter by 16 feet long. The capacity of either is sufficient for his present needs, but he contemplates adding considerably to his glass area in the near future.

Alex Common, 894 Michigan avenue, has opened a branch store at 1407 Woodward avenue, at which place he also carries a line of fancy fruits.

Visitors: C. W. Ward, Queens, N. Y.; Herman Hart, Cleveland, O.; W. R. Stirling, Ridgetown, Ont.; W. A. Thompson, Brampton, Ont.; William Gammage, London, Ont.

J. F. S.

Albany, N. Y.

Fred Goldring, of Slingerland's, is engaged in tearing down two of his old houses, and will erect in their stead three modern houses, each 12x120 feet. Mr. Goldring has lately purchased the interest of the Hendrick estate in the property which he has occupied for some years, and is now the sole owner.

Lord & Burnham are about to begin the erection of a new iron-frame greenhouse 25x150 feet for Whittle Brothers, Madison avenue. The structure will be devoted to the growing of carnations.

Hitchings & Company, New York, have been awarded the contract for a new boiler for the park greenhouses for \$466.

R. D.

LENOX, MASS.—The annual rose and strawberry exhibition by the Lenox Horticultural Society was held June 23, and was an attractive affair. The rain of the day previous ruined many roses which were to have been shown. The next exhibition of perennials will be held August 24.

Hannah Hobart

The Pride of California

The grand prize winner in competition with the latest and very best products, east or west, for the last eight years.

Mr. John A. Balmer, of Clealum, Washington, after his visit to our nurseries in January 1902, wrote an article in the AMERICAN FLORIST, as follows: "The Hannah Hobart is really a remarkable flower, never less than four inches, and frequently four and one-half inches across. In color it is a shade deeper than Lawson, but the petal arrangement is quite different; in this respect it most resembles the old Jubilee, but of course the color is different. I saw two large houses of it at Sievers', and the sight is one long to be remembered, hundreds of blooms and not a poor one in the lot, and everyone the exact counterpart of the other, no hurst calyxes, but every flower supported on a 24-inch stem, and standing up like soldiers. There is certainly no carnation of its color that can equal it."

The above is a truthful statement of facts by a very competent gentleman, and if needing verification, the simple assertion that the flowers of this magnificent variety of Carnation have been sold wholesale as high as \$1.50 a dozen, and none less than \$1.00 per dozen up to date, should be enough to convince anybody of its intrinsic value.

The constant inquiry by everyone who has seen the plants in flower is: "When will the Hannah Hobart be for sale?" This led us at last to the conclusion to distribute the same next year, and we are ready to book orders from now on for delivery beginning Jan. 1, 1896. Send your orders in early because they will be filled strictly in rotation.

Price: \$3.00 per 12; \$15.00 per 100; \$120.00 per 1000.

JOHN H. SIEVERS & CO.
1251 Chestnut Street, SAN FRANCISCO, CAL.

Please mention the American Florist when writing.

SCOTTII

The Most Graceful Nephrolepis Known

Retailers who have handled this fern are unanimous in proclaiming it the best Fern ever introduced.

Consult any grower who has bought Scottii and he will tell you that it is as far ahead of the Boston as that variety is ahead of all other introductions.

See my adv. on second cover page in American Florist of Feb. 25th.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

BRANCH:

E. 45th St. and Rutland Road, Flatbush. TELEPHONE, 1207 WILLIAMSBURG.

Please mention the American Florist when writing.

LUDVIG MOSBAEK,

ONARGA, ILL.

- 20,000 Alternantheras, red and yellow, 2 1/4-in. Per 100 R. C. \$3.00 per 1000.....\$1.50
- 50,000 Asparagus, Plumosus and Sprengeri 3-inch, \$5.00..... 2.50
- 8,000 Coleus, standard varieties..... 1.50
- 30,000 Smilax, 2 1/4-in., \$15.00 per 1000..... 2.00
- 5,000 Umbrella Plants, 4-in., \$6.00 per 100..... 2.50
- 10,000 Vinca, 2 1/4-in. very strong \$2.50..... 1.50
- 5,000,000 Celery Plants, \$1.00 per 1000; trans. planted, \$2.00 per 1000.

All other Bedding and Vegetable Plants. Price List Mailed Free.

Please mention the American Florist when writing.

To Our Customers in the Western Passenger Association:

We can secure you a rate of one and one-fifth fare for the round trip to Chicago for the following dates: July 15, August 5, August 19, September 2, October 28. These tickets are good returning for about seventeen days. Those salable August 5th to 12th should be useful for florists coming to Chicago on their way to the Washington Convention from points in Western Passenger Association territory which includes states of Illinois, Iowa, Wisconsin, Nebraska, Minnesota, North Dakota and Kansas.

VAUGHAN'S SEED STORE, Chicago.

WANTED

50 Caroline Testout roses; 50 Kaiserin Augusta Victoria, 2-year old plants. Fine plants only desired. Write full particulars to

MRS. H. BURDEN, Cazenovia, N. Y.

The Beautiful Pink Carnation

CANDACE

\$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Dissemination 1906. Early commercial.

INDIANAPOLIS FLOWER & PLANT CO., Indianapolis, Ind.

Please mention the American Florist when writing.

CARNATIONS

SPEAK QUICK.

2,000 fine strong Carnation Plants from flats hardened off outside ready to plant. Queen Louise, \$20.00 per 1000; Joost, \$15.00 per 1000; Prosperity, \$2.00 per 100; 100 and over at 1000 rates. Send for Lists. Cash or C. O. D.

BENJAMIN CONNELL, West Grove, Pa.

Please mention the American Florist when writing.

"THE CARDINAL,"

\$12.00.

Crusader, \$6.00; Patten, \$8.00; Red Lawson, \$12.00; Flora Hill, \$5.00; White Lawson, \$8.00; "Fiancee," \$12.00 per 100.

CHICAGO CARNATION CO., Joliet, Ill.

Please mention the American Florist when writing.

CYCLAMEN

Splendens Giganteum Hybrids.

Finest strain in the world, in five true colors, extra well grown plants, from 2 1/2-inch pots, \$5.00 per 100, \$45.00 per 1000. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.

Please mention the American Florist when writing.

National Florists' Board of Trade,

Office: 56 Pine Street, New York.

Credit Reference Book. A subscription to our Credit List will cost you \$10 a year, and it may save you \$100 the first month. Special Reports. We make a specialty of this part of our work. Collections. We collect slow and doubtful accounts. Why not go through your books at once and send us all the claims that are in arrears?

Please mention the American Florist when writing.

Wm. P. Craig

Importer and Exporter.....

Plants, Bulbs and Seeds.

1305 Filbert Street

PHILADELPHIA.

Cleveland.

Before the present year is over Cleveland will have a municipal greenhouse. Director Leslie planned last year to erect a city greenhouse at Gordon park and an ordinance authorizing the appropriation of \$1,000 for this purpose was passed some months ago by the council. When bids were taken it was found that \$1,100 was the lowest obtainable figure and the ordinance was repealed later. Arrangements have now been made to build the greenhouse with the funds which are to be on hand for this year's improvements. About \$2,500 will be spent in the erection of the building. Geraniums and other bedding plants will be grown for use in the city parks.

OSAGE, IA.—The next meetings of the Perry Florists' Association will be held in Decorah, Ia., in July, with President W. T. Symonds presiding.

Violet Stock.

Finest obtainable; ready to plant now. Imperial and Marie Louise, 2 1/4-inch pots, \$3.00 per 100; \$25.00 per 1000.

Crabb & Hunter. Grand Rapids, Mich.

PRIMROSES Sinensis, finest mixed, 2-in., \$2.00 per 100. Rotted 2-in. Cuttings, plants Per 100 Per 100

Fuchsias, 5 kinds..... .75 1.50
Roses, Ivory, Golden Gate..... 2.00
Smilax Seedlings, 30c per 100.

Cash. Direct all orders plainly to

BYER BROS., Chambersburg, Pa.

25,000 **SMILAX** 25,000

Strong young plants from 2 1/4-in. pots, ready for planting, \$1.25 per 100, \$12.00 per 1000. Cash.

The W. T. BUCKLEY CO.,
SPRINGFIELD, ILL.

Choice Roses

Bride, 3 1/4-inch pots..... \$4.00
Ivory, 3 1/2-inch pots..... 4.00
Bridesmaid, 3 1/2 inch pots..... 4.00

All on their own roots. Best value ever offered. Order quick. Address

JNO. A. KEPNER, P. O. BOX 3
HARRISBURG, PA.

Rose Plants.

BRIDES, MAIDS, GOLDEN GATE, few IVORY, 2 1/2-inch pots, to close them out, \$2.00 per hundred.

MARION FLORAL CO., Marion, Ind.

Fine Young 'Mums

From pots and bench, at \$2.00 per 100.

- 1,000 Appleton
- 500 Perrin
- 500 Robinson
- 300 Henderson

Will exchange for Palms, Ferns and Peonies.

FURROW BROS.,

GUTHRIE, OKLAHOMA.

Rooted Cuttings of

Mme. Bergman, Willowbrook,
October Sunshine, Pink Ivory,
Opah, Major Bonnaffon,
These at \$10.00 per 1000.

From 2-inch Pots:

2000 Major Bonnaffon, 2000 Mme. Bergman,
3000 October Sunshine, 3000 Willowbrook,
3000 Opah, 2000 Pink Ivory.
These at \$2.00 per 100; \$15.00 per 1000.

ELI CROSS, Grand Rapids, Mich.
Please mention the American Florist when writing.

CHRYSANTHEMUMS

Planting Time At Hand.

BEST STANDARD VARIETIES IN STOCK.
Send List for Best Quotations.

NATHAN SMITH & SON,
Adrian, Mich.
Please mention the American Florist when writing.

Chrysanthemums.

New and Standard Varieties.

Fine plants, now ready. 2 1/2-inch pots.
Write for List and Prices.

H. WEBER & SONS,
OAKLAND, MD.
Please mention the American Florist when writing.

GOOD ROSES Strong, Clean Plants, Not Rejects or Culls.

2 1/2-in. 3-in. 4-in.
Brides, Meteors, Golden Gates, \$2.50 \$4.50
Bridesmaids..... 4.50
American Beauties..... 6.00 \$10.00
Hermosa, C. Soupert..... 2.50 5.00 8.00

FERNS—ASPARAGUS.

Choice Boston Ferns, 6-in., 50c each; 7-in., 75c; 8-in., \$1.00.

Asparagus Plumosus, in fine shape to retail now at large profit, 4-in., \$15.00; 5-in., \$25.00 per 100.

Sprengeri, 3-in., \$5.00; 4-in., \$8.00 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.
Please mention the American Florist when writing.

CHRYSANTHEMUMS.

Charles H. Totty,

MADISON, N. J.

SPECIALTIES

ROSES, from 3-inch pots, In Best
CARNATIONS, for fall delivery, Varieties
CHRYSANTHEMUMS,
SMILAX, VIOLETS.

Prices Low. Send for List.

WOOD BROTHERS, Fishkill, N. Y.

CHRYSANTHEMUMS Young Plants, 2 1/2-in. Pots.

Mrs. J. Jones, Mrs. Perrin, White and Pink Ivory, Mrs. Robinson, White Bonnaffon, Mav-dower, \$2.50 per 100; Golden Wedding, \$3.00 per 100. Dracaena Indivisa, 5-inch, 20c each; 2 inch, \$2.00 per 100.

Asperagus Sprengeri, 2-inch, \$2.00 per 100.
WM. B. SANDS, Lake Roland, Ill.

Palms and Asparagus CHEAP.

Per 100
Lafania Bor., 2-in. pot, seed leaves.. \$ 3.00
" " 3-in. pot, 15-18 in., 8 chr. lvs. . . 12.00
" " 5-in. pot, 18-20 in., 3-4 chr. lvs. 15.00
" " 5-in. pot, 20-24 in., 4 chr. lvs. 20.00
Kentia Bel., 2 1/4-in. pot, 6- 8 in., 2-3 leaves.. 10.00
" " 3 -in. pot, 8-10 in., 3-4 leaves.. 12.50
Asparagus Plumosus Nanus, 2-inch..... 2.50
" " " 3-inch..... 5.00

SHERMAN NURSERY CO.,
CHARLES CITY, IA.

Please mention the American Florist when writing.

Red Sport.

The great Christmas "Hollyherry" red Carnation. Most profitable red ever introduced, and an easy doer; everybody can successfully grow it.

A. B. DAVIS & SON, Carnation Specialists,
PURCELLVILLE, VA.

Please mention the American Florist when writing.

S. S. SKIDELSKY,

824 No. 24th Street,
PHILADELPHIA.

Correspondence Solicited.

Please mention the American Florist when writing

JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
ROSES, PALMS,
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

Please mention the American Florist when writing.

BEGONIA

Gloire de Lorraine.

2-inch pots, fine stock, \$12.00 per 100.

TURNFORD HALL, 2-inch pots, \$15.00 per 100.

JULIUS ROEHRS CO., Rutherford, N. J.

Please mention the American Florist when writing

BOSTON FERNS

PALMS, DRACAENAS, CERANIUMS, COLEUS, and general bedding stock in large quantities. Write for prices. Cash or satisfactory references.

L. H. Foster Estate, 45 King St.,
DORCHESTER, MAS S
Please mention the American Florist when writing.

Asparagus Seedlings

From flats. Well grown and thrifty.
Plumosus Nanus..... \$10.00 per 1000
Sprengeri..... 8.00 per 1000
Large 3-inch Plumosus Nanus..... 25.00 per 1000
Cash with order, prepaid. Get our prices on large lots.

Yalaha Conservatories, YALAHA, Lake Co., Fla.
Please mention the American Florist when writing.

Kaiserin Roses

Strong, healthy stock, 4-inch, 8c.; 3-inch, 3 1/2c. Brides and Maids, old stock, 3c each. Write for prices on large lots.

MRS. A. M. SCHAFER,
229 Balmoral Av., CHICAGO.
Please mention the American Florist when writing.

ROSES 2 1-2-in. Pot Plants.

Rosalind Orr English.....	Per 100 \$25.00	Per 1000 \$200.00	American Beauty.....	Per 100 \$ 5.00	Per 1000 \$40.00	Kaiserin, 3-inch pots.....	Per 100 \$5.00	Per 1000 \$15.00
Perle von Godesberg.....	5.00	40.00	La Detroit.....	6.00	50.00	Uncle John and Chateaux, 3-in. 4 (0		35.00

CHATENAY and UNCLE JOHN reduced to \$3.00 per hundred; \$25.00 per thousand.

AM. BEAUTY BENCH PLANTS, per 100.....\$5.00; per 1000.....\$40.00

All plants and rooted cuttings sold under the express condition that if not satisfactory they are to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave., CHICAGO.

Please mention the American Florist when writing.

A FEW GOOD THINGS YOU WANT.

DRACAENA INDIVISA, 3, 4, 5-inch, \$5.00, \$10.00 and \$25.00 per 100.

ASPARAGUS PLUMOSUS, 3-inch, \$5.00 per 100.
GERANIUMS, S. A. Nutt, Castellane, John Doyle, Perkins, Single and Double, Gen. Grant, La Favorite, Mme. Sallerot, 2-in. pots, \$2.50 per 100; 3-in., \$5.00 per 100.

VINCA VARIEGATA, 2-inch, \$2.00 per 100.
REX BEGONIAS, nice plants, 2 and 2½-in., \$5.00 per 100.

BOSTON FERNS, 5-inch, 30c each.
 A nice lot of **MADE-UP KENTIA PALMS**, in 8-in. and 9-in. pots, at \$3.00 to \$5.00 each. Splendid plants for decoration.

CASH WITH ORDER.

GEO. M. EMMANS, NEWTON, N. J.
Please mention the American Florist when writing.

Geraniums.

Good 4-inch stock, \$6.00 per 100; 2½-inch, \$2.00 per 100.

Vines Variegata, 2½-inch, very strong, \$4.00 per 100; second size, \$2.00 per 100.

GEO. BISCHOFF, Ann Arbor, Mich.
Please mention the American Florist when writing.

JOSEPH HEAGOCK, WYNCOTE, PA.
 —GROWER OF—

Kentia Belmoreana and Kentia Forsteriana
Please mention the American Florist when writing.

Orchids!

Arrived in superb condition **Cattleya Schroederae**, **C. Trilobes**, **C. Cigaa**, **C. Warneri**, **C. Dowiana**. Write for prices.

Lager & Hurrell, SUMMIT, N. J.
 Orchid Growers and Importers.
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ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the World.

SANDER, St. Albans, England.
 Agent, A. DIMMOCK, 31 Barclay St., NEW YORK CITY
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HINODE FLORIST CO. .. JAPANESE NOVELTIES...

TINY PLANTS, in 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100.
RHAPIS, 5 to 15 shoots, 50 cents each.

LARGEST GROWERS OF EASTER LILIES.
WOODSIDE, N. Y. and WHITESTONE, L. I., N. Y.
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PALMS 1657-1659 BUCKINGHAM PLACE **CHICAGO** **FERNS**

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Smilax. Sprengeri.

Well grown, carefully packed plants, in any quantity, \$1.50 per 100; \$12.50 per 1000.

Well grown, carefully packed plants, in any quantity, \$2.00 per 100; \$15.00 per 1000.

—150,000 to select your order from.—

PLUMOSUS, DEFLEXUS, DECUMBENS, GERANIUMS, PANSIES.

Send for Summer Price List.

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Primroses Asparagus

CHINESE OBCONICA and FORBESII, July 10..... per 100, \$2.00
CINERARIA, ready September..... per 100, \$2.00

Plumosa Nanus, 2½-in. pots... per 100, \$3.00
PANSY SEED, large flowering, July..... Oz. 4 00
CASH or C. O. D.

JOS. H. CUNNINGHAM, Delaware, Ohio.

Poinsettias

July and August delivery, 2½-inch, \$5.00 per 100; \$40.00 per 1000.

BENTZEN FLORAL CO. St. Louis, Mo.
Please mention the American Florist when writing

Cyclamen Giganteum.

Our well known strain in separate colors. Fine, strong, healthy plants: 2½-inch, \$5.00 per 100; 3 inch, \$8.00 per 100. Satisfaction guaranteed.

LEHNIG & WINNEFELD HACKENSACK, N. J.

Asparagus Plumosus.

Nice stock from 2-in. pots, \$2.25 per 100; \$20.00 per 1000; not less than 500 at 1000 rates.

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It is good business policy to mention
 The....
AMERICAN FLORIST
 When you write to an advertiser

NEPHROLEPIS PIERSONI ELEGANTISSIMA

Grand stock—In all sizes. Very popular in New York and all the large cities.

Unprecedented Sale of Large Specimens.

A splendid investment to plant NOW for the fall trade. Prices from 75c each; \$9.00 per dozen; \$50.00 per 100, up to \$2.00, \$3.00, \$5.00, \$7.50 each. Satisfaction guaranteed.

F. R. PIERSON CO., Tarrytown, N. Y.

Seasonable Stock.

IN EASTER LILIES, HYDRANGEAS, GENISTAS, SPIRAEA GLADSTONE, RHODODENDRONS.

Palms, Ferns and Decorative Stock.

R. DREYER, WOODSIDE, L. I., N. Y.

Pittsburg.

Excavations for a new building next to the Florists' Exchange building in Diamond street, so weakened the foundation of the Exchange building that a collapse is possible at any moment. The department of public safety has ordered the Exchange to vacate the building, and Mr. Demas has secured quarters on the opposite side of the same street, so hereafter until further notice the Exchange will be located at numbers 237, 239 and 241 Diamond street.

THE CLUB OUTING.

The club outing which takes place July 12 will be the largest event of its kind in the history of the club. Special thought and consideration have been provided for the entertainment of the ladies and children and it is sincerely hoped that they will honor the club, as they may be assured of a delightful time. The excursion steamer Francis Torrence has been engaged for that day, and will leave the wharf at 8:30 a. m., and proceed up the river to Moss Grove, where the day will be spent. The wholesale and retail houses will provide prizes for the various races and games that will be arranged by the committee, and a plentiful supply of refreshments will be served. Moss Grove is a delightful spot and affords best of shelter in case of inclement weather. The large dancing pavilion is one of the features and the committee will see that the musical programme will be first-class.

NOTES.

The Pittsburg Cut Flower Company is constantly on the alert for new business, and every few days some novel and attractive advertisement featuring certain specialties is sent out.

After a number of experiments with their new refrigerator, J. B. Murdoch & Company have adjusted the causes which produced detrimental results to the stock enclosed.

W. B. Flemm is occupying his new home at Freeport, on the Allegheny. The architectural design is English colonial.

Our local wholesale houses report that a steady business continued throughout June.

A number of the wholesale houses

WRITE

A. F. Kohr
1521-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for strength and porosity combined are the best on the market

Kramer's Pot Hangers

For Sale By Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids Iowa.

will be deserted on the outing day, July 12.

Nearly all the stores were closed on the glorious Fourth.

Vacations are now in order. E. L. M.

ANDOVER, MASS.—Albert G. Moody had the decorations at the Horrocks-Davis wedding last week. The ceremony was performed under a large bell made of white carnations suspended by white ribbons. Banked palms and plants formed the remaining decorations of the room.

RED POTS

SAMPLE POT AND PRICE LIST ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.....

STANDARD FLOWER POTS !

Packed in small crates, easy to handle.

Price per crate		Price per crate	
1500 2-in., in crate, \$4 88		120 7-in., in crate, \$4.20	
1500 2 1/4 " " 5.25		80 8 " " 3.00	
1500 2 1/2 " " 6.00		HAND MADE.	
1000 3 " " 5.00		48 9-in., in crate, \$3 60	
800 3 1/2 " " 5.80		24 10 " " 4.30	
500 4 " " 4.50		24 11 " " 3.60	
300 5 " " 4.51		24 12 " " 4.80	
144 6 " " 3.16		12 14 " " 4.80	
		6 16 " " 4.50	

Seed pans, same price as pots. Send for price list Cylinders for Cut Flowers, Hanging Baskets, Lawn vases, etc. Ten per cent off for cash with order. Address

HILFINGER BROS. POTTERY, Fort Edward, N. Y. Or AUGUST KOLKER & Sons, New York Agents, 31 Barclay Street, New York City.

ELECTROS...



For Catalogue Purposes.

WE have a large assortment of strictly high-class halftones of which we can supply electros suitable for catalogue illustration. If you need anything in this way, state your requirements and we will submit proofs of the illustrations in stock

Price for cash only 15 cents per square inch.

THE AMERICAN FLORIST CO.,
.....324 Dearborn St., CHICAGO.

THOSE RED POTS

"STANDARDS"

FULL SIZE AND WIDE BOTTOMS. BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,

HARRY BALSLEY, DETROIT, MICH.,
490 Howard St.,
Red.

Standard Flower.. POTS

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....

W. H. ERNEST.

38th and M Streets, WASHINGTON, D. C.



GEO. KELLER & SON,

MANUFACTURERS OF

FLOWER POTS.

Before buying write for prices.

361-363 Herndon Street,
near Wrightwood Ave.,
CHICAGO, ILL.

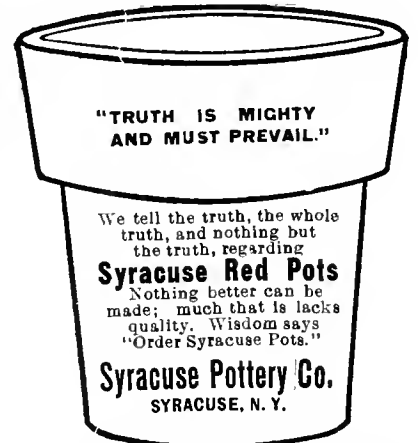
Red Standard Flower Pots

Price list and samples on application.

Paducah Pottery,

J. A. BAUER, Proprietor.

PADUCAH, KENTUCKY.



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THE KELLER POTTERY COMPANY,

Manufacturers of **FLORISTS' RED STANDARD POTS.**

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.

Standard Flower Pots

The WHILLDIN POTTERY COMPANY,

PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

POT MAKERS FOR 140 YEARS
A. H. HEWES & Co. Inc. CAMBRIDGE, MASS.
EVERY KIND OF FLORIST WARE

Please mention the American Florist when writing.

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"Kinkaid" Hocking
 Kanawha Splint
 Lower Vein Brazil Block
 Genuine Smokeless Pocahontas
 Sullivan County Indiana Lump

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We are direct agents. Write for prices for immediate shipment or season's supply.

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CUT FLOWER BOXES

WATERPROOF
 Corner Lock
 Style.

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

Size No. 0.	3x 4x20	\$2.00	\$19.00
" 1.	3x 4½x16	1.90	17.50
" 2.	3x 6x18	2.00	19.00
" 3.	4x 8x18	2.50	23.00
" 4.	8x 5x24	2.75	26.00
" 5.	4x 8x22	3.00	28.50
" 6.	4x 8x28	3.75	36.00
" 7.	6x16x20	5.50	54.00
" 8.	3x 7x21	3.00	28.50
" 9.	5x10x35	6.50	62.00
" 10.	7x20x20	9.50	87.50
" 11.	3½x5x30	3.00	28.50

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

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 Producer, Jobber and Prompt Shipper of Bituminous Coal. Attractive prices on Alam Creek, Pocahontas Smokeless, W. Va. Splint, Brazil Block, Indiana Hocking Lump and other grades.

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Cape Flowers, all colors,
 Cycas Leaves, Metal Designs,
 and All Florists' Supplies.

SEND FOR PRICES.
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10,000, \$1.50; 50,000, \$6.25. Manufactured by
W. J. COWEE, BERLIN, N. Y.
 Sample free. For sale by dealers.

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—Large runs of—

CATALOGUES

Our Specialty. Write for Figures.
 83-91 Plymouth Place, CHICAGO.

L. BAUMANN & CO.,

Importers and Manufacturers of
Florist Supplies

76-78 Wabash Ave., CHICAGO.
 Write for our New Catalogue F. Our prices may interest you.

Tobacco Dust FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET, NEW YORK.

ROSSIG BROTHERS, —MANUFACTURERS OF— Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway. NEW YORK.

Driven Here by Success. We've Moved to Our Own New Building, 1220 Race Street.

M. RICE & CO.

Leading Florists' Supply House.
 Ribbon Specialists.

Importers and Manufacturers,
 1220 Race Street,
 Philadelphia, Pa.

The Standard VENTILATING MACHINERY



The original machine with self-oiling cups. The most powerful, least complicated, very compact, with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only Drip Proof gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its working. Catalogue free.

E. HIPPARD, Youngstown, Ohio.
 Please mention the American Florist when writing.

The Florists' Hail Ass'n.

Now insures upwards of 21,000,000 square feet of Glass. For particulars address

John G. Esler, Sec'y.
 SADDLE RIVER, N. J.
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—MODEL EXTENSION—

Carnation Supports

Galvanized Wire Rose Stakes, Tying Wires, Single & Double Pot Hangers.

WRITE US.

Igoe Bros., 226 North 9th St. BROOKLYN, N. Y.

Clipper Lawn Mower Co. DIXON, ILL.



The Mower that will Kill all the Weeds in Your Lawn. If you keep the weeds cut so they do not go to seed and cut your grass without breaking the small feeders of roots, the grass will become thick and the weeds will disappear.

The Clipper will do it. Ask your dealer for them. If they have not got them, below is the price: No. 1—12-in. Mower, \$5; No. 2—15-in. Mower, \$6; No. 3—18-in. Mower, \$7; No. 4—21-in. Mower, \$8. Send draft, money-order or reg. letter.
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REED & KELLER, NEW YORK. Importers and Manufacturers of FLORISTS' SUPPLIES

Galax Leaves and all Decorative Greens.
 New York Agents for Caldwell's Monroc, Ala. "Parlor Brand" Smilax.

Toronto.

Business the past week has been poor and in no line has there been a demand for flowers. Peonies are at present in full crop and are a glut on the market. Good carnations of all colors are overplentiful and even the best of roses are not moving. American Beauty hold their quality wonderfully well, the buds still having good color and being of large size. Mme. Chatenay, General MacArthur and Victoria are all in fine shape and Bridesmaid and Bride have improved the past week.

NOTES.

A. Jennings, manager of the floral department at Eaton's, and Thomas Manton have left for Winnipeg, where they are putting up the decorations for the new branch of the Eaton department store. Tom has taken a carload of palms and many cut peonies and Liliun candidum is also being used.

A new flower store is to be opened at 96 Yonge street, under the name of the Rosary. This is in one of the busiest parts of the city and a good transient trade should respond. The store is being fitted in elaborate style and will be one of the best, though the show window is on the small side.

Thomas Plumb has been making a specialty of gladiolus, and has his store window decorated with light colors. Canadian growers as a rule have been dilatory in taking hold of the good forcing varieties which now exist.

Liliun auratum is being grown to a larger extent than is usual here. Some of the flowers are quite good, while others seem inferior and are so varied in their markings that there seem to be four or five varieties.

William McKay is cutting quantities of centaurea, those in mauve, white and yellow shades being desirable for the retail trade.

Outdoor planting still continues. William Tolhurst has been planting some good beds at the island. H. G. D.

Des Moines, Ia.

William Trillow has the plant business of the Iowa Seed Company well in hand. Two of his houses at the present time are filled with soft-wood cuttings of shrubs. The entire place is looking extremely well under his management and strong efforts are being made to gain a standing in the wholesale plant trade. Among other things Mr. Trillow has a novelty in a silver variegated S. A. Nutt geranium, which will make a hit with the trade as soon as it is put out.

MASTICA

TRADE MARK REGISTERED.

FOR GLAZING GREENHOUSES

SOLE MANUFACTURERS

F. O. PIERCE COMPANY

NEW YORK

AT ALL SEED STORES

GLASS.

**GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.**

Warehouse on railroad switch. **Be sure and get our prices.**

Sharp, Partridge & Co.

22nd St. and Union Place, CHICAGO.

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D. O. Cunningham Glass Co.

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.

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GREENHOUSE GLASS

A SPECIALTY.

Window Glass, Paint, Putty, etc.

80-82 Wabash Avenue and 34 to 40 South Water Street, CHICAGO.

Sprague Smith Company,

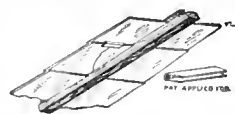
JOBBERS AND MANUFACTURERS OF **WINDOW GLASS.**

Greenhouse Glass A SPECIALTY.

205 Randolph Street, CHICAGO.

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PEERLESS GLASS REPAIR CLAMP



To mend cracked glass immediately and permanently.
Box of 150, \$1.00.
For sale by jobbers or address

ALEXANDER KLOKNER, Wauwatosa, Wis.

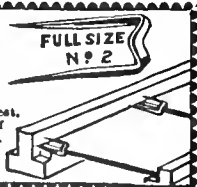
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Holds Glass Firmly

See the Point **PEERLESS**

Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.

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Window Glass, Paints and Putty. Greenhouse Glass a Specialty.

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STENZEL GLASS CO., GREENHOUSE GLASS.

French and American "WHITE ROSE" Brand.

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SALE OF Boiler Tubes.

16 CAR LOADS of fine 4-inch tubes, suitable for use of Greenhousemen and Florists. They are rattled and are heavy tubes. Just what you need. We can make quick delivery. We will quote you prices if you will advise us how many you can use. We advise purchasing in carload lots, as we can make extremely low prices in quantities.

In Addition to the Above, We have For Sale Everything in the Way of SUPPLIES Such as You Are Using.

- WROUGHT IRON PIPE, sizes from $\frac{3}{8}$ -in. to 14-inch.
- BOILER TUBES, sizes from $1\frac{1}{2}$ -in. to 8-in.
- 50 HORIZONTAL TUBULAR BOILERS, from 10 to 200 horse-power.
- 1,000,000 square feet of SASH from the St. Louis World's Fair.
- LUMBER, GARDEN HOSE, Etc.

ASK FOR OUR CATALOGUE NO. 47.

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West 35th and Iron Sts., CHICAGO.

Please mention the American Florist when writing.

PUMPS Rider-Eriesson. Second-hand, from \$40.00 up; all repairs; other makes; new; cheap.

BOILERS New and second-hand. One second-hand steam; first-class condition; will heat 1,000 sq. ft. glass; at \$35.00. One second-hand No. 17 Hitchings boiler, first-class condition, \$75.00.

PIPE New 2-in. standard full lengths, with couplings, 8 $\frac{3}{4}$ c per ft. Good, serviceable second-hand, with threads, 4-in., 19c; 3-in., 14c; 2 $\frac{1}{2}$ -in., 10c; 2 in., 7c; 1 $\frac{1}{2}$ -in., 5 $\frac{1}{2}$ c; 1 $\frac{1}{4}$ -in., 3 $\frac{1}{2}$ c; 1-in., 3c; 4-in., cast iron, 12c. Old and new fittings and valves.

STOCKS and DIES New Economy, best made, No. 1 threads, $\frac{3}{4}$ -in., $\frac{1}{2}$ -in., 1-in. pipe, \$3.00. No. 2 threads, 1 $\frac{1}{4}$ -in., 1 $\frac{1}{2}$ -in., 2-in. pipe \$4.00.

PIPE CUTTERS New Saunders Pattern. No. 1 cuts $\frac{3}{8}$ -in.-1-in. pipe, \$1.00. No. 2 cuts 1-in.-2-in. pipe, \$1.30.

STILLSON WRENCHES New, 18-in., grips $\frac{1}{2}$ -in.-2-in. pipe, \$1 65; 24-in., grips $\frac{1}{2}$ -in.-2 $\frac{1}{2}$ -in. pipe, \$2.40; 36-in., grips $\frac{1}{2}$ -in.-3 $\frac{1}{4}$ -in. pipe, \$4.75.

PIPE VISES New, No. 1 hinged, grips $\frac{1}{2}$ -in.-2-in. pipe, \$2 00.

GARDEN HOSE New, $\frac{3}{4}$ -in., guaranteed 100-lbs. pressure, 7 $\frac{1}{2}$ c per ft.; $\frac{1}{2}$ -in., not guaranteed, 4 $\frac{1}{2}$ c per ft.

HOTBED SASH New, Cypress, 3-ft. x 6-ft., from 70c up; glazed, complete, from \$1 60 up. Second-hand, as good as new, complete, at \$1.25 and \$1.00 each.

GLASS New, American, 50 sq. ft. to the box, 10x12, at \$1.75. 10x12, 12x12, B double, at \$2.40. 12x14, 12x16, 12x20, 14x14, 14x16, 14x20, 16x16, 16x18 B double, at \$2.60. 16x20, B double, at \$2.80. 16x24, B double, at \$2.95. 10x12, single, at \$1 70. Old 10x12, single, at \$1.40.

RADIATORS Steam, as good as new, 16c per pipe.

Write for our prices on Cuff Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, etc.

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BEST AND CHEAPEST ALL-ROUND INSECTICIDE as Market.

ROSE LEAF EXTRACT OF TOBACCO INSECTICIDE

For Sale by Seedsmen. For Free Pamphlet Write to The Kentucky Tobacco Product Co., Louisville, Ky.

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Material for our Patent Short Roof Houses as per cut and all other styles of Construction, either of Washington Red Cedar or Louisiana Cypress.



Dietsch & Co.'s Short Roof Style of Houses Can be seen at George Reinberg, 303 Baltimore Avenue, Chicago.

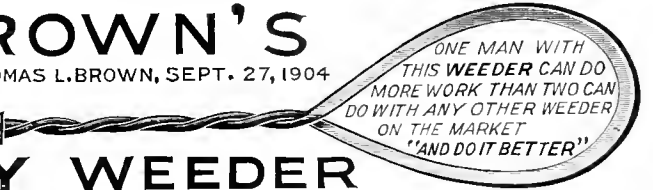
Quality Invariably the Best that Can Be Produced.

A. DIETSCH COMPANY, Patentees

615-621 Sheffield Ave., CHICAGO, ILL.

BROWN'S

PAT. BY THOMAS L. BROWN, SEPT. 27, 1904



EASY WEEDER

This new idea as a weeding device has made itself an immediate favorite wherever tried.

Especially Adapted for Working Among Carnations, Roses, etc.

Equally as valuable to the Market Gardener as it is to the Florist, and in private gardens it is bound to become a general favorite.

Will More Than Pay for Itself in One Day's Use.

The inner edge is sharp, takes out all the weeds, makes the hard places easy to reach, and works the surface to a fine mulch.

Ask for circular, giving testimonials from some of the largest growers.

SOLD BY SEEDSMEN EVERYWHERE.

PRICES, prepaid: Each, 35c; quarter dozen, \$1.00; dozen, \$3.00.

ALFRED J. BROWN SEED CO.

Sole Agents for the United States, Canada and Great Britain.

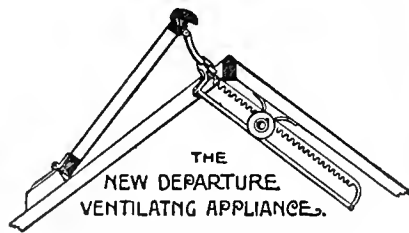
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Boiler Tubes and WROUGHT IRON PIPE, all sizes, for immediate shipment, at lowest prices.

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CHEAPEST AND BEST.

If you doubt it try them and be convinced. Send for descriptive price circular.

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Only Fertilizer that will satisfy you. Blatchford's Plant Grower and Land Renovator.

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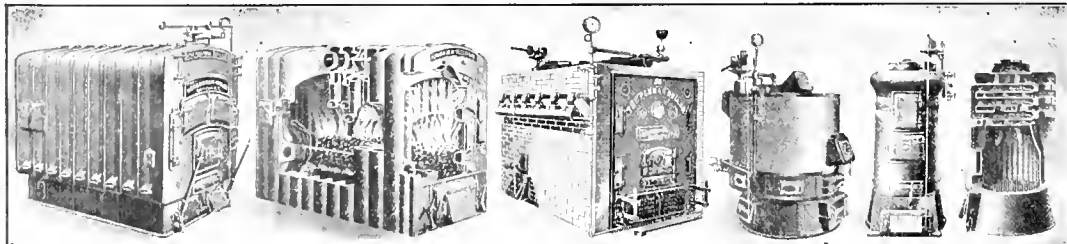
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Alternantheras—Alternantheras, red and yellow, \$2 per 100. Jos. H. Cunningham, Delaware, O.

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Asparagus—A. plumosus, 4-in., \$15 per 100, 5-in., \$25; A. Sprengeri, 3-in., \$5 per 100, 4-in., \$8. W. H. Gullett & Sons, Lincoln, Ill.

Asparagus—A. plumosus, 3-in. pots, \$5 per 100. Geo. M. Emmons, Newton, N. J.

Asparagus—Asparagus plumosus nanus, 2-in., \$2.50 per 100; 3-in., \$5 per 100; A. Sprengeri, 2-in., \$2 per 100; Sherman Nursery Co., Charles City, Ia.

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Bedding Stock—Asters, Semple's Branching, 4 colors, 40c per 100 by mail, \$2.50 per 1,000 by express; baby primrose seedlings, 75c per 100. Byer Floral Co., Shippensburg, Pa.

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Bedding Stock—Geraniums, colors and general bedding stock, in large quantities. L. H. Foster Estate, Dorchester, Mass.

Bedding Stock—Geraniums, 3-in., \$5 per 100; colors, \$2 per 100. W. H. Gullett & Sons, Lincoln, Ill.

Bedding Stock—Alternantheras, red and yellow, R. C., \$3 per 1,000; \$140 per 1,000. Ludvig Moshaek, Onarga, Ill.

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Roses—All leading American and European varieties. Dingee & Conard Co., West Grove, Pa.

Roses—2 1/2-in pot plants; Rosalind Orr English, \$25 per 100, \$200 per 1,000; Perle von Godesberg, \$5 per 100, \$40 per 1,000; A. Beauty, \$5 per 100, \$40 per 1,000; La Detroit, \$6 per 100, \$50 per 1,000; Chateaux and Uncle John, \$3 per 100, \$25 per 1,000; 3-in., \$4 per 100, \$35 per 1,000; Kaiserin, 3-in., \$5 per 100, \$45 per 1,000; A. Beauty, bench plants, \$5 per 100, \$40 per 1,000. Peter Reinberg, 51 Wabash Ave., Chicago.

Rosea—Field grown and for forcing. W. & T. Smith Co., Geneva, N. Y.

Rosea—Ivory, G. Gate, 2-in., \$2 per 100. Byer Bros., Chambersburg, Pa.

Roses—From 3-in. pots in best varieties. Wood Bros., Fishkill, N. Y.

Roses—Plants for immediate shipment; Uncle John, 3 1/2-in., \$3 per 100, \$25 per 1,000; 2-in., \$2 per 100, \$15 per 1,000; Bridesmaid, 2-in., \$2.50 per 100, \$20 per 1,000; A. Beauty bench plants, \$3.50 per 100, \$25 per 1,000. J. A. Budlong, 37-39 Randolph St., Chicago, Ill.

Roses—Bride and Bridesmaid, 4-in., \$4.50 per 100; MacArthur, 4-in., \$10 per 100; good, clean healthy stock ready for immediate shipment. Cash with order. Robert M. Schultze, Rosedale Greenhouses, Madison, N. J.

Roses—Liberty, 3 1/2-in. pots, \$18 per 100; Bridesmaid, G. Gate, Kaiserin, 3 1/2-in. pots, \$15 per 100, \$145 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Roses—Bride and Bridesmaid, 2 1/4 and 4-in. pots, own and grafted roots. W. H. Elliott, Brighton, Mass.

Rosea—Young stock of roses ready to ship; from 2-in. pots; Bride, \$3 per 100, \$25 per 1,000; Bridesmaid, \$3 per 100, \$25 per 1,000; Meteor, \$4 per 100, \$30 per 1,000; Golden Gate, \$3 per 100; \$25 per 1,000; Chateaux, \$3 per 100, \$25 per 1,000; Kaiserin, \$4 per 100, \$35 per 1,000. Wieter Brothers, 51 Wabash Ave., Chicago.

Roses—Bride, Bridesmaid and Meteor, 2 1/4-in. plants, \$22.50 per 1,000; 3-in., \$30. L. B. Coddington, Murray Hill, N. J.

Roses—Grafted, Liberty, 3 1/2-in. pots, \$18 per 100; Bridesmaid, G. Gate, Kaiserin, 3 1/2-in., \$15 per 100, \$145 per 1,000; own root stock, Liberty, Sunrise, Testout, La France, Helen Gould, 3-in., \$9 per 100; Bride, Perle, Bridesmaid, G. Gate, Kaiserin, 3-in., \$7 per 100. J. L. Dillon, Bloomsburg, Pa.

Rosea—Ivory, G. Gate, 2-in., \$2 per 100. Byer Bros., Chambersburg, Pa.

Roses—Planta, 3 1/2-in. pots, \$6 per 100; Bride, Bridesmaid, Perle, Meteor, Chateaux, Hoste, Sunaet, Sunrae, G. Gate, Ivory. P. R. Quinlan & Co., Syracuse, N. Y.

Roses—Kaiserin roses, 4-in. 8c; 3-in. 3 1/2c; old stock, Bride and Bridesmaid, 2c each. Large lots. Mrs. A. M. Schafer, 239 Balmoral Ave., Chicago.

Roses—Choice rose stock, Killarney, Bride and Bridesmaid from 2 1/2-in. and 3 1/2-in. pots. John Young, 51 W. 28th St., N. Y.

Roses—Bride, Meteor, G. Gate, 2 1/4-in., \$2.50 per 100, 3-in., \$4.50; Bridesmaid, 3-in., \$4.50 per 100; A. Beauty, 3-in., \$6 per 100, 4-in., \$10; Hermosa, C. Souper, 2 1/4-in., \$2.50 per 100, 3-in., \$5, 4-in., \$10. W. H. Gullett & Sons, Lincoln, Ill.

Rosea—Bride, Bridesmaid, G. Gate, Chateaux, Liberty and Meteor, 3-in., \$4 per 100; 4-in., \$6. Warrendale Floral Co., St. Paul, Minn.

Roses—La Detroit, 3-in., \$6 per 100; Chateaux, Perle and Sunrise, 3-in., \$5 per 100. C. R. Hills, Grand Rapids, Mich.

Roses—Killarney, 2 1/2-in. grafted stock, \$20 per 100, \$175 per 1,000. Stebrecht & Son, New Rochelle, N. Y.

Roses—6,000 Kaiserin, 2-in., good and healthy, \$18 per 1,000. C. & G. L. Pennock, Lansdowne, Pa.

Roses—Bride and Bridesmaid, 3-in., \$3.50 per 100; A. Beauty, \$4.50 per 100. D. Wood Brant, W. Peterson and N. 48th Aves., Chicago.

Rosea—A complete list of all the forcing varieties, both new and old. John N. May, Summit, N. J.

Smilax—Seedlings, 30c per 100. Byer Bros., Chambersburg, Pa.

Smilax—2 1/4-in., \$2 per 100; \$15 per 1,000. Ludvig Mosbaek, Onarga, Ill.

Smilax—Plants, 2 1/4-in., \$1.50 per 100; \$12.50 per 1,000. C. R. Hills, Grand Rapids, Mich.

Smilax—In best varieties. Wood Bros., Fishkill, N. Y.

Smilax—Well grown, any quantity, \$1.50 per 100; \$12.50 per 1,000; 150,000 to select order from. A. M. Herr, Lancaster, Pa.

Smilax—Fine plants, 2 1/4-in. pots, \$1.25 per 100. Jos. H. Cunningham, Delaware, O.

Stevia—R. C., \$1.50 per 100, \$12.50 per 1,000; 2 1/2-in., \$2.50 per 100, \$22.50 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Stevia—2 1/4-in., \$2.50 per 100. C. R. Hills, Grand Rapids, Mich.

Umbrella Plants—2 1/4-in., \$2.50 per 100; 4-in., \$6. Ludvig Mosbaek, Onarga, Ill.

Vinca—2 1/4-in., \$1.50 per 100; 2 1/2-in., \$2.50. Ludvig Mosbaek, Onarga, Ill.

Vinca—Var., 2 1/4-in., \$4 per 100; 2d size, \$2. Geo. Bischoff, Ann Arbor, Mich.

Vines—Cunningham vine, variegated, \$2.50 per 100. Jos. H. Cunningham, Delaware, O.

Vines—Madeira vines. E. Y. Teas, Centerville, Ind.

Violets—Imperial, M. Louise, Princess of Wales, 2 1/4-in. pots, \$3 per 100; \$25 per 1,000. Crabb & Hunter, Grand Rapids, Mich.

Violets—In best varieties. Wood Bros., Fishkill, N. Y.

Violets—Selected field grown clumps of Princess of Wales and California, \$2.25 per 100, \$20 per 1,000; fine 4-in. pot plants, \$2.50 per 100, \$22 per 1,000. Marie Louise, Imperial, Farquhar, field plants, \$20 per 1,000. Clifton Hill Floral Co., Omaha, Neb.

NURSERY STOCK.

Clematis—Large fl., 4 and 5-in., 18c; 1 yr. from 3-in. pots, 9c; C. paniculata, 3 1/2-in., 10c each. W. H. Salter, Rochester, N. Y.

Lilacs—Forcing lilacs, German pot grown; also the field grown Paris de Marly, imported to order. Aug. Rolker & Sons, 31 Barclay St., N. Y.

Lilacs—Lilacs a specialty. Jaca Smits, Ltd., Naarden, Holland.

Nursery Stock—Roses for forcing and outdoor planting; rhododendron for forcing and outdoor planting; clematis in leading varieties; hydrangea P. G., in all sizes; boxwood in different sizes; Azalea mollis very cheap; lilac for forcing and field grown stock; Deutzia gracilis, strong plants at a bargain, and other good things for nurseries and florists. W. Van Kleef & Sons, Boskoop, Holland.

Nursery Stock—Fruit trees, small fruits, ornamental trees, evergreens and shrubs, shade trees, hardy roses, climbers and plants. Ellwanger & Barry, Rochester, N. Y.

Nursery Stock—Sugar maples, 6-in. to 10 ft.; Catalpa speciosa seedlings; black locust seedlings. E. Y. Teas, Centerville, Ind.

Nursery Stock—Hardy, fancy and ornamental stock. Jacs Smits, Naarden, Holland. Maltus & Ware, 136 Water St., N. Y.

Nursery Stock—Trees, shrubs, vines, small fruits. The Wm. H. Moon Co., Morrisville, Pa.

Nursery Stock—Catalogues free. Storrs & Harrison Co., Palmyra, Pa.

Peonies—Extensive collection, 300 varieties, 50,000 plants. Cottage Gardens Co., Queens, N. Y.

Peonies—All the best sorts true to name. C. Betscher, Canal Dover, O.

Peonies—Five varieties of P. officinalis; choice collection P. Chinensis and Japanese varieties. F. A. Baller, Bloomington, Ill.

Peonies—All the best varieties. Vaughan's Seed Store, Chicago and New York.

Peonies—In 200 choice varieties. E. Y. Teas, Centerville, Ind.

Peonies—All the best sorts. Vaughan's Seed Store, Chicago and New York.

Peonies—All stock guaranteed true to name. Large collection for fall planting. Peterson Nursery, 503 W. Peterson Ave., Chicago.

Pinks—Hardy, 6 var., R. C., 75c per 100. Byer Bros., Chambersburg, Pa.

Phlox—Hardy, 4-in., 10c. W. H. Salter, Rochester, N. Y.

Roses—Baby Rambler, 2 1/2-in., \$2.50 per doz., 15 per 100, \$125 per 1,000; 3-in., \$3.50 per doz., \$25 per 100; 4-in., \$6 per doz. Conard & Jones Co., West Grove, Pa.

Roses—A. Beauty, 2 1/2-in., \$5 per 100, \$45 per 1,000; 3 1/2-in., \$7 per 100; Chateaux, 2 1/2-in., \$4 per 100, \$30 per 1,000; 3 1/2-in., \$5 per 100; Uncle John, 2 1/4-in., \$4.50 per 100, \$40 per 1,000; 3 1/2-in., \$6 per 100; Bride, 2 1/4-in., \$4 per 100; \$35 per 1,000; 3 1/2-in., \$5 per 100; Perle, 3 1/2-in., \$5 per 100; Sunrise, 2 1/2-in., \$4 per 100, \$35 per 1,000; 3 1/2-in., \$5 per 100; Bridesmaid, 2 1/4-in., \$4 per 100, \$35 per 1,000; 3 1/2-in., \$5 per 100; G. Gate, 2 1/4-in., \$3.50 per 100, \$30 per 1,000; 3 1/2-in., \$5 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Trees—Hardy fruit and ornamental trees, shrubs, etc. W. & T. Smith Co., Geneva, N. Y.

Roses—Hardy, 4 and 5-in. pots, C. and Y. Rambler, Gen. Jacqueminot, Coquette dea Blanches, P. Neyron, C. Souper, etc., 15c each. W. H. Salter, Rochester, N. Y.

Roses—Baby Rambler, ever-blooming, dwf., 2 1/2-in. pot plants, \$2.50 per doz., \$15 per 100, \$125 per 1,000. Dingee & Conard Co., West Grove, Pa.

Roses—Baby Rambler, own roots, 2 1/4-in. pots, \$2 per doz., \$15 per 100, \$125 per 1,000; 4-in. grafted stock, bushy plants in bloom, \$5 per doz., \$40 per 100. Dormant field grown stock for fall and winter delivery. Vaughan's Seed Store, Chicago and New York.

Rudbeckia—Golden Glow, 4-in., 10c. W. H. Salter, Rochester, N. Y.

Vines—Clematis, wistarias, American ivy, ampelopsis, etc. W. & T. Smith Co., Geneva, N. Y.

Vines—Clematis paniculata, 3-yr. vines, 10c; Ampelopsis Veitchii, 1,000, 2-yr. field grown, 8c; pot grown, long tops, 4c; English ivy, long top, 8c. Benjamin Council, West Grove, Pa.

VEGETABLE PLANTS.

Cabbage—Wakefield and Allhead, 75c per 1,000. Byer Floral Co., Shippensburg, Pa.

Cabbage—Late Flat Dutch and Surehead, 85c per 1,000; Express, Wakefield and Allhead, 50c per 1,000. Byer Floral Co., Shippensburg, Pa.

Celery—Plants, \$1 per 1,000; transpl., \$2 per 1,000. Ludvig Mosbaek, Onarga, Ill.

Sweet Potato—200,000 sweet potato plants for sale; Jersey Red, Jersey Yellow, Southern Queen, Yellow Yam, \$2 per 1,000. Delivered anywhere in the United States. Oak Lawn Greenhouse and Gardens, Hopkinsville, Ky.

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Asparagus—A. plumosus nanus, Northern greenhouse grown seed, 100 seeds, 60c; 250 seeds, \$1.15; 1,000 seeds, \$4. Southern greenhouse grown, 1,000 seeds, \$2.50; 5,000 seeds, \$10. A. plumosus robustus, 100 seeds, \$1; 1,000 seeds, \$9. Decumbens, 100 seeds, 50c; 1,000 seeds, \$4. Comorensis, 100 seeds, \$1; 1,000 seeds, \$7.50. Cash discount 2 per cent. Vaughan's Seed Store, Chicago and New York.

Bulbs—American grown freesia bulbs; Refracto Alba, 1/2-in., 75c per 100, \$5 per 1,000, \$22.50 per 5,000; 3/4 to 1/2-in., 50c per 100, \$3 per 1,000, \$14 per 5,000; pure white, Bermuda grown, 1/2 to 3/4-in., \$1 per 100, \$9 per 1,000, \$42 per 5,000; 3/4 to 1/2-in., 50c per 100, \$7.50 per 1,000; \$35 per 5,000; New Freesia Purity, 60c per doz., \$4 per 100. Vaughan's Seed Store, Chicago and New York.

Bulbs—Spring or fall delivery, for florists' use. We import to order, bulbs and plants. August Rolker's Sons, 31 Barclay St., New York.

Bulbs—Gladioli, good mix., 75c per 100; \$6 per 1,000. Geo. M. Emmons, Newton, N. J.

Bulbs—L. Harrisii, L. longiflorum, Roman hyacinths, Paper White narcissus. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Bulbs—Ward's high grade bulbs and plants. Ralph M. Ward & Co., 17 Battery Place, New York.

Bulbs—Bulb stock, all kinds. Bassett & Washburn, 76 Wabash Ave., Chicago.

Bulbs—Florists' bulbs, best grade only; import orders now booked. W. C. Beckert, Allegheny, Pa.

Bulbs—Fall bulbs, freesia, Roman hyacinth, Paper White narcissus, Lillium Harrisii, longiflorum, hyacinths, tulips, narcissus. Vaughan's Seed Store, Chicago and N. Y.

Bulbs—Fall bulbs. James Vick's Sons, Rochester, N. Y.

Bulbs—Dutch bulbs. Franken Bros., Lake Forest, Ill.

Bulbs—Fall bulbs, imported. Jasmea Vick's Sons, Rochester, N. Y.

Bulbs—Lily, hardy sorts. E. Y. Teas, Centerville, Ind.

Bulbs—For forcing, Lillium Harrisii and longiflorum, white Roman hyacinths, paper white narcissus. Weeber & Don, 114 Chambers St., New York.

Bulbs—Freesias, California grown; mammoth, 3/4-in. and up, 80c per 100, \$7 per 1,000; choice, 1/2 to 3/4-in., 65c per 100, \$5 per 1,000. Vaughan's Seed Store, Chicago and New York.

Cycas—Revoluta, \$8 per 100 lbs. J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Gladioli—And dahlias. E. Y. Teas, Centerville, Ind.

Lily of the Valley—First-class pipas only. Julius Hansen, Pinneberg, Germany.

Lily of the Valley—Early and late forcing pipas, Multibel, Barolina, early forcing Berlin, Polaris, Hansa, late forcing Hamburg. Aug. Rhotert, 26 Barclay St., N. Y.

Lily of the Valley—Lily of the valley clumps strong, imp. stock, \$2.50 per doz., \$18 per 100. Vaughan's Seed Store, Chicago and New York.

If you do not find what you need in our Ready Reference Department, write us about it.

Lily of the Valley—Berlin and Hamburg Valley, Jnes. Smits, Naarden, Holland, Maltus & Ware, 136 Water St., N. Y.

Lily of the Valley—Plant now. Selected valley pips, \$1.50 per 100; \$13 per 1,000. H. N. Bruns, 1409 W. Madison St., Chicago.

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Lily of the Valley—Pips, cold storage, cases of 3,000, \$10 per 1,000. J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Mushroom Spawn—Frequent importation from England, always fresh and lively. J. J. Styer, Concordville, Pa.

Mushroom Spawn—Pure culture and English. Fresh supply every month. Knud Gundestrup & Co., Chicago.

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Pansy Seed—American grown; ex. choice mixed, 10c per pkt.; 1/2 oz., 50c; 1/4 oz., 75c; oz., \$2.75; select mixed, 15c per pkt.; 1/2 oz., 70c; 1/4 oz., \$1.20; oz., \$4; Hesperian mixture, 25c per pkt. Wm. Toole, Pansy Specialist, Baraboo, Wis.

Pansy Seed—Market or fancy strains; trade pkt., \$1. Denys Zinghebel, Needham, Mass.

Pansy Seed—Jennings strain, 1 oz., \$5; 3 oz., \$12; pkt. of 300 seeds, \$1. E. B. Jennings, Southport, Conn.

Pansies—Sweet scented, spotted, giant, 1,000 seeds, 25c; 1-3 oz., 75c; 3 1-3 oz., \$6; Weigelt's giant flowered elite mixture, 1,000 seeds, 20c; 1-3 oz., 50c; 3 1-3 oz., \$3.75; 10 pkts. giant flowering sorts to U. S., \$1. Weigelt & Co., Erfurt, Germany.

Pansies—Seed of Roemer's superb prize pansies. Highest award Internat. Exhibit, Dusseldorf, 1904. Fred Roemer, Quedlinburg, Germany.

Seeds—High grade grass, clover and tree seed. Conrad Appel, Est. 1739, Darmstadt, Germany.

Seeds—Pansy, ready in July, \$4 per oz. Jos. H. Cunningham, Delaware, O.

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Seeds—Rawson's Arlington tested seeds for the florist. W. W. Rawson & Co., 12-13 Fanuill Hall Square, Boston.

Seeds—Burpee's catalogue for 1905 is now ready. W. Atlee Burpee Co., Philadelphia.

Seeds—Importer and exporter seeds, bulbs and plants. Wm. P. Craig, 1305 Filbert St., Philadelphia.

Seeds—Flower seeds and bulbs; onion sets; garden seeds. Leonard Seed Co., Chicago.

Seeds—Seeds, bulbs, plants. Arthur T. Bodington, 342 W. Fourteenth St., New York.

Seeds—Grower and exporter of choice beet, vegetable and flower seeds. Henry Mette, Quedlinburg, Germany.

Seeds—Pansy, Mette's Triumph of the Glants, \$5 per oz.; \$1.50 per 1/4 oz.; 75c per 1-16 oz. Henry Mette, Quedlinburg, Germany.

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- Braidwood, J. B., Colorado Springs, Colo.
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- Deamud, J. B., 51 Wabash Ave., Chicago.
- Fenrich, Jos. S., 48 W. 30th St., N. Y.
- Flower Growers' Market, 60 Wabash Ave., Chicago.
- Ford Bros., 111 W. 30th St., N. Y.
- Ghormley, Wm., 57 W. 28th St., N. Y.
- Guttman, Alex. J., 52 W. 29th St., N. Y.
- Hart, James, 117 W. 30th St., N. Y.
- Holtz & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.
- Hunt, E. H., 76 Wabash Ave., Chicago.
- Kennicott Bros. Co., 40-44 Randolph St., Chicago.
- Horan, Edward C., 55 W. 28th St., N. Y.
- Kuehn, C. A., 1122 Pine St., St. Louis.
- Langjahr, Alfred H., 55 W. 28th St., N. Y.
- McCullough Sons Co., J. M., 316 Walnut St., Cincinnati, O.
- McKellar, Chas. W., 51 Wabash Ave., Chicago.
- Michigan Cut Flower Exchange, 38-40 Miami Ave., Detroit, Mich.

Murdoch, J. B., & Co., 545 Liberty Ave., Pittsburg, Pa.

Moore, Hentz & Nash, 55-57 W. 26th St., N. Y. New York Cut Flower Exchange, Coogan Bldg., 6th Ave. and W. 26th St., N. Y.

Philadelphia Cut Flower Co., 1516-18 Sansom St., Philadelphia, Pa.

Pittsburg Cut Flower Co., Ltd., 504 Liberty Ave., Pittsburg, Pa.

Pittsburg Florists' Exchange, 228 Diamond St., Pittsburg, Pa.

Pollworth, C. C. Co., Milwaukee, Wis.

Randall, A. L. Co., 19 Randolph St., Chicago.

Raynor, John L., 49 W. 28th St., N. Y.

Rice Bros., 128 N. 6th St., Minneapolis, Minn.

Seligman, John, 56 W. 26th St., N. Y.

Young & Nugent, 42 W. 28th St., N. Y.

Sheridan, Walter F., 39 W. 28th St., N. Y.

Trandley & Schenck, 44 W. 28th St., N. Y.

Vanhan & Sperry, 58-60 Wabash Ave., Chicago.

Watson, W. H., Lapeer, Mich.

Welch Bros., 15 Province St., Boston.

Whiterson, E. F. Co., 45-49 Wabash Ave., Chicago.

Young, A. L. & Co., 54 W. 28th St., N. Y.

Zech & Mann, 51 Wabash Ave., Chicago.

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- Bentley-Coatsworth Co., The, 35 Randolph St., Chicago.
- Braut, D. Wood, W. Peterson and N. 48th Aves., Chicago.
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- Budlong, J. A., 37-39 Randolph St., Chicago.
- Poehlmann Bros. Co., 35-37 Randolph St., Chicago.
- Reinberg, Peter, 51 Wabash Ave., Chicago.
- South Park Floral Co., Heller Bros., New Castle, Ind.
- Weiland & Risch, 59 Wabash Ave., Chicago.
- Wieter Bros., 51 Wabash Ave., Chicago.
- Wittbold, Geo. Co., 1657 Buckingham Place, Chicago.
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- Cooke, Geo. H., Connecticut Ave. and L St., Washington, D. C.
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- Garden, Alex. B., 441 Center Market, Washington, D. C.
- Gude, A., & Bro., 1214 F St., Washington, D. C.
- Hauswirth, P. J., Auditorium Annex, Chicago.
- Hess & Swoboda, 1415 Farnam St., Omaha, Neb.
- Holm & Olson, St. Paul, Minn.
- Leikens, 7 E. 33d St., N. Y.
- Mills The Florist, 36 W. Forsyth St., Jacksonville, Fla.
- Park Floral Co., The, Denver, Colo.
- Palmer's, Buffalo, N. Y.
- Shaffer, 14th and Eye Sts., Washington, D. C.
- Sievers & Boland, 33 Post St., San Francisco, Cal.
- Weber, Fred C., 4320-28 Olive St., St. Louis, Mo.

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- Bulb Pans, Etc.—Bulb pans. Detroit Flower Pot Mfg. Co., 409 Howard St., Detroit, Mich.
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- Coal—Florists' specials: "Kinkald" Hocking, Kanawha Splint, lower vein Brazil Block, genuine smokeless Pocahontas, Sullivan County Indiana Lump. Globe Coal Co., 1560-1570 Old Colony Bldg., Chicago.
- Coal—Harman, the florists' coal man. Alum Creek, Brazil Block, etc. Wm. S. Harman, 303 Dearborn St., Chicago.

Cut Flower Boxes—The best cut flower box is full telescope; that is ours, at manufacturers' prices. C. C. Pollworth Co., Milwaukee, Wis.

Cut Flower Boxes—Cut flower boxes, waterproof, corner lock style. No charge for printing on orders above 250 boxes. Livingston Seed Co., Columbus, O.

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Fertilizers—Thompson's vine, plant and vegetable manure, also special chrysanthemum and top dressing manure, plant foods and stimulants. Wm. Thompson & Sons, Ltd., Clovenfords, Scotland.

Fumigating Supplies—Vaporizing pans for tobacco extracts, Improved. Diller, Caskey & Co., 6th and Berk Sts., Philadelphia.

Fumigating Supplies—Nicotine solution, 40 per cent nicotine, \$10.50 per gal., 1/2 gal. \$5.50, pt. \$1.50, 1/4 pt. 50c. Kentucky Tobacco Product Co., Louisville, Ky.

Fumigating Supplies—Tobacco dust for fumigating. Edwin L. Koppelman & Co., 81 Pine St., New York.

Glass—Importers and jobbers; greenhouse glass a specialty. Window glass, James H. Rice Co., 80-82 Wabash Ave., 34-40 S. Water St., Chicago.

Greens—Ferns, 75c per 1,000; galax bronze or green, 75c per 1,000; laurel festooning, 4, 5 and 6c per yd; branch laurel, 35c per bundle; princess pine by lb., for festooning. Crowl Fern Co., Millington, Mass.

Greens—Evergreens, galax, leucothoe, mosses, etc. The Kervan Co., 20 W. 27th St., N. Y.

Greens—Evergreens, fancy and dagger ferns, bronze and green galax. George Cotsonaa & Co., 45 W. 29th St., New York.

Greens—Specialties: galax leaves, ferns and leucothoe sprays, bolly, Princess pine; all kinds of evergreens. Galax leaves, \$1 per 1,000. N. LeCakes & Co., 53 W. 28th St., New York.

Greens—Asparagus plumosus, 50c per string. W. H. Watson, Lapeer, Mich.

Greens—New decorative greens, the branches of huckleberry tree, \$2.50 per case. New crop hardy ferns; fancy, \$1.25 per 1,000; dagger, \$1 per 1,000. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens—Dagger and fancy ferns; bronze and green galax, laurel festooning, green and sphagnum moss, ivy leaves, Sprenger's asparagus, leucothoe sprays. Henry M. Roblison Co., 8-11 Province St., Boston.

Hose—New, 3/4-in., 7/8c per foot; 1/2-in., not guaranteed, 4 3/4c per foot. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Hose—Hose in quantity. Chicago House Wrecking Co., W. 35th and Iron Sts., Chicago.

Hose—"Bull Frog" brand, 1/2-in. and 3/4-in. Toledo Rubber Co., Toledo, O.

Lawn Mower—The Clipper lawn mower, No. 1, 12-in., \$5; No. 2, 15-in., \$6; No. 3, 18-in., \$7; No. 4, 21-in., \$8. Draft, money order or reg. letter. Clipper Lawn Mower Co., Dixon, Ill.

Mastica—For glazing greenhouses. F. O. Pierce Co., 170 Fulton St., New York.

Metal Designs—Send for prices. A. Hermann, 404-12 E. 34th St., New York.

Miscellaneous—Peony manual, 30c; "Gold Mine in Front Yard," \$1. C. S. Hansen, York, Neb.

Pots—Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots—Standard pots, which for strength and porosity combined are best on market. A. F. Kehr, 1521-23 N. Leavitt St., Chicago.

Pots—Red standards, full size, and wide bottoms. Detroit Flower Pot Mfg., 490 Howard St., Detroit, Mich.

Pots—Red Standard; azalea pots. The Keller Pottery Co., 213-223 Pearl St., Norristown, Pa.

Pots—Before buying, write for prices. Geo. Keller & Son, 361-63 Herndon St., near Wrightwood Ave., Chicago.

Pots—Red pots. Sample pot and price list on application. C. C. Pollworth Co., Milwaukee, Wis.

Pots—Standard flower pots. We can save you money. W. H. Ernest, 28th and M Sts., Washington, D. C.

Pots—Standard flower pots. The Whilldin Pottery Co., Philadelphia, Pa.; Jersey City, N. J.; Long Island City, N. Y.

Pots—Pots of all kinds. A. H. Hews & Co., No. Cambridge, Mass.; Long Island City, N. Y.

Pots—Red standard. Paducah Pottery, Paducah, Ky.

Pots—Pots of all kinds. A. H. Hews & Co., No. Cambridge, Mass.; Long Island City, N. Y.

If you do not find what you need in our Ready Reference Department, write us about it.

Printing—Regan Printing House; large runs of catalogues our specialty. Write for figures. Regan Printing House, 83-91 Plymouth Place, Chicago.

Raffia—Samples free if you mention the American Florist. Large assortment of colors. R. H. Conroy Co., Camden, N. J.

Ribbon—Ribbon specialists. M. Rice & Co., 1220 Race St., Philadelphia.

Seed Cases—Heller's nice proof seed cases. Heller & Co., Montclair, N. J.

Sheep Manure—Pure sheep manure, dried unpulverized and pulverized. Montana Fertilizer Co., Elgin, Ill.

Supplies—Seed pans, standard flower pots, cylinders for cut flowers, hanging baskets, lawn vases, etc. Hillinger Bros. Pottery, Ft. Edward, N. Y.

Supplies—Tin foil, cut wire, corrugated boxes, folding boxes, all kinds letters, wire designs, cypress leaves, ribbons, etc. Henry M. Robinson & Co., 8-11 Province St., Boston, Mass.

Supplies—Florists' wire designs and supplies. Emil Steffens, 335 E. 21st St., New York.

Supplies—Manufacturers and importers. M. Rice & Co., 1220 Race St., Philadelphia, Pa.

Supplies—Importers, jobbers, manufacturers of florists' supplies; western leaders. C. C. Pollworth Co., Milwaukee, Wis.

Supplies—Makers of wire designs and florists' supplies. Cleveland Cut Flower Co., Cleveland, Ohio.

Supplies—Cape flower, cypress leaves, metal designs, and all florists' supplies. A. Hermann, 412 E. 34th St., New York.

Supplies—Importers and manufacturers of florists' supplies. L. Baumann & Co., 78 Wash. Ave., Chicago.

Supplies—Importers and manufacturers of florists' supplies. Reed & Keller, 122 W. 25th St., New York.

Supplies—One million square feet sash, lumber, garden hose, etc. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

Toothpicks, Wired—\$1.50 per 10,000, \$6.25 per 50,000. W. J. Cowee, Mfr., Berlin, N. Y.

Weeder—Brown's Easy Weeder. Each 35c; 3 for \$1; doz., \$3. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Weedkiller—"Eureka" weed killer, large size tin, 75c each. Vaughan's Seed Store, Chicago and New York.

Wire Supports—Model extension carnation supports, galvanized wire rose stakes, tying wires, single and dbl. pot hangers. Igoe Bros., 226 N. 9th St., Brooklyn, N. Y.

Wire Work—None made as good as our prices. C. C. Pollworth Co., Milwaukee, Wis.

Wire Work—E. H. Hunt, 76-78 Wabash Ave., Chicago.

Construction Materials, Boilers, Etc.

Boilers—About "Burnham" boilers. Write today to our New York office for catalogue. Lord & Burnham Co., St. James Bldg., 1133 Broadway. General office and works, Irvington-on-Hudson, N. Y.

Boilers—New and second hand; 2 second hand steam, \$35 each. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Boilers—Fifty horizontal tubular boilers from 10 to 200 h. p. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

Boiler Tubes—Sixteen carloads 4-in. tubes, rattled and heavy. Also sizes from 1 1/2-in. to 8-in. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

Boilers—Get our prices. Metropolitan Material Co., 1398-1408 Metropolitan Ave., Brooklyn, N. Y.

Boilers—Hitchings New Mogul boilers for hot water or steam. Hot water radiation from 4,200 square feet and up. Steam radiation from 2,500 square feet and up. Horticultural architects and builders. Hitchings & Co., 233 Mercer St., New York.

Boilers—Boilers of high grade for greenhouses. Steam and hot water. Giblin & Co., Utica, N. Y.

Boilers—And heating apparatus. Johnston Heating Co., St. James Bldg., New York.

Boilers—Improved greenhouse boilers, made of best material, shell, firebox sheets and heads of steel, water space all around (front, sides and back). Kroeschell Bros. Co., 45 Erie St., Chicago.

Boilers—Send for prices and catalogues. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Boilers—Furman boilers. Particularly well adapted for greenhouse heating. The Herendeen Mfg. Co., Dept. Am., Geneva, N. Y.

Boilers—Gurney heaters, heat by steam or hot water. Gurney Heater Mfg. Co., 111 5th Ave., N. Y.; 74 Franklin St., Boston.

Boilers—Water tube steam boiler. King Construction Co., N. Tonawanda, New York.

Building Material—Cypress is far more durable than pine. Cypress sash bars up to 32 feet or longer. Greenhouse and other building material. Men furnished to superintend erection when desired. A. T. Stearns Lumber Co., Neponset, Boston, Mass.

Building Material—Second hand white pine, 2x6, No. 1 quality, 1, o. b. Minneapolis. Albert Dickinson Co., Minneapolis, Minn.

Building Material—Lumber for greenhouse benches. Ship lap, drop siding, sheathing, flooring, white cedar posts, etc. We are in special position to furnish "Pecky Cypress," everything in pine and hemlock building lumber. Adam Schillo Lumber Co., cor. Weed St. and Hawthorne, Chicago.

Building Material—Greenhouse material and hotbed sash of Louisiana cypress and Washington red cedar. A. Dietsch Co., 615-21 Sheffield Ave., Chicago.

Building Material—Cypress sash bars, Tennessee red cedar posts, pecky cypress benches, hotbed sash and frames, ventilating apparatus, pipe, fittings, and all supplies needed in new or reconstruction work. Foley Mfg. Co., 471 W. 22d St., Chicago.

Building Material—Greenhouse material of any description. John C. Moaliger Co., 412-22 Hawthorne Ave., Chicago.

Building Material—Gulf cypress greenhouse material. Hotbed sash. We furnish everything for building. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Building Material—Every type of greenhouse manufactured, also all greenhouse fittings. Pierson-Sefton Co., West Side Ave., Jersey City, N. J.

Building Material—Write for prices on Gulf cypress building material. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Building Material—Our designs embody best features greenhouse construction; best grade gulf cypress used. Red cedar posts, iron fittings, hotbed sash. Lockland Lumber Co., Lockland, O.

Glass—Window glass. Greenhouse glass a specialty. H. M. Hooker Co., 59 W. Randolph St., Chicago.

Glass—French and American "White Rose" brand. Stenzel Glass Co., 2 Hudson St., New York; 101 Portland St., Boston.

Glass—Good brands, quick shipments, large stock. Sharp, Partridge & Co., 22d St. and Union Place, Chicago.

Glass—New American, 50 sq. ft. to box; all standard dimensions. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Glass—Glass at wholesale. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Glass—Tank window glass. Hothouse glass a specialty. D. O. Cunningham Glass Co., Pittsburg, Pa.

Glass—Plate and window glass. Greenhouse glass a specialty. Sprague-Smith Co., 205 Randolph St., Chicago.

Glass Repair Clamp—Peerless glass repair clamps. Box of 150, \$1. Alexander Klokner, Wauwatosa, Wis.

Glazing Points—See the point? Holds glass firmly. Peerless glazing points are the best. No rights or lefts. Box of 1,000 points, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Greenhouse Construction—Eureka greenhouse the best and lowest in price. All houses erected at factory and shipped to purchaser with blue prints, photographs and plain directions so any person can put up. Dillon Greenhouse Mfg. Co., Bloomsburg, Pa.

Gutters—New duplex gutter, only drip proof gutter on the market. E. H. Hippard, Youngstown, Ohio.

Gutters—Garland's gutters will keep snow and ice off your glass. A sample of our gutter is on exhibition at Chicago Flower Growers' Market. Geo. M. Garland, Des Plaines, Ill.

Gutters—Jennings improved iron gutters. Diller, Caskey & Co., Sixth and Berk Sts., Philadelphia.

Iron Fittings—Patent iron bench fittings and roof supporters. Diller, Caskey & Co., 6th and Berk Sts., Philadelphia.

Iron Fittings Etc.—Send for prices. Lockland Lumber Co., Lockland, O.

Oil, White Lead, Paint, Putty, Etc.—Metropolitan Material Co., 1398-1408 Metropolitan Ave., Brooklyn, N. Y.

Paint, Putty, Etc.—The Jas. H. Rice Co., 80-82 Wabash Ave., Chicago.

Paint, Putty, Etc.—H. M. Hooker Co., 59 W. Randolph St., Chicago.

Pipe—Wrought iron pipe, sizes from 3/8-in. to 14-in. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

Pipe, Pipe Cutters, Etc.—Pipe, stocks and dies, pipe cutters, Stillson wrenches, pipe vices, hotbed sash, etc. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Pipes and Iron Fittings—S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, New York.

Pipe, Iron Fittings, Etc.—Galvanized iron sash hinges, screw eyes, screw hooks, U bolts, galvanized turn buckles and wire. Fittings for pulley and ridge supports. Foley Mfg. Co., 471 W. 22d St., Chicago.

Pumps—Rider-Ericsson, second hand, \$40 up. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Pumping Engines—Two streams of water for 1 hour cost 2 cents if you use a Standard pumping engine. The Standard Pump & Engine Co., Cleveland, O.

Steam Traps—The Standard return steam trap has no equal for its simplicity of working. E. Hippard, Youngstown, Ohio.

Steam Traps—Morehead traps insure free circulation in coils. Save fuel. American Blower Co., Detroit, Mich.

Ventilating Apparatus—Send for prices and catalogues. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Ventilators—We furnish high grade ventilating apparatus, raising the ashes in greenhouses and other buildings. Lord & Burnham Co., 1133 Broadway, N. Y. General office and works, Irvington-on-Hudson, N. Y.

Ventilators—The New Departure ventilating appliance, cheapest and best. If you doubt, try it and be convinced. J. D. Carmody, Evansville, Ind.

Ventilating Apparatus—Send for circulars. Diller, Caskey & Co., cor. 6th and Berk Sts., Philadelphia.

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Ventilators—Hand ventilators, etc. The King Construction Co., N. Tonawanda, N. Y.

Ventilators—Evans' improved Challenge ventilating apparatus. Quaker City Machine Works, Richmond, Ind.

BOOKS FOR FLORISTS.

The time is coming along when these are needed and opportunity at hand for reading them. Every one of the following should be in your library.

Send prices quoted and we send the books.

MANUAL OF THE TREES OF NORTH AMERICA (Sargent).—The most complete and authentic work on the subject. The pages number 826, with over 600 illustrations. \$6.00.

LANDSCAPE GARDENING (Maynard).—The development of landscape art within the past few years compels the wide awake florist to keep posted on this branch of the business. The many suggestions of this book will be found helpful every business day. It contains 338 pages, 165 illustrations. \$1.50.

HOW TO MAKE MONEY GROWING VIOLETS (Saltford).—This is by a practical grower who has made a success of the business. No grower of violets can afford to be without it. 25 cents.

LANDSCAPE GARDENING (Waugh).—This is a very useful little book on the art of landscape gardening. It will be found exceptionally valuable to amateurs, as it covers in detail the numerous problems that come to the owners of small gardens. It is freely illustrated and the pictures have been chosen with a view to informing the reader rather than decorating the book. 50 cents.

STEAM HEATING FOR BUILDINGS (Baldwin).—Contains valuable data and hints for steam fitters and those who employ this method of heating. The 350 pages are fully illustrated. \$2.50.

HEDGES, WINDBREAKS, ETC. (Powell).—A treatise on the planting, growth and management of hedge plants for country and suburban homes. A volume of 140 pages, with twenty-two illustrations. 50 cents.

American Florist Co.,
324 Dearborn Street, CHICAGO.

If you do not find what you need in our Ready Reference Department, write us about it.

Washington.**MARKET CONDITIONS.**

The past week being the last chance for June weddings, there was a number the past few days, which caused quite a flurry in decorative stocks. Palms or other greens are being generally used in church decorations. The quality of cut flowers is about what may be expected at this season. As most of the rose growers are throwing out or replanting old stock, the supply of roses is indifferent. Old carnations are pretty well run out, and the field plants will soon have to be depended upon. A few asters of indifferent quality have appeared, but a fine rain which fell on the night of July 1 is likely to bring them in this week in greater quantities and of better quality.

CONVENTION NOTES.

An impression seems to have gone abroad that the florists of Washington, having invited the Society of American Florists to make this city the meeting place for 1905, will not be able to furnish proper entertainment. The writer is justified in the assumption that the visitors will be men of intelligence, but no more exacting in their demands than the members of any other profession or craft. In late years many conventions, representing widely different interests, have met in this city, and the writer has yet to hear of any complaint against Washington as a convention city. As a rule, visitors to this capital whose time is limited complain of but one fact: "We could not see it all."

We ask you, florists, not to be misled by the doleful tales of disappointed office seekers or the scribbings of yellow journalists, but come here as if coming to your own. There are here no ruins of barons' castles or bastilles, but there are many great and enduring monuments to the patriotism, intelligence and industry of an enlightened, peace and liberty loving people. This is called the "City of Washington" because he founded it, and you will find it rich with remembrances of his great and honored name, and of those who labored with him to found a home for the free.

S. E.

Louisville.

The previous week was a very slow one, business having come down considerably, the intensely warm weather being the main cause. Roses and carnations both are very low in quality, while the supply and demand are in proportion. Lilies sell fairly well, but there is not much of a supply. Sweet peas have sold well, but their season is about over. They have been unusually profitable this year. Out-of-door stock is plentiful, but not used to much extent.

FLORISTS' CLUB MEETING.

The regular monthly meeting of the Kentucky Society of Florists will be held July 11 at A. Rasmussen's place, New Albany, Ind. The meeting will be somewhat on the order of an outing, and members are requested to bring their families. The fact that the meeting will be held at Mr. Rasmussen's is assurance enough that there will be a royal time. The business meeting, too, will be a very important one, as show matters will be brought up, and members are requested to be prepared for this. All the members that can should meet at the Vincennes street station,

New Albany, at 2 p. m., and go in a body from there. Mr. Rasmussen has requested that those not being able to do this should come later.

George E. Schulz, son of Jacob Schulz, and Miss Anna B. Sheedy were married July 3. George E. Schulz is of Schulz's store, where Miss Sheedy, too, had been for some time. She was undoubtedly one of the best artists in the country and her loss will be very much regretted. The wedding was of a quiet nature, and the young couple left shortly afterwards for Cincinnati and other points.

The ever welcome S. S. Skidelsky was a visitor the past week. F. L. S.

Cincinnati.

It was a jolly crowd that went to Noorwood Inn June 29 to partake of the hospitality of D. Rusconi, Ben George and James Allan. About 250 were present, and to say that they enjoyed themselves to the fullest is placing it mildly. There was baseball, bowling, music and dancing, and an elegant repast served by the wives of the hosts. A majority of the members of the Cincinnati Florists' Society being present, they decided to hold a meeting and election of board of directors for the ensuing year. Will Murphy, Richard Witterstaetter, C. J. Ohmer, Ben George and D. Rusconi were the successful candidates and will meet prior to July 10 and elect officers to guide the destinies of the Cincinnati Florists' Society for the next twelve months.

THE MARKET.

Despite the advent of summer, trade is holding up exceedingly well and all good stock received is disposed of in a very short time and at very fair prices. Of course the usual amount of rubbish is also coming in and the garbage barrel is the best customer for this class. Smilax is very scarce, but asparagus, both Sprengeri and plumosus, is good and eastern ferns are fine. Lilium longiflorum is getting scarce, and now and then we see a few asters on the market, but they are so few and far between that it is hardly worth mentioning. Carnations are growing smaller and another week or ten days will see their finish. Gladiolus and sweet peas are plentiful, although the latter are not as good as in former years.

NOTES.

Adam Miller has purchased from Carl Schweitzer the greenhouses at the corner of Forest avenue and Carthage pike. Adam is a hustler and is sure to make his investment pay, and we wish him all the success he so richly deserves.

August Schuerman, of St. Louis, a member of the St. Louis Florists' Club, was a caller the past week with samples of Christmas bills and a few novelties for florists which no doubt will create a demand at the holidays. A. O.

General News.

LOREMORE, N. D.—S. F. Mercer is considering moving his greenhouses to Minot from this place.

AUBURN, N. Y.—Alvin W. Knapp is in bankruptcy with liabilities of about \$2,000 and assets of about \$500.

LOOMIS, CAL.—The California Carnation Company has been purchased by A. Mitting and H. McGowan.

STOUC FALLS, S. D.—J. Tossini will add two large greenhouses to his establishment.

COHASSET, MASS.—C. W. Barron is building a large greenhouse at his summer place at the harbor.

EXCELSIOR, MINN.—The second annual meeting and flower show of the Minnesota Rose Society was held here July 1.

ESTHERVILLE, IA.—C. Rosenberg and C. Root have purchased the Lathrop Seed Store, having taken possession July 1.

DES MOINES, IA.—Vaughan's Seed Store, of Chicago, has taken over the W. L. Morris place on their claim. C. McAniff, grower, is in charge.

ROCKFORD, ILL.—H. O. Hinckley is about to retire from the greenhouse business. He will take up his residence on his farm outside the city.

HUDSON, MICH.—John Allwood is pulling down three greenhouses which he will replace with one large one. Philip Thomas has left his employ.

HAYERHILL, MASS.—The Emerson store, at Winter and Pleasant streets, has been closed and the fixtures transferred to the new store, on Merrimac street.

SPRINGFIELD, MASS.—Charles F. Fairfield has sold his florist's business at 154 State street to Nelson F. Higgins, lately employed by the Springfield Cemetery Association.

BUTTE, MONT.—The Butte electric railway has its four new greenhouses in good working order at Columbia gardens, a conservatory and modern packing shed having been added.

LOWELL, MASS.—While boarding a street car Paul R. Burt, a local florist, was struck by a passing wagon and knocked down. His right foot was badly crushed by the car.

PHILADELPHIA, PA.—Louis J. Reuter, formerly of Westerly, R. I., has leased a greenhouse plant at Sixtieth street and Gibson avenue and will grow roses and carnations for the wholesale trade.

VENTURA, CAL.—Miss Olive Gould, daughter of Mr. and Mrs. Thomas Gould of this city, and H. Dennison, a prominent farmer and orchardist of the Ojai valley, were married May 29.

TEWKESBURY, MASS.—During a heavy storm on June 20 the greenhouse plant of A. Roper suffered heavily, much glass being broken, and the windmill and tower roof being carried away. At the Gale greenhouse plant the tower tank and windmill were also carried away.

**WANTED
TO BUY**

Boston Ferns

in quantity. 3-inch or 4-inch.

**C. C. POLLWORTH CO.,
Milwaukee, Wis.**

St. Paul.

QUIET MARKET.

Trade has now quieted down some, but there are still some June weddings coming on. The past season has been without doubt the busiest that the trade here has ever experienced in all lines in spite of the very inclement weather. We have not had more than a couple of warm days and it has rained continually. Local stock has been rather scarce on this account and shipped-in stock has been depended on mainly and this is rather unsatisfactory at this season when stock is soft and often arrives badly bruised. Peonies, which are usually abundant in season, were very disappointing and are practically over now. Some sweet peas are being picked outdoors.

NOTES.

L. L. May & Company furnished the bay trees for the new state capitol grounds and they were the finest specimens that have ever been seen in these parts.

Alfred Clausen, of Albert Lea, Minn., and O. J. Olson, returned a week ago from their annual fishing trip with a couple of fine strings of black bass.

From reports a severe wind storm did a lot of damage at the Mayfield nurseries a week ago.

The boys are all talking picnic now and arrangements have been started for this diversion.

Mr. Turnbull, with E. H. Hunt, and Thomas Cashman, of Owotonna, were recent callers.

Axel Olson, who now has charge of Holm & Olson's place, is making a fine showing.

Swanson Floral Company are displaying some very elegant oriental poppies.

Baltimore.

The past week brought a succession of heavy storms of rain, accompanied at times by great electrical disturbances, and interspersed with days of high temperature, interfering in some cases with filling houses, etc. Trade was fairly active, the season of school commencements reaching its climax and finish. This made a noticeable demand all around for cut flowers, and June 24 saw also great inquiry for all sorts, Sunday being the feast of Corpus Christi, with processions and lavish displays on the altars of the catholic churches. There is a great influx of outdoor flowers, especially of gladioli from the south, phlox and candidum lilies. Sweet peas are in excess, and many go to waste. The Crimson Rambler roses did not last long this season, the heavy rains soon knocking them to pieces. Many rose houses are emptied and planting is going on rapidly. The roses that are coming in are growing smaller, as are also carnations.

S. B.

CYPRESS
IS FAR MORE DURABLE THAN PINE.
CYPRESS
SASH BARS
UP TO 32 FEET OR LONGER.
GREENHOUSE
AND OTHER BUILDING MATERIAL,
MEN FURNISHED TO SUPERINTEND
ERECTION WHEN DESIRED.
Send for our Circulars.
The A. T. Stearns Lumber Co.,
NEPONSET, BOSTON, MASS.

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Frequent importations from England. Always fresh and lively.

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Please mention the American Florist when writing.



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WRITE FOR ILLUSTRATED CATALOGUE
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GARLAND'S GUTTERS
WILL KEEP SNOW AND ICE OFF
YOUR GLASS.
DES PLAINES, ILL.
SEND FOR CATALOGUE.

A merizan of our Gutter is on Exhibition at the Chicago Flower Growers' Market.
Please mention the American Florist when writing.

GREENHOUSE
LUMBER
Our Louisiana Cypress
Is thoroughly air-dried and free from sap. This is the very best material now offered to the trade for greenhouse construction.
We have the largest stock of this high-grade cypress in the North, and can promise quick service in filling all orders entrusted to us.
Estimates and designs furnished on application. We will be pleased to figure with you on your contemplated work.
Our new detail sheet mailed on request.
RED CEDAR POSTS. IRON FITTINGS. HOT-BED SASH.
LOCKLAND LUMBER CO.
LOCKLAND, O.

Please mention the American Florist when writing.

HAMMOND'S SLUG SHOT FOR POTATO BUGS AND CURRANTS.



TO THE EDITOR OF AMERICAN GARDENING:

In your issue of June 18, on page 399, I notice a good article on the Colorado Beetle or Potato Bug. For the benefit of your numerous readers I would advise them to try Hammond's Slug Shot. I have used it here this season, with excellent results, on Potatoes, Egg Plants, Cucumbers and Squash,—for Potato Bugs, and also for Striped Beetles, and it is the best remedy I know of, simple and effective. I purchased two of the Dusters which he advertised in your paper, and they are very useful articles. The best time to dust the plants is early morning, as the substance adheres much better when the dew is on. A light dusting is sufficient, and woe betide the bugs of the larvæ. Once they get a taste of it they shrivel up right away.

GEORGE STANDEN, Gardener to Col. D. S. Lamont, Millbrook, N. Y., 1904.

Sold by Seed Dealers and Merchants all over America.

Send for Pamphlet on Bugs and Blights to BENJ. HAMMOND Fishkill-on-Hudson, N. Y.

is sufficient, and woe betide the bugs of the larvæ. Once they get a taste of it they shrivel up right away.

THE AMERICAN FLORIST



America is "the Prow of the Lessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XXIV.

CHICAGO AND NEW YORK, JULY 15, 1905.

No. 893

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TWENTIETH YEAR.

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City, Pa., treasurer. Twenty-first annual meeting
at Washington, D. C., August 15-18, 1905.

Convention Hotels.

- The Shoreham**—Fifteenth and H streets, N. W., six squares from meeting hall. Single room, one person, \$2 per day; single room, two persons, \$3 per day; room with bath, one person, \$3 per day; room with bath, two persons, \$4 per day; suites, parlor and two bedrooms with bath, \$10 per day.
- Arlington Hotel**—Vermont avenue and H street, N. W., seven squares from hall, \$2 per day for each person.
- Hotel Manhattan**—604-606 Ninth street, N. W., European plan, for gentlemen only, one square from hall, \$1 per day upwards.
- St. James Hotel**—Sixth and Pennsylvania avenues, N. W., European plan, seven squares from hall. Single room \$1 to \$2.50 per day; rooms with bath, \$2.50 per day; suites with bath, \$3 to \$4 per day.
- Colonial Hotel**—Fifteenth and H streets, N. W., European plan, six squares from hall, Single room, \$1 per day.
- Columbia Hotel**—1413 Pennsylvania avenue, N. W., for gentlemen only, six squares from hall. Room for one person, \$1.50 per day; two persons, \$2.50 per day.
- Metropolitan Hotel**—Pennsylvania avenue and Sixth street, N. W., seven squares from hall. American plan, \$2.50 to \$4 per day; European plan \$1 to \$3 per day.
- El Reno Hotel**—Opposite B. & O. Depot, eleven squares from hall. Single rooms \$1 per day; double rooms, \$2 per day.
- Hotel Johnson**—Thirteenth and E streets, N. W., four squares from hall, European plan \$1 per day an upwards. American plan \$2.50 to \$4 per day.
- The rates of the following hotels have not been received by the committee but will be published as soon as received:
- Riggs House**—G and Fifteenth streets N. W., five squares from hall.
- National Hotel**—Sixth and Pennsylvania avenue, N. W., seven squares from hall.
- The Oxford**—Fourteenth and N. Y. avenue, N. W., five squares from hall.
- Park Hotel**—1017 I street, N. W., three squares from hall.
- New Willard**—Pennsylvania avenue and Fourteenth street, N. W., six squares from hall.
- Raleigh Hotel**—Twelfth and Pennsylvania avenue, N. W., four squares from hall.

Herbaceous Plant Notes.

Among our most useful spring or early summer flowering plants, be it for the flower borders, for beds, for the rockery, or for the front part or edge of the shrubbery, none are more charming and interesting than the primulas. Every owner of a patch of ground should grow a few at least; no garden, in city or country, however small in dimensions, should be without them, for even the most common species are pretty and are sure to be appreciated by everyone while in flower.

The primulas were favorites in olden times, the ordinary varieties of *P. vulgaris* being found planted lavishly as early as the fifteenth century, as were the cowslips, *P. officinalis*. Yet, about the middle of the last century, few of our gardens could boast of possessing more than a few plants.

Fashion had pushed the primulas to the background and they had been neglected. The demand for them had dwindled and the gardeners would not bother with them. Since then, however, old-fashioned plants of all descriptions have experienced a revival and are quite eagerly sought. The hardy primulas are the most worthy in their class, and it is no wonder the demand for these plants is increasing every year.

For spring bedding, *Primula vulgaris*, *P. officinalis*, *P. Polyantha*, *P. elatior*, *P. variabilis* and their numerous hybrids are second to none, not only because they are pretty and showy, but because they can always be depended on to bloom uniformly and abundantly without much fostering, and the popular name, primrose, itself seems to have an attraction which no other plant possesses, not even the rose.

Any of the above mentioned and almost all the other species, which, by the way, number over 100, may be raised readily from seed, and when the seedlings are about one year old they will be strong enough to flower, though rarely can any special color or variety be reproduced in this manner. Seeds of all primulas are better sown as soon as ripe, as freshly gathered seed comes up quicker and more uniformly than when it is held over for several months. In fact, some species will not germinate if held over for any length of time.

I remember, a few years ago, having picked a quantity of seed from *P. Japonica*, part of which was put in the ground after it had been cleaned and the remainder sown some time after, under glass.

The former gave us hundreds of little plants, while the latter could not be induced to germinate with the very best of care. We prefer to sow thinly in a frame protected from sun by placing lath shading over it, but admitting a free circulation of air all around. In such a frame the seedlings may be left undisturbed until quite strong before transplanting is required, while when sown in boxes or pans, they need careful attention to keep them from getting too dry or damping off.

Outdoor primulas can be grown satisfactorily in a shaded but light position, not too dry and affording a free circulation of air at all times. Sometimes the very best results with primulas of various kinds are noticed in ordinary city yards, where the plants get only a few hours of morning sun, being shaded by houses and board fences during the rest of the day. In autumn, after the early frosts have spoiled the beauty of the summer bedding plants, clumps of primulas can be transplanted safely (a ball of earth will stick to them) into one of the flower beds, to bloom freely the following spring, and when the primulas have ceased blooming, they, in turn, can be removed, to make room for the regular bedding plants.

Late in spring or during the summer months the clumps should be divided into pieces of one or two crowns and transplanted into good deep soil and suitable positions, where the hot mid-day sun can be avoided. The alpine species require a moist situation, but the moisture must not reach the crowns. It is well, therefore, to keep the crowns well elevated above the ground. *P. denticulata*, *P. Cashmiriana*, *P. farinosa*, *P. longifolia*, *P. rosea*, *P. villosa*, etc., have the peculiarity to form their crowns very close together and are more liable to rot in the center than other species with a looser, spreading habit of growth.

P. denticulata is one of the most attractive, bearing dense, globular umbels of bright, delicate lilac flowers on stalks nine to twelve inches high, during the early spring months. *P. Cashmiriana* is of a darker shade, with a distinct yellow eye in each floret, but otherwise similar in habit.

P. farinosa is of a lilac rose, with yellow eye and blooms in loose umbels on stalks six to nine inches high. *P. rosea*, one of the finest in this section, produces deep rosy red flowers, slightly drooping in a rather loose head.

P. villosa, a dwarf alpine species, has



Peter Bisset.

Chairman Private Gardeners' Convention
Reception Committee.

deep violet red flowers, with a white center, on a shaft four or five inches high. This is a very slow grower and offsets are not inclined to root very freely unless sphagnum mixed with sand is placed close to the sprouts while the plants are in full growth. *P. Sibirica*, with small, roundish oval leaves, thick and leathery, is another dwarf, with lilac flowers on stems six to seven inches high.

P. cortusoides, a most profuse blooming and distinct species, is unlike all others. From a single crown numerous flower stems are produced and the plant blooms in whorls of purplish rose. It continues in bloom from early May to the end of June, and often comes out again in autumn. *P. amena*, from Japan, it seems, is relative to this.

P. Japonica is one of the grandest primulas and is easily managed. It is very vigorous in growth, with stout, tall stems, reaching the height of one and one-half to two feet. The flowers are variously colored, deep glowing purple, carmine, several shades of rosy red and rose in paler shades to pure white. All show a large distinct eye of a lighter or darker color than that of the flowers. It blooms in successive whorls along the tall stems late in spring and in early summer. A group of these primulas, when in full bloom, is truly a grand sight, but we have to grow them in a shady position, otherwise a hot, sunny day may spoil their fine colorings and shorten their flowering season by scorching undeveloped buds and the soft tips of the flower stems. J. B. K.

The Bulb Mite.

The Board of Agriculture has rendered a valuable service to the general body of cultivators by the information it has published relating to the bulb mite (*Rhizoglyphus echinopus*), which of late years has been so destructive to bulbous plants in many gardens. *Rhizoglyphus* is a genus of mites belonging to tyroglyphidae, a family with a comparatively small number of genera and species, but a great number of individuals. Familiar examples are the cheese

and hay mites. The family is interesting biologically, as amongst its members there is, in addition to the stages in the life history of mites generally, the hypopus stage. Besides other differences, the hypopus possesses suckers that enable it to become attached to flying or passing animals, and thus be conveyed to fresh feeding grounds. In this stage the mite is able to resist conditions that would be fatal to it in its other stages.

The bulb mite feeds on the bulbs of the eucharis, hyacinth, lilies, onions, and tulips, and also on the tubers of the dahlia and potato. The question as to whether the mites are really the cause of the failure of the bulbs has been much discussed by cultivators. Some have maintained that the decay of the bulbs is due to some defect in the cultural treatment, and that the bulbs are then attacked by the mites. Michael, however, has, by many experiments, placed it beyond doubt that the mites not only attack, but prefer, sound bulbs, and they have been found to attack healthy tulip bulbs. A full description



George A. Robinson.

President Canadian Horticultural Association.

of the mite in its several stages, and a sketch of its life history is given in the publication referred to, but it will suffice here to say that the presence of the mite is indicated by a check to the growth, and the leaves assuming a yellow hue, a failure to bloom, and the formation of reddish-brown spots on the scales of the bulbs.

Of primary importance to cultivators generally is a knowledge of the means by which the attacks of this destructive pest can be prevented, and its ravages checked. As pointed out, it is difficult to combat, because the tiny mites not only feed on the outside of the bulbs, but they exist between the leaf scales, feeding, and laying their eggs in the interior, where they can scarcely be reached. It is advised that the best plan is to burn infested bulbs, and disinfect the soil from which they have been removed. Another suggestion is to "wash or spray the bulbs with paraffin," and repeat the treatment a fortnight later. Washing the bulbs in sulphide of potassium (liver of sulphur), one ounce

to three gallons of water, is also recommended. Probably fumigation with bisulphide of carbon will be found the most effectual method of dealing with the pest.

The bulbs to be treated should be placed in an air-tight receptacle, and a saucer, into which the bisulphide has been poured, placed on the top of them. It is advised that the bulbs should be left in the receptacle for forty-eight hours, and also that imported bulbs should be subjected to a thorough fumigation. The rate at which the bisulphide of carbon should be used is one pint to every 1,000 cubic feet of space. It is important to constantly keep in mind the fact that the fumes are very poisonous, and must not be breathed, and that no naked light must be brought near them. Bisulphide of carbon is efficient, but very dangerous, and requires the exercise of the greatest possible care in its use.—Gardener's Magazine.

George A. Robinson.

George A. Robinson, president of the Canadian Horticultural Association, the annual convention of which will be held at Montreal, Que., August 8-10, was born in England, and after a liberal education, served in several good establishments. After learning the business thoroughly, he came to Canada and settled in Montreal, where for several years he was head gardener for William Joyce, of Outremont, where he had no difficulty in establishing a reputation for himself as a practical gardener and general plantsman. He has always taken a keen interest in the nearby exhibitions, and has won many prizes at the different shows held by the Montreal Gardeners' and Florists' Club, of which he was president during the meeting of the last C. H. A. convention in that city. About three years ago he went into business with William Hall at Outremont, where they have at present a very fine establishment and grow a superior quality of stock. Besides the greenhouses, the firm also has a fine retail establishment in Montreal. Mr. Robinson is very popular among the craftsmen, and is well liked by all who have the pleasure of his acquaintance.



The Late David S. Grimes.

See obituary, page 1105.

WASHINGTON, D. C.

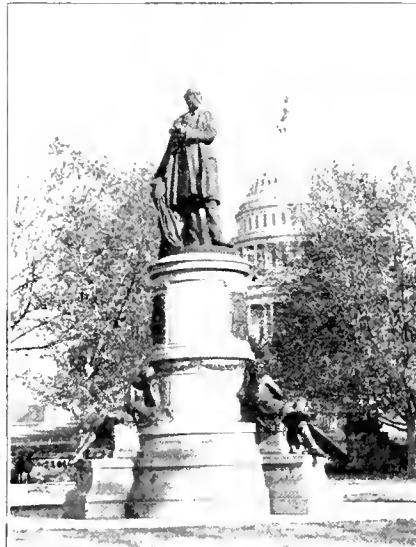
The Florists' Convention City, August 15, 16, 17 and 18, 1905.

The Parks, Circles and Statues.

In view of the approaching convention of the Society of American Florists in the capital city of the nation, it has seemed opportune to place before the readers of the AMERICAN FLORIST a few sketches of the city in which, with all good citizens of this republic, they have joint interest and pride. The writer does not presume that the readers of this journal are uninformed as to the history of their national capital; but there are sometimes a few minor details which the great historians leave out and as time has a way of moving onward, leaving improvements in its track, it is hoped that these sketches may be of interest and aid to prospective visitors and others.

PARKS.

It is presumed that the landscape horticulturists, when they visit Washington, will be deeply interested in its system of

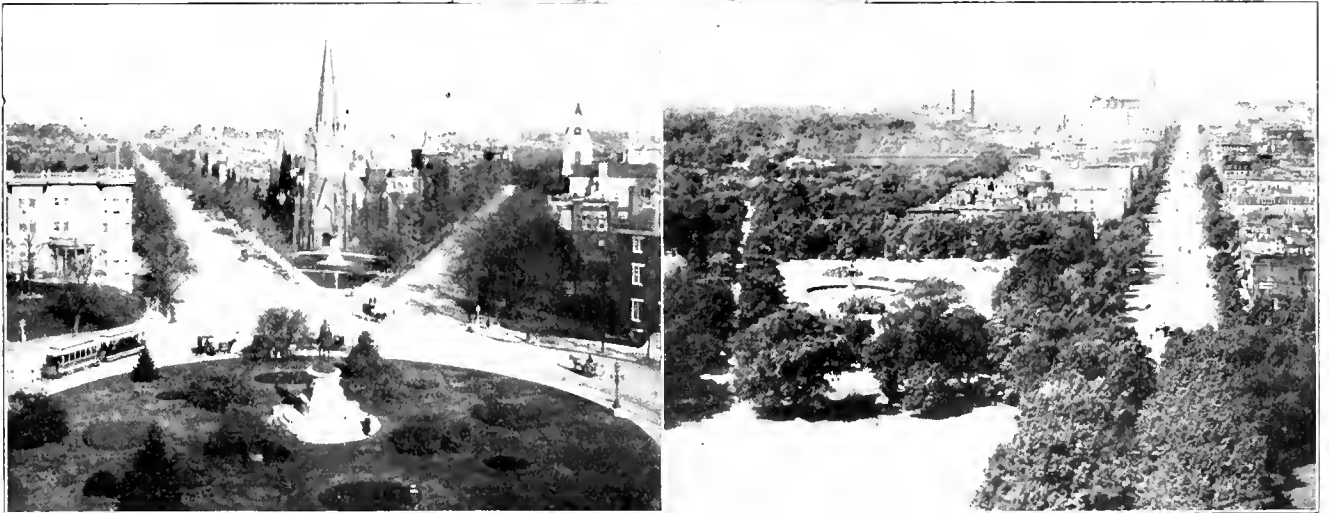


around and beyond the monument, looking from the capitol, is designated as Monument park, and near by are the government propagating gardens, where the plants for the parks and public grounds are propagated. At these gardens there is a considerable area under glass, and not only bedding plants but roses, carnations, palms, crotons and a large stock of other decorative and ornamental plants are successfully grown.

CAPITOL GROUNDS.

Mention of the parking of Washington would be incomplete if the capitol grounds were omitted. They are beautiful and well cared for and probably give more enjoyment both to visitors and residents than any equal area of parking in the city. There are many beautiful trees and flowering shrubs, which may in the future receive more extended notice in these columns.

Lafayette square, directly across Penn-



parks. In the engraving herewith, Pennsylvania avenue from the dome of the capitol to the left of the picture, looking toward the monument, is seen a part of that wide expanse of parking which is generalized as the mall. The foreground is a part of the capitol grounds and the fountain is in the Botanical Gardens. From the viewpoint of a landscape artist it is unfortunate that the mall is cut in two by a network of railway tracks; but with the completion of the tunnel under Capitol Hill to the new union station on the north side, an opportunity will then be had to carry out contemplated improvements in this very interesting park.

On the mall are already located the national museum, the Smithsonian Institution, the Department of Agriculture, the medical museum and the Fish Commission. Work is also in progress on new buildings for the Department of Agriculture and the national museum. In preparing for the foundations of these buildings, the museum in particu-

lar, a large number of beautiful trees were destroyed. As the trees of the mall are its crowning glory, the destruction of even a small number of them has caused, from time to time, most earnest protests from citizens and the public press of Washington. There is a party, and among them are men of national repute, who vehemently oppose any further use of the mall for building purposes. They contend, and with reason, that the government should acquire that strip of land between Pennsylvania avenue and the mall, demolish the cheap and indifferent buildings and erect thereon buildings that would compare favorably in greatness with the capital of this great nation. In brief, they want the mall preserved from further encroachments, and believe that the space between the Botanical Gardens and the city postoffice, seen in the engraving, should be used as sites for beautiful buildings for the various uses of the departments of the government.

A considerable space of parking

sylvania avenue from the White House grounds, is a beautiful and interesting spot; beautiful with its noble trees and diversity of shrubs, and interesting because of the historic associations it recalls. It contains a statue of Lafayette with other French officers grouped about him; a statue of General Andrew Jackson, as the hero of the battle of New Orleans, and a statue of de Rochambeau.

Lincoln park is on East Capitol street, some distance east of the capitol grounds. In it is a statue of Abraham Lincoln striking the shackles from a slave. This statue was erected by contributions from the colored people of the nation.

CIRCLES.

There are in Washington a number of small circular parks, located at the intersection of avenues with lettered and numbered streets. For instance, in the engraving here shown, Thomas circle is at the intersection of Massachusetts and Vermont avenues with Fourteenth

and M streets. The statue in Thomas circle is of General George H. Thomas and was erected by the Society of the Army of the Cumberland. Across the street, in front of the Lutheran church, is a statue of Martin Luther. Other circles are Washington, with statue of Washington; Dupont, with statue of Rear Admiral Dupont; and Iowa circle, with statue of General John A. Logan. S. E.

Florists of Toledo, Ohio.

GEORGE A. HEINL.

This place of eight acres located just outside of the city has twenty-four houses, 40,000 square feet of glass, many of them built in the most modern and substantial way. At present some of the old wooden benches are being displaced by those of concrete and tile. A general assortment of stock is grown, eight houses being devoted to roses, including one each of Bon Silene, Ivory, Golden Gate, Bridesmaid, La Detroit, Bride and Meteor and 500 plants of the new Richmond. For roses the soil is sterilized. For this purpose a portable steam boiler is used, 100 pounds being the most desirable as the soil does not become damp with this high pressure as it would with the low pressure only obtainable from the ordinary greenhouse steam boiler.

A field of 20,000 carnations are extra fine, and include Lawson, pink and white, Enchantress, Estelle, Dorothy, Guardian Angel, Bon Homme Richard and Crane, the latter being considered here the most satisfactory of all. Herbaceous plants occupy much of the ground, and a spacious winter bulb storage house completes the equipment of the place.

Mr. Heinl for the past eight years has made a feature of offering pot plants of all sizes and varieties from 2 to 4-inch for 5 cents each. The sales are usually commenced about May 15 and continue about ten days. No pots are given, no deliveries made, and sales are for cash only.

About 50,000 plants are thus disposed of annually, and the popularity of this

method is attested by the increased interest of the public in it from year to year.

GEORGE P. BAYER.

The place contains about 45,000 square feet, the most of which is in four connected houses of combined width of 54 feet and over 700 feet long. Concrete walls and benches are used throughout. The Yarian system of heating is employed, consisting of a circulation of hot water in pipes with the aid of pumps by which the hot water is forced into the arrangements of pipes and again withdrawn with the rapidity that insures the maintenance of the same heat in the pipes in all parts of the house. Here carnations, chrysanthemums and tomatoes are grown. About 50,000 chrysanthemum plants are now closely planted outside and will soon replace tomatoes inside. Mr. Bayer has recently installed automatic sprinklers in his houses and also one outside for watering his asters, etc.

JOHN GRATOPP.

John Gratopp started here nine years ago and has made a success with carnations and vegetables. He has about 30,000 square feet of glass and constantly increasing his capacity. Mr. Gratopp solves the spring carnation glut problem by planting early in the fall and getting the most from his plants before the spring glut season arrives, then devotes the space to cucumbers which had been grown in heat to almost bearing size, thus reducing the non-productive period of his glass to a minimum. It would be well for other carnation growers to follow his example and the commission man and retailers would escape much abuse for the low prices prevailing in the spring time.

MRS E. SUDER.

This place is referred to as the pioneer of all the present florists' establishments doing business here, and is about thirty-five years old. The head of this place, Mrs. E. Suder, has by hard work gradually built up a very substantial trade that is still increasing. Much of the stock sold is grown in their own houses

of about 20,000 feet. The store in the business center of the city is well located and in its management Mrs. Suder is ably assisted by her son, Emil, and son-in-law, Mr. Galway.

KREUGER BROTHERS.

Kreuger Brothers have a place containing about 40,000 square feet of glass in fourteen houses and grow carnations, roses and chrysanthemums and dispose of the most of it by wholesale to Toledo dealers, though occasionally outside markets have been supplied. The firm is composed of three brothers, Henry, Otto and William. They started in a small way ten years ago and incorporated five years ago. They are all intelligent, progressive and hard workers.

DAVIS & MAGEE.

Davis & Magee now have about 10,000 feet in the residence district and grow a general assortment of plants and flowers, retailing the same, and are large buyers of cut flowers to supply their large and fast increasing trade. Mr. Magee came from Philadelphia about ten years ago, where he got his first knowledge of plant growing from Robert Craig.

A. N. PECK.

A. N. Peck has about 8,000 feet of glass and a neat retail place in the most desirable residence district. He started here about ten years ago, has a good business, and is very progressive.

O. B. WISMER.

O. B. Wismer purchased what is called the old Gardner place of 10,000 feet, two years ago. A general assortment of plants is grown and retailed upon the place.

JOSEPH SIEGRIST.

Joseph Siegrist started here eighteen years ago and now have over 15,000 feet of glass. He grows a general assortment of stock and retails it all.

W. E. HONBERGER.

W. E. Honberger has 7,000 feet of glass, grows carnations and a general assortment of pot plants, retailing all his product.



SNAPSHOTS OF P. McKENNA & SONS' NEW STORE, MONTREAL, QUE.

Miss E. M a, artist in charge.

C. W. COUNTER.

This establishment has 10,000 feet of glass. Mr. Counter grows carnations chiefly, and is at present rebuilding his entire place.

MISS FLICK.

Miss Flick is about to remove her retail store from the Watts block to a neat store in the New Madison court.
J. F. S.

THE RETAIL TRADE

Flowers at the Hay Funeral.

It is probable that never before at the funeral of any public man, was witnessed such a collection of floral tributes expressive of the sincere grief of governments, rulers, public officials, societies, and citizens in general, than that at Cleveland, O., July 5, at the funeral of Secretary of State John Hay. These were assembled in the morning in the Chamber of Commerce building where the body lay in state. The majority of the floral offerings took the form of wreaths. A great part of the work was done by J. H. Small & Sons, of New York and Washington, D. C., this firm sending an entire carload of flowers and designs. The J. M. Gasser Company, of Cleveland, O., had charge of all the funeral flowers and did most of the work connected therewith. Smith & Fetters had the decorating of the Chamber of Commerce and the Wade Park Memorial chapel, where services were held over the body. The wreath of orchids sent by King Edward was especially fine and must have cost from \$300 to \$400. Among the tributes were the following:

President and Mrs. Theodore Roosevelt, a wreath of orchids, maidenhair ferns and cypress leaves.

King Edward VII., a wreath of orchids. Sir Mortimer and Lady Durand, a wreath of lily of the valley.

Whitelaw and Mrs. Reid, a wreath of lily of the valley and white roses.

The Japanese government, a wreath of iris.

Minister and Mrs. Takahira, a wreath of lavender sweet peas and maidenhair ferns.

The President's Cabinet, a standing wreath of white sweet peas with a cluster of orchids and a base of Easter lilies and American Beauty roses.

The Department of State, a standing wreath of Killarney roses and lily of the valley and a base of Easter lilies and cypress leaves.

The diplomatic corps, a standing wreath of green galax with sprays of lily of the valley and of lavender orchids, and a base of Easter lilies and American Beauty roses.

The Korean legation, a wreath of brown galax and Eucharist carnations with palm leaves crossed in the center.

The Brazilian government, a wreath of white and purple sweet peas, with clusters of orchids and cypress leaves tied with blue, yellow and black ribbon.

The Cuban legation, a wreath of brown galax with clusters of white carnations, American Beauty roses, Easter lilies and orchids.

Secretary Hitchcock, a wreath of cypress leaves with a cluster of white roses.

Manuel Alvarez Calderon, Minister of Peru, a wreath of white bachelor buttons, green galax, Asparagus Sprengeri and candytuft.

Cleveland Zionists, emblem of Zionism, two crossed flags with a star in the center.

B'nai B'rith, a wreath of American Beauty roses and lily of the valley.

International Bureau of National Republics, a wreath of Killarney roses, lavender sweet peas, with a cluster of Easter lilies and with a grouping of cypress leaves in the center.

Loyal Legion, Commandery of District of Columbia, a solid wreath of white carnations with clusters of American Beauty and Kaiserin roses and brown galax.

Veterans of Troop A, a standing wreath of white peonies with clusters of lily of the valley and white roses.



FLOWERS AT THE HAY FUNERAL.

Emblem of Zionism from Cleveland Zionists.

Troop A, a spray of white roses. Chinese merchants of Cleveland, a standing wreath of Rambler roses with a cluster of lily of the valley and a base of white and purple iris.

Citizens of Rochester, a wreath of white sweet peas with a cluster of pink roses.

The Church of the Covenant, Washington, D. C., a wreath of lily of the valley and orchids.

The New York Tribune, a reclining wreath of American Beauty roses and lilies.

Robert and Mrs. McCormick, a large standing wreath of white roses and orchids.

Governor and Mrs. Myron T. Herrick, a wreath of red galax and white roses.

S. A. and Mrs. Raymond, a wreath of white carnations with clusters of red roses and white sweet peas.

New York.

MARKET STAGNANT.

The market is settling down to the conditions which usually exist at this time of the year—large influx of stock, few buyers, consequently loaded ice boxes and ash barrels. The supply of roses is inordinately large, and the quality, in the main, of the lowest. While quoted prices represent the best quality of stock, it may be said of the general run of arrivals that they are bringing just about what they are worth, slight advantages in quality scaling the prices from 10 cents to \$1 per 100 in mixed grades. American Beauty are in over-supply and top prices represent only selected stock. The bulk of the various shipments goes off at prices covering a range impossible to record. Suffice it to say that no channel for movement of stock is slighted, and some kind of a clean up is made. Carnations are not over plentiful, but such as are presented are low in quality and the blooms small.

Here and there a little lot of fair flowers may be seen and they bring good prices, but in general carnations are not bringing good prices. Lily of the valley is a very slow seller and is coming in quantities larger than can be absorbed. Lilies are about done. Sweet peas are a bugbear to many of the commission men, even when received in fair condition, and the prices realized have no base whatever. One wholesaler was glad to part with 1,400 bunches for \$4, and there have been many similar transactions, the only alternative being the dump. Dahlias are coming in, but most of the arrivals are nothing but rubbish. A quantity of white hollyhocks have been in evidence of late, and when retailers have use for them, they bring 25 cents per 100.

The Market July 12.—The market is extremely dull to-day, and it is impossible to clean up the stock offered.

NOTES.

The vacation season is on and many departures from the street are already evident. Miss Reilly, J. K. Allen's bookkeeper, left on Monday on a month's vacation. John A. Foley, who looks after the interests of N. Lecakes & Company, is dividing his time between the business and a nearby seashore resort. Gustave C. C. Schrader, of Woodside, has been away several days, in company with Victor Dorval, Jr., on an automobile trip up the state.

Joseph Mallon, of Brooklyn, is touring Long Island in a driving rig, and John Mallon is taking occasional local trip prior to a sojourn in the Catskills. Meanwhile the Fulton street store is in charge of Louis Michell, who is an able lieutenant.

S. Keller, of Reed & Keller, manufacturers of florists' supplies, leaves July 20 on a trip to Europe in the interests of his firm. Mr. Reed is already busy on the firm's plans for their convention exhibit. In the exhibit of their wire goods at Washington they will have ten absolutely new funeral designs.

The coming convention of the S. A. F. at Washington is a general topic of conversation in the trade just now. While no announcement has yet been made by the New York Florists' Club as to transportation arrangements, indications point to a large party from this section.

Joe Vocke, the manager of William H. Siebrecht's business at the Cut Flower Exchange, was married July 6 to Miss Sadie Crozier, of Woodside. The benedicts will be added to at the opening of August through the marriage of George J. Allen, son of J. K. Allen, at that time.

The George M. Stumpp Employes' Association held their seventh annual outing at Silver Lake Park, L. I., on Wednesday, July 12. The occasion proved most enjoyable.

The annual meeting of the stockholders of the New York Market Florists' Association will be held at 257 Broadway July 17, the business including the election of directors.

N. Lecakes & Company have harvested their usual big stock of galax and have over a thousand cases in cold storage.

Visitor: Mr. Rahley, of the Michigan Cut Flower Company, Detroit, Mich.

Chicago.

THE MARKET.

There was not much change noticeable in the market the past week. Practically all weddings and special functions are over and trade has simmered down to the usual amount of summer orders, and, as several dealers have said, they are satisfied if they get along with only a moderate loss on each day's business, although some report a better than usual business so far for July. Beginning Sunday we had three days' rain and moderately cool weather, which tended to shorten the supply. Some extra good American Beauty roses for the season are seen. The usual run of roses sell up to \$6, and Liberty and Kaiserin bring from \$8 to \$12. There is not much improvement in the quality and price of carnations. Street men are selling them at 10 cents and 15 cents per dozen, and there does not seem to be any great demand. Gladioli bring from 35 cents to 75 cents per dozen. Some nice lily of the valley is seen. There has been a surplus in the supply of ferns, although large quantities have been handled. Growers in general report a heavy business in cuttings and plants, especially chrysanthemums.

CONVENTION ROUTES AND RATES.

President Vaughan, who has been acting with Chairman P. J. Hauswirth, of the transportation committee, reports that up to this time nothing more advantageous has been secured than the general rate of one and one-third allowed by the passenger associations. This being in force everywhere, the additional advantage now looked for lies in some special concessions possibly obtainable through joining a large number of delegates from central localities in one train, and the result of Chairman

Hauswirth's efforts in this direction will be known by the end of the week. Members planning to travel via Chicago may depend on such betterments in excess of a fare and one-third as it is possible to obtain.

NOTES.

The Illinois State Horticultural Society is making preparations to celebrate its semi-centennial meeting next December and some great things are being planned. The paid officials, however, will find it difficult to prove that in fifty years, with public funds, the society has done as much for Illinois horticulture as a comparatively insignificant group of florists in this city has done with private funds in ten years. By their grafting ye may know them.

John Risch, of Weiland & Risch, is the author and composer of a new song entitled "My Sweet Killarney Rose" that he has dedicated to the flower of that name which will be extensively handled by his firm. The song is now in the hands of the publishers.

H. E. Philpott, Winnipeg, Man., who recently sold his establishment, is now in Chicago for an extended visit, enroute to the Canadian convention at Montreal and the S. A. F. convention at Washington.

Thomas Boulter, of Highland Park, died at the Alice Home hospital in Lake Forest July 5 from injuries sustained at the hands of an unknown assailant July 2, while returning to his home from Waukegan.

George Harter, grower, and also mayor, of Morton Grove, says that town has been flooded with "hobo" help, and stringent measures have been adopted to rid the town of all who will not work.

Scheiden & Shoos, of Evanston, will this week commence housing their young carnation plants, which are in first class shape. Their cut is handled by Weiland & Risch.

E. C. Amling is displaying some exceptionally fine American Beauty roses for the season. The flowers are of winter quality, with good, full blooms and long stems.

Louis Kubita, who recently purchased the wire design manufacturing establishment of Howe & Taylor, 60 Wabash avenue, is busy getting a new stock in shape.

A. Whitcomb, of Lawrence, Kans., passed through the city this week enroute to Vermont. He will attend the S. A. F. convention on the return journey.

William Blackman, of Evansville, Ind., was here last week consulting a medical specialist. Edward S. Blackman, his son, accompanied him.

J. A. Budlong commenced planting carnations this week. About all the roses are dried off and pruned and are ready for planting.

E. G. Gillett, of Cincinnati, O., was a visitor last week in the interest of S. A. F. convention transportation matters.

P. J. Hauswirth and wife left July 8 for Buffalo, N. Y., to attend the Elks' annual gathering.

President Selfridge, of the Horticultural Society of Chicago, sailed for Europe last week.

Fred Lautenschlager, is now connected with the Kroeschell Brothers Company.

Charles W. McKellar and wife spent Sunday in Milwaukee.

Mrs. Frank Beu will sail for Germany July 19.

Visitors: George A. Kuhl, Pekin, Ill.; A. Harvey, Detroit, Mich.; Thomas Zoot, Albia, Ia.; W. H. Drake, Kenosha, Wis.; William Graf, of Graf Brothers, Columbus, O.; L. J. Stuppy, St. Joseph, Mo., returning after an extensive tour of eastern trade establishments.

Philadelphia.

TRADE AT LOW EBB.

Business is about at its lowest ebb. Roses, good ones, are very scarce. Kaiserin is the best white, but is difficult to hold with the very warm days we have been experiencing lately. The Niessen Company has been handling some very fine American Beauty the past week. It is very satisfactory stock to carry. Liberty roses are now coming very thin and single; there are a few Bridesmaids, but are only apologies for the usual run. S. S. Pennock helps out with shipments every day except Monday with Bridesmaid, which are still in good form. Sweet peas have taken on another spurt, the final one, the growers say. There are quantities of very fair quality on hand. There are still a few carnations, but they are very small. Robert Craig & Son are sending in some auratum lilies which sell fairly well. Gladiolus appears to be scarce, but will soon be in again. Double white petunias are much in demand for funeral work.

NOTES.

Godfrey Aschmann, the well known grower and importer, saved himself a considerable sum of money last week by drawing the greater portion of his deposit from the bank the morning before the doors were closed.

Berger & Brother, the Filbert street wholesalers, will give up their present location and take new quarters with the Philadelphia Wholesale Flower Market.

George C. Watson, general agent for several wholesale firms, has removed his office to the S. S. Pennock building, 1614-18 Ludlow street.

Robert Kift, trading as Joseph Kift & Son, is insolvent and proceedings in voluntary bankruptcy were begun July 8.

Most of the stores now close at 6 p. m. and some of them at 1 p. m. on Saturdays.

Baker is handling some fine achilleas, the best we have ever seen in this market.

K.

Boston.

THE MARKET.

The market has gone all to pieces this week, as is usually the case the week after July 4. Cut flowers can scarcely be given away. One of the larger growers of roses reported that he had 12,000 roses on hand which he saw no chance whatever to dispose of. In fact, very few roses have been sold the past week. Carnations can be bought at any price and the purchasers can get them at their own figures. Sweet peas are in the same category as the carnations. The exceptionally warm weather of the past week has forced all flowers along so rapidly that the supply is excessive.

NOTES.

Thomas Galvin sent a very expensive wreath to the funeral of John Hay, at Cleveland. It was ordered by the United States embassy at St. Petersburg. It

was made up of orchids, the purple *Catleya labiata* and the yellow *oncidium*, together with *Farleyense* ferns, and was 15 feet in circumference.

A. Leuthy, of Roslindale, is to take an extended trip to Europe, where he will make an effort to find novelties in his special line. He will visit Belgium, France, Holland, Italy, Switzerland and England. He hopes to obtain a large assortment of palms and azaleas.

There have been some novelties on exhibition in the public gardens during the past week, chief among which were some bamboo plants exhibited for the first time. A night blooming *cereus* has been one of the centers of attraction.

The Massachusetts Horticultural Society held one of its summer exhibitions July 8, the principal flowers exhibited being hardy roses, sweet peas, delphiniums, campanulas, iris and hardy herbaceous flowers.

Barney McGinty, salesman for Eber Holmes, of Wakefield, has severed his connection with that firm, and will take a well-earned vacation before opening his new wholesale store September 1.

Duncan Robertson, of Syracuse, formerly connected with the firm of J. Newman & Sons, is visiting in Boston. H. P. S.

Baltimore.

DULL SEASON ON.

The items of most interest in the past week here were the great Christian Endeavor convention, which filled our city with visitors from all over the country, and the great flood which swept across a portion of the city and suburbs. The number of visitors had little, if any, influence on the flower trade. There was some decorating of churches and a number of hardy flowers used, but except in the case of one or two meetings, at which some roses were distributed to the participants, there was nothing to touch the interests of the store people or the growers. The flood fortunately did little injury to the city, but in the contiguous territory many bridges were washed away, roads destroyed and farm crops carried off by the rushing waters. The downfall of rain was phenomenal, and had it not been local there would doubtless have been loss of life as well as property. Outdoor stock was beaten down and made valueless for the time, and for several days there was a marked scarcity of flowers, but this inconvenience has now passed. Trade keeps fairly active, the season considered, and last week all receipts were worked off at moderate figures. The market people complain that demands for their goods are about over, and all branches of the business now stand face to face with the usual period of dullness which July and August bring.

NOTES.

It is understood that Edwin A. Seidewitz, who bought a place near Arlington, just on the edge of the city, a few years ago, and on which he has put up some greenhouses, is now negotiating for the sale of the same to the Wabash railroad people, who bought the Western Maryland railroad, which runs through his tract.

Temperature keeps high, the atmosphere moist and it has rained almost daily since the end of June, with the result that outdoor stock is growing rapidly. S. B.

GENERAL NEWS.

DOUGLAS, WYO.—Mrs. Colby expects to add a rose house to her establishment this season.

CAMDEN, ME.—George Glaentzel's business the past season has proved very satisfactory.

ANDERSON, IND.—J. S. Stuart, of Stuart & Haugh, left with his wife July 4 on a two months' Western trip.

BELLINGHAM, WASH.—The second annual rose fete of the Rosarian Society took place June 27-28, 1905.

ENSLEY, ALA.—John L. Parker, of Birmingham, Will have his new greenhouse here completed in a few days.

HOUGHTON, MICH.—J. G. Stone is the present owner of the Lutey Floral Company's property. A. E. Lutey is manager.

MEXICO CITY, MEX.—John Balme, Jr., of J. Balme & Co., has been traveling in Europe and Cuba during the past five months.

WINONA, MINN.—The Winona Floral Company has been declared bankrupt, with liabilities of \$1,752.55, assets \$812.87.

MT. VERNON, IA.—Adair Cowan has taken a half interest in C. S. Meek's greenhouses and the plant will be doubled in size.

PASADENA, CAL.—W. J. Hesser, formerly well known to the trade at Plattsmouth, Neb., is now located at 26 South Pasadena avenue, this city.

ROCKFORD, ILL.—Fred Johnstone has secured an injunction against Mrs. J. F. Wisner to prevent her from closing the greenhouses for which he owes her rent.

MT. CARMEL, ILL.—M. L. Tilton has acquired possession of the greenhouse here, exchanging for same a stock of merchandise in Bellmont with G. S. Clark, the owner.

FRANKFORD, PA.—Hitchings & Company, of New York, have secured the contract for the erection of three greenhouses for the Friends Asylum for the Insane, the cost being \$14,500.

HIGHWOOD, ILL.—A. Volger, a florist near this place was assaulted July 2, and robbed of his watch and other valuables. His body was dragged into the woods. His assailant has not yet been apprehended.

JERSEY CITY, N. J.—The Greenhouse Company, with a capital of \$200,000 has been incorporated by Preston LaBaw, W. R. Phillips and Sydney A. Williams. The company is to build and operate greenhouses.

MARTINS FERRY, O.—Mrs. Reiner, who owns a large farm at this place, has built a water system, getting her supply from natural sources. She finds this a great advantage to her in her extensive gardening business.

AMHERST, MASS.—Francis Canning, of the horticultural department of the Massachusetts Agricultural College, and wife will sail from Boston, Mass., on the S. S. Saxonica for a three weeks' visit in England with friends and relatives.

WINNIPEG, MAN.—Ormiston & Griffith have purchased the greenhouses and

business of H. E. Philpott. The greenhouses will be moved to a new location, but the firm will continue in the old store until building operations have commenced.

DE HAVEN, PA.—The partnership existing between George F. Hofmeister and Albert T. Lorch under the firm name of A. T. Lorch & Company was dissolved June 30. The business will be carried on under the same name by Albert T. Lorch.

OBITUARY.

Thomas Boulter.

Thomas Boulter, of Highland Park, Ill., died July 5. The deceased was born October, 1871, at Pirbright, Surrey, Eng. His wife and two children mourn his death.

David S. Grimes.

David S. Grimes, the veteran horticulturist and tree seed collector of the Rocky mountains, died at his home in Denver, Colo., June 28, aged seventy-seven years. Mr. Grimes went west with the Greeley expedition in 1871, from Indianola, Ia., and settled down to business as a nurseryman and florist at Denver in 1878. Retiring a few years ago, the business passed to his son, W. H. Grimes, by whom it is still carried on. Mr. Grimes was president of the first horticultural society organized in Colorado and planted the first orchard at Grand Junction, the best fruit growing center of the west. Mr. Grimes was known to seedsmen and nurserymen throughout the world, many of whom he supplied with seeds of the rare trees and plants of the Rockies, and he has been quoted frequently as an authority on the sylvia and flora of that region. Scores of friends of the deceased attended the funeral service June 30 and listened to the touching eulogy given by the Rev. Frederick Oakes. The sterling character and the wonderful personality of the man were dwelt on at length by the minister.

Duncan M'Gregor.

Duncan McGregor, a gardener who for several years has been employed in the United States propagating gardens, Washington, D. C., under Superintendent G. H. Brown, died at the Sibley hospital in that city July 8. His death resulted from a complication of diseases. The deceased was about fifty years old and was a native of Aberdefeldy, Perthshire, Scotland, coming to this country when quite young. He worked for several years in the United States Botanical Gardens and also at the horticultural department of the United States Naval Academy, Annapolis, Md., relinquishing his position with the government to go to Mansfield, O., as gardener for Senator John Sherman. After the death of Senator Sherman he returned to this city and re-entered the government service, where he remained, as previously stated, until stricken a few months ago. His nearest known relative in Washington is a cousin, John McGregor, a prominent contractor and builder of that city. Interment was in Glenwood cemetery in the plot of the St. Andrews and Caledonian societies.

S. E.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from those in the trade.

Advertisements, on all except cover pages, 10 Cents a Line, Agate; \$1.00 per inch. Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive insertions, as follows—6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent.

Space on front pages and back cover page sold only on yearly contract at \$1.00 per inch, net.

The advertising Department of the AMERICAN FLORIST is for florists, seedsmen and nurserymen and dealers in wares pertaining to those lines only. Orders for less than one-half inch space not accepted.

Advertisements must reach us by Monday to secure insertion in the issue of the same week. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send the old address at the same time.

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"J. M." and other correspondents should note that no attention is given communications which do not bear the full name of the sender.

CONTINUED soaking rains in the vicinity of Chicago and other western localities has injured the carnation plants in the fields.

THERE will be a meeting of the glass jobbers at Chicago, July 13, when, owing to shortage in supply, it is expected the price will be advanced 10 per cent.

THE marketing of violet blooms through the retail fruit trade is noted elsewhere in our news columns. Our wholesale flower dealers must take care of this growing line.

THE Royal Society of Agriculture and Botany, of Ghent, Belgium, announces that an international horticultural exhibition will be held April 25 to May 3, 1908, in celebration of the centennial of its foundation.

Society of American Florists.

ESSAYS ON THE IDEAL EMPLOYER.

Attention is called to the prizes offered by Treasurer Beatty, \$25, \$15, \$10, for the first, second and third best essays on "The Ideal Employer." These papers must be sent to the office of the secretary without signature, but with the name of the writer accompanying same for the purpose of record, and should not exceed 1,500 words each. The time limit within which these papers must be filed with the secretary has been extended to July 20.

WM. J. STEWART, Sec'y.

PRIVATE GARDENERS.

A letter from President Vaughan was read at the last meeting of the Washington Florists Club in regard to the private gardeners who intend to take in the Convention. A number of the gardeners had expressed their intention of attending the convention while others had raised the objection, "We know so few in the trade, and not belonging to the society ourselves would feel lost and maybe out of place." President Vaughan suggested that the local club appoint a member to look after the interests of the private gardener. The club therefore appointed Peter Bisset chairman of a committee to see that all private gardeners who came to the convention be met at the depot and made welcome, and rendered any assistance required.

Any gardener who intends to come to the convention can have rooms booked for him, or can get any information desired by writing to P. Bisset, Twin Oaks, Washington, D. C., who will gladly do all he can to make the visit of the private gardener to Washington a pleasant one.

PETER BISSET.

[A list of the leading hotels, with rates, will be found elsewhere in this issue.—Ed.]

Meetings Next Week.

Boston, Mass.—Gardeners' and Florists' Club of Boston, Horticultural hall, July 18.

Detroit, Mich.—Detroit Florists' Club, Cowie building, Farran and Gratiot avenues, July 19, at 8 p. m.

Hamilton, Ont.—Hamilton Gardeners' and Florists' Club, office of member, July 18, at 8 p. m.

Manchester, Mass.—North Shore Horticultural Society, July 21.

Montreal, Que.—Montreal Gardeners' and Florists' Club, Alexandria rooms, 2204 St. Catherine street, July 17.

New Haven, Conn.—New Haven County Horticultural Society, July 18.

Newport, R. I.—Newport Horticultural Society, July 19.

Richmond, Ind.—Richmond Florists' Club, greenhouses of member, July 17.

St. Louis, Mo.—Plant and Cut Flower Growers' Association, July 19, at 3 p. m.

Toronto, Ont.—Toronto Gardeners' and Florists' Association, St. George's hall, Elm street, July 18, at 8 p. m.

The Burnham-Hitchings-Pierson Company.

The record of the consolidation of the Lord & Burnham Company, Hitchings & Company and the Pierson-Sefton Company is supplemented in fact by an announcement which the Burnham-Hitchings-Pierson Company, the name of the organization representing the consolidated interests, is making this week. All incompleting contracts made by the individual companies prior to the consolida-

tion will be executed by the new company, and the active members of such companies will be prominent in the management of the new organization. The consolidation has been effected with the idea of securing economy in operation of the different plants and as being conducive to increased efficiency in the various departments. The best patented features of the different styles of construction are to be combined, with the result that an improved form of construction will be evolved.

In the concentration of the management, important economies will be effected in the designing, estimating, selling, and in manufacturing and other departments, all leading to a conduct of business on a much closer basis than could be possible under conditions heretofore existing. With an organization increased in scope and strength, the execution of contracts is expected to be attended with greater expedition, and preliminaries in the matter of estimates completed more promptly under the consolidation.

The manufacturing facilities are materially strengthened, and larger stocks of both finished and unfinished material can be carried, conditions which will lend a great advantage in the direction of quick completion of any kind of greenhouse work on an economical basis. The offices of the new company are at 1133 Broadway, New York City, and a branch office has been opened in the Tremont building, Boston, Mass.

Diseased Rose Plants.

ED. AMERICAN FLORIST:—

We have some 3-inch plants of Golden Gate and Ivory rose plants that are affected to a rather alarming extent with root gall. We would like to know if this is a form of eel worm or whether the soil is responsible, or is it caused by keeping them too dry in their young state. We are afraid to plant them not knowing how far this disease will extend through the winter months.

S. F. S.

From the description of the plants, it would not be advisable to plant them, for they are without doubt seriously affected with club root caused by eel worm. This condition was perhaps brought on by keeping the plants entirely too dry and too long in the small pots. Still, "S. F. S." may have used soil containing eel worm, but I have seen eel worm get the best of the young stock in pots regardless of the quality of soil used, simply through neglect either by allowing the plants to become pot bound and stay in that condition, or from careless watering where the plants have become dry and been kept that way, only half watering them, etc. I have never known but one instance where plants have outgrown a bad case of club root. These were Kaiserin plants that had been forced all winter on a bench containing four inches of soil with strong bottom heat. In the spring they were found to be badly affected with eel worm. As an experiment they were allowed to get bone dry, lifted, then the soil was all shaken from the roots and the root galls carefully stripped off. The plants were then pruned back hard and planted in a solid bed where they did splendidly for two seasons in the same soil. But where the plants are badly diseased while in small pots as in the case of "S. F. S.," I should certainly throw them out and get healthy stock to replace them. E.

SITUATIONS, WANTS, FOR SALE.**One Cent Per Word.**

Cash with Adv.

Plant Advs. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1905 is entitled to a five-line WANT ADV. (situations only) free, to be used at any time during the year.

Situation Wanted—By a good grower to take charge. Box 359, care American Florist.

Situation Wanted—By German, 40 years of age; reliable, all-around florist; able to take charge. Box 366, care American Florist.

Situation Wanted—By gardener and florist in large retail place; 22 years' practical experience in the trade. Address Box 363, care American Florist.

Situation Wanted—By a good florist, single, 28 years old; ten years' experience in general line and carnations; state wages. Address Box 365, care American Florist.

Situation Wanted—By English gardener, single, age 26 years; experienced in all first-class gardening. First-class references. Address GEORGE BROWN, Earncliffe, Ottawa, Canada.

Situation Wanted—By practical grower, competent in every branch of the business, a position in the southwest; age 28; steady and sober. Best of references, Geo. A. LINFOOT, Butler, Pa.

Situation Wanted—A rose and carnation grower, long experience in growing the best stock, wants a position as foreman or grower; experienced in managing large places and working help to the best advantage. Best of reference. Box 367, care American Florist.

Situation Wanted—By a grower of roses, carnations, 'mums and general stock; married; can handle men; 14 years' experience; can furnish best of references. Also position with same firm by a refined young lady, helping with books, floral designing, etc.; three years' experience. Address Box 368, care American Florist.

Situation Wanted—As gardener, 20 years' practical experience in propagating and growing of pot plants, cut flowers and raising of general stock. Also grape growing and landscaping. Commercial or private place. State terms. Address M. R. care John McKenzie, Florist, North Cambridge, Mass.

Situation Wanted—By gardener and florist; life experience, France and America; single, French, 43 years old; competent in greenhouse work, forcing fruits, berries, vegetables under glass and outside; gardening work, trees, lawns, shrubberies, landscaping; can take full charge of gentleman's place. GARDNER, 136 West 26th St., New York City.

Situation Wanted—By a German, as manager; 20 years' experience in greenhouse work in general. Received four first-class prizes in the New Orleans horticultural exhibit. Carnations and roses a specialty. West preferred; married. Please state wages in first letter. Address Box 373, care American Florist.

Help Wanted—A No. 1 carnation grower, single preferred. Address with references. Box 369, care American Florist.

Help Wanted—Three helpers in rose houses; steady position. Address J. F. WILCOX, Council Bluffs, Ia.

Help Wanted—Good all around man for general greenhouse work. Address N. C. MOORE & Co., Morton Grove, Ill.

Help Wanted—Competent young man for pines, ferns and general greenhouse stock. H. F. HALLE, 548 W. Madison St., Chicago.

Help Wanted—Two assistant rose growers for large commercial place. Must have experience. THE GASSER Co., Euclid Ave., Cleveland, Ohio.

Help Wanted—At once, competent man for general greenhouse work. References required. Address J. A. BISSINGER, Lansing, Mich.

Help Wanted—Good grower of 'mums, carnations and general stock. State wages with board. Address Box 371, care American Florist.

Help Wanted—A first-class American Beauty grower to take charge of Beauty section. Man who has worked around Chicago preferred. JOHN MUNO, Rogers Park, Ill.

Help Wanted—General green house man especially good in carnations. Wages \$25 per month and board; permanent position. Address Box 374, care American Florist.

Help Wanted—At once, grower for section who thoroughly understands roses; married, with not over two children; must stay at least one year. C. H. FREY, 1133 O St., Lincoln, Neb.

Help Wanted—A young man with some knowledge of the garden and flower seed business, to open up such a line with a well established field seed business. Box 370, care American Florist.

Help Wanted—About August 1st, a good all-around grower and propagator of bedding plants, roses and carnations, with or without board and room. State experience and wages expected. LUDVIG MOSBAEK, Onarga, Ill.

Help Wanted—Thoroughly experienced rose grower to take entire charge of rose section and be responsible for results. Must furnish A No. 1 references. State salary wanted. THE GASSER Co., Euclid Ave., Cleveland, Ohio.

Help Wanted—General greenhouse man for old established plant in South Haven, Mich.; wages \$2.00 per day. Permanent position and chance for advancement to right party. Apply to E. F. WINTENSON Co., 45 Wabash Ave., Chicago.

Help Wanted—A working foreman to manage; one thoroughly competent to grow roses, 'mums and general cut stock. Good salary to right party. Apply with references to SAMUEL FEAST & SONS, 331 N. Charles St., Baltimore, Md.

Help Wanted—Gardener; large public institution; must be good grower of general bedding plants and understand handling small greenhouse. Salary \$30. house and vegetables. State qualifications fully and give references. Address COLLEGE OF INDUSTRIAL ARTS, Denton, Tex.

Help Wanted—By July 15 or later, competent, reliable foreman for three greenhouses; 10,000 feet of glass; must be a man with unquestionable character and ability, and who is well versed in growing carnations, roses and general line of plants; also capable of helping in floral work and filling plant orders; percentage paid on total receipts preferred, or wages; permanent place for right man; one who speaks German preferred. For particulars address with references CHARLES OTTO HORN, Grandon Greenhouse, Helena, Montana.

Wanted to Rent—Some greenhouses in good condition in or around Chicago. Address Box 360, care American Florist.

Wanted to Rent or Buy—A good retail place of 5,000 or 12,000 feet of glass. Send full particulars to Box 356, care American Florist.

Wanted—To lease or buy a greenhouse plant, with dwelling and barn, near Boston; good business. Box 50, care American Florist, New York.

Wanted—A second-hand boiler. Prefer Carnody No. 10 improved make or Kroeschell No. 1 or No. 2. Must be in good order. JOAN CORBETT, Mt. Sterling, Ky.

For Sale or Rent—Ten greenhouses, dwelling house and barn, in good order. Address JACOB PHILLIP, Touhy and Western Av., Chicago.

For Sale—Three steam radiators, each containing 350 feet of inch pipe in good condition. 5 feet long, 30 inches high, 15 inches wide. \$9.00 each. Cash. J. A. ERNSBERGER, Decatur, Ind.

For Sale—Greenhouses and land; a good opportunity for anyone wanting about 5,000 feet of glass; convenient, well located, city water. For full particulars address Box 842, Marion, Iowa.

For Sale—We have a number of 4 and 6-inch hot water gate valves in good condition, which we will sell at half price. Address THE GEO. WITTOOLD Co., 1657 Buckingham Place, Chicago.

For Sale or Rent—Between 25,000 and 30,000 feet of glass, well stocked and equipped, near Chicago, only responsible parties need apply; for further particulars, address GEO. HARRER, Morton Grove, Ill.

For Sale—A nine room dwelling, three greenhouses and cold frames, in university town of 6,000. Greenhouses well stocked; good trade. A death the cause of sale. For particulars address L. G. ROLLSTON, Fayetteville, Ark.

For Sale—One ten section cast iron boiler, "Dean" make, No. 373; either steam or hot water; been in use three years; is in good condition; rated to heat 14,000 square feet of glass. Cost \$600. Will sell for \$140 cash, f. o. b. H. B. WEAVER, Bird-in-Hand, Pa.

For Sale—Plant of 10,000 feet of glass, size 16x24-inches, between Buffalo and Niagara Falls, partly only two years old; \$2,750.00 for land and greenhouses, including \$200.00 worth of pots, etc.; at least \$500.00 cash. J. PULT ESTATE, North Tonawanda, N. Y.

For Sale—A good florist business in a western city of 60,000 can be purchased at a great sacrifice. Well established trade and prospects for future bright. Is worth \$1,700, but will dispose of business for \$700 cash. Ill health cause of disposition of business. Box 217, care American Florist.

For Rent—At Frederick, Md., greenhouses 18x63, 12x102, 20x162, boiler room 18x90 equipped with a No. 8 Furman boiler, and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure, labor cheap, city water; no stock on hand. Rent \$300 per annum, half payable in advance every six months. Ill health of owner compelled retirement from successful business; principally vegetables under glass and mushroom for Washington and New York. HENRY TRAIL, Frederick, Md.

For Sale or Lease—With privilege of buying, \$2,000 or \$3,000 down, or security for rent and stock. The Butler Nursery in Chillicothe, Ohio; all retail trade, which is good for miles around city. Two houses, 17x75; one house, 11x85; one house, 23x54; two houses, 17x54; two houses, 11x54; two houses, 12x54. Whole cost \$12,000.00 (and all in center of city; Good trade.) Frames heated; one lean-to, 100 feet; all built within four years; cypress wood; Furman boiler; gas for fuel. Will easily make \$100.00 per week sales the year around. Houses planted to good stock; roses, carnations, 'mums. Plenty of stock on place. No repairs needed. Splendid office and pottery sheds. Wagons and horse go with it. Immediate possession. Investigation solicited. Rent for \$55.00 per month, including cottage, with gas, water and electric light all over the place, four telephones, ten call bells, system complete, and splendid chance for party with little money. Will sell for \$8,000.00 on time, or lease for \$55.00 per month, one year rent in advance, and security for rent and stock to be left at end of five years. All floral designs, ribbons, pots, stock, teams, wagons, etc., go with the place to responsible party that means business. Apply to WALTER BUTLER, Chillicothe, Ohio.

FOR SALE.

A RARE BARGAIN if sold before Sept. 1st. 5,000 feet of glass, erected in 1903; all modern and fully stocked. City of 10,000, with good shipping territory. Last year's business, \$3,300.00. Trade has increased 25 per cent each year for past three years. Seven years' lease on land. Can be bought for two-thirds the amount of the original investment. Cash. Address P. O. Box 765, Nebraska City, Neb.

NOTICE.

Notice is hereby given that the partnership heretofore subsisting between Geo. F. Hofmeister and Albert Theo. Lorch, under the firm name of A. T. Lorch & Co., was dissolved on the 30th day of June, 1905. All debts due said partnership are to be paid to, and those due from the same discharged by Albert Theo. Lorch, who will continue the business of raising, growing, buying and selling flowers and plants at DeHaven, Allegheny County, Pa., under the name of A. T. Lorch & Co. GEORGE F. HOFMEISTER, ALBERT THEO. LORCH.

A BIG SNAP.

FOR SALE—The entire stock of plants in five greenhouses, consisting of chrysanthemums, carnations, asters, geraniums, ferns, etc., and the lease of the place for a number of years at a ridiculously low price. Will give possession at once. Close to the best car line in one of the best cities in the United States. Speak quick, as this low price will not last long, as I have other business and cannot wait. Address Box 372, care American Florist.

NOTICE

—OF—

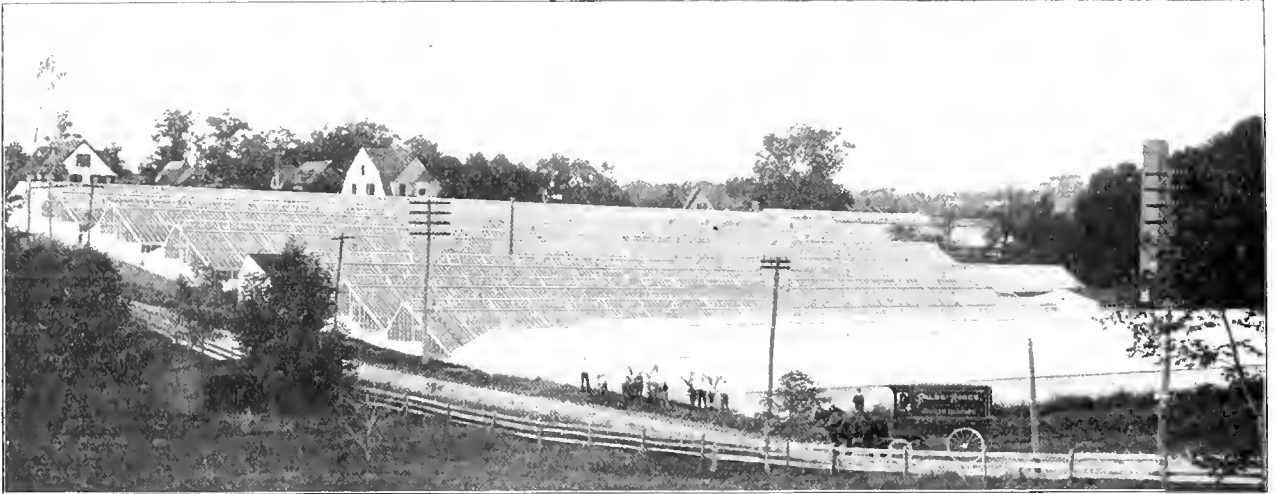
STOCKHOLDERS' MEETING.

CHICAGO, July 8, 1905.

Stockholders of the American Florist Company:

You are hereby notified that the annual meeting of the Stockholders of the American Florist Company will be held in the Ebbitt House, Washington, D. C., Wednesday, August 16, 1905, at 3 o'clock P. M., for the purpose of electing directors and officers for the ensuing term, and for the transaction of such other business as may come before the meeting.

J. C. VAUGHAN, Pres.
M. BARKER, Sec'y.**AMERICAN
FLORIST
ADS**Always do business
Week days and every day
Sundays and holidays
All over the country
At home and abroad



WHERE THE KENTIAS GROW AT WYNCOTE (Near Philadelphia), PA.

Kentias as Good as Can be Grown.

drawn stock so generally advertised. COME SEE THEM GROW and place your orders for fall delivery.

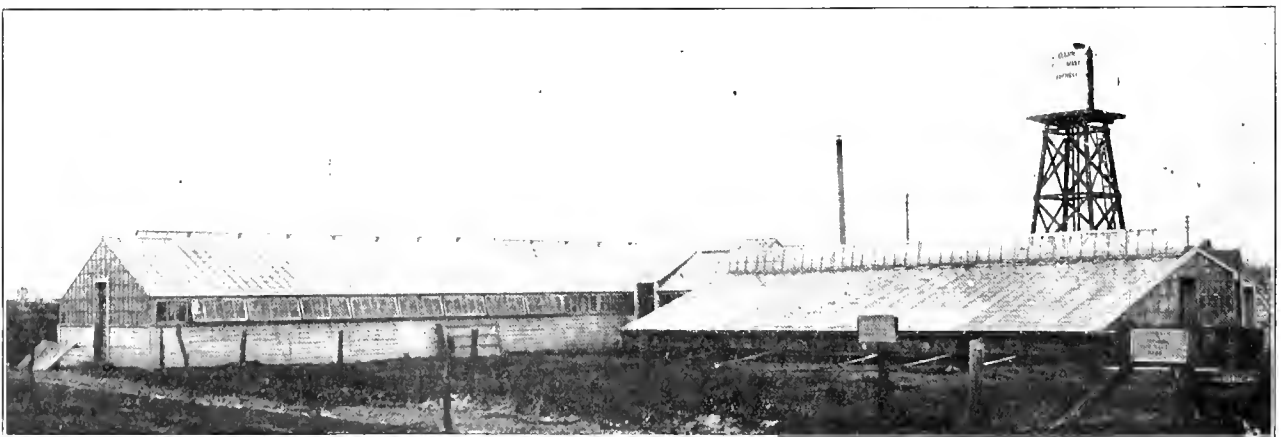
They are Clean, Vigorous and Stocky and while sold as low, are not to be confounded with the imported

KENTIA BELMOREANA.		Per doz.	Per 100
5-inch, 6 to 7 leaves, 18 to 20 inches high.....		\$6.00	\$50.00
5-inch, 6 to 7 leaves, 20 to 22 inches high.....		9.00	75.00
6-inch, 6 leaves, 22 to 26 inches high.....	each, \$1.00	12.00	
6-inch, 6 to 7 leaves, 26 to 28 inches high.....	each,	1.25	15.00
6-inch, 6 to 7 leaves, 30 to 32 inches high.....	each,	1.50	18.00
7-inch, 6 to 7 leaves, 34 to 36 inches high.....	each,	2.50	30.00
8-inch, 6 to 7 leaves, 36 to 40 inches high.....	each,	3.00	
9-inch, 6 to 7 leaves, 42 to 48 inches high.....	each,	5.00	

KENTIA FORSTERIANA. Made Up Plants.		Each.
7-inch pot, 4 plants in pot, 32 inches high.....		\$ 2.00
8-inch pot, 4 plants in pot, 36 inches high.....		2.50
8 inch pot, 4 plants in pot, 42 inches high, heavy.....		3.50
10-inch pot, 4 plants in pot, 48 to 54 inches high, heavy.....		5.00
10-inch pot, 4 plants in pot, 60 inches high.....		6.50
12-inch tub, 4 plants in tub, 5 to 6 feet high, heavy.....		12.50
12-inch tub, 4 plants in tub, 6 to 7 feet high, heavy.....		15.00

JOSEPH HEACOCK,

Wyncote, Pa.



FOR SALE.

The Alameda Greenhouses, Roswell, N. M.

A good florists' business in a western city of 8,000. Well established trade and prospects for future bright; 300 miles from any other greenhouse. 9-room dwelling, barn, artesian well; hydraulic ram pumps water to two large tanks; 5,000 feet of glass; water heat; 9 lots, 50x160 each. Have a good catalogue business. Will sell for \$12,000 cash. Don't write unless you mean business.

MRS. J. P. CHURCH, Roswell, New Mexico.

WE ARE Shipping Specialists.

Our Living depends on the shipping business because that is our only business. This means that our business depends on your business. The more you do, the more we shall do with you, and the better flowers we give you and the better service we give you, the more business you will give us.

Weiland & Risch,

Wholesale Growers and Shippers of Cut Flowers.

59 Wabash Ave.,

Phone Central 879.

CHICAGO.

THE KERVAN COMPANY,
WHOLESALE DEALERS,
All Decorating Evergreens, Galax,
Leucothoe, Mosses, Etc.
20 W. 27th Street, NEW YORK.
TELEPHONE 1519 MADISON SQ.

Please mention the American Florist when writing.

SOMETHING NEW.

Branches of the **Huckleberry Tree**—a most elegant decorative green. It is largely used by florists of the Pacific Coast, Washington and Oregon, in decorations. The branches are flat, very thickly furnished with exceedingly lustrous, green leaves, and it seems to adapt itself to almost any position in decoration that the Wild Smilax can be used in.
CALDWELL, the Woodsman, EVERGREEN, ALA.
New crop **Hardy Ferns**, now ready. Fancy, \$1.25 per 1000; Dagger, \$1.00 per 1000.

Please mention the American Florist when writing.

THE ART OF

Floral.....

Arrangement.

The first special newspaper in the world for floral arrangement.

250 ILLUSTRATIONS ANNUALLY.

Specimen number free.
Subscription, \$2.40 yearly.

BINDEKUNST-VERLAG,
J. Olberitz, ERFURT, GERMANY.

Please mention the American Florist when writing.



Hardy Cut Ferns

Fancy or Dagger, 50c per 1000.
Sphagnum Moss, 50c per bbl.
Laurel Roping, well put together, \$4.00 per 100 yards.

All orders by mail or despatch or telephone promptly attended to.

THOMAS COLLINS,
Hinsdale, Mass.

Please mention the American Florist when writing.

CORK BARK

For Window Boxes. Flat or Cylindrical.

BIRCH BARK in large sheets.

CLARE & SCHARRATH, 50 Michigan Ave., CHICAGO.

Mrs. Prepared Palms and Artificial Flowers.



FANCY or DAGGER

Ferns

New Crop, No. 1 Stock
Only 75c per 1000.

FINE QUALITY **LAUREL BLOSSOMS**, Very Fine Pink Shades, 50c per large bundle.

GALAX, Brilliant Bronze or Green, 75c per 1000.

Use our **Laurel Festooning** for your July Decorations. It gives the best satisfaction of any decorative green at this time of the year. Sample lot on application. We make it daily, gathered fresh from the woods. Hand made, full sizes, 4c, 5c and 6c per yard. Once used, always used. **Branch Laurel**, 35c per large bundle. **Princess Pine**, by the pound or made into festooning when desired.

CROWL FERN CO., Millington, Mass.

Telegraph Office, NEW SALEM, MASS. Long Distance Telephone Connection.

HARDY CUT DAGGER AND FANCY FERNS.



We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our specialties are **DAGGER**, \$1.00 and **FANCY FERNS**, All quality, \$1.00 per 1000. Discount on large orders. **BRILLIANT BRONZE** and **GREEN GALAX**, \$1.00 per 1000. **Laurel Festooning**, good and full, handmade 5c and 6c per yd. **Green and Sphagnum Moss**, \$1.00 per bbl. **Sphagnum Moss**, 50c per bag; 5 bags, \$2.00. **Ivy Leaves**, \$4.00 per 1000. **Sprenger**, 25c and 50c per bunch. **Asparagus Plumosus**, 50c per bunch or string. **Leucothoe Sprays**, \$1.00 per 100; \$7.50 per 1000.



We also carry a full line of Florists' Supplies such as Tin Foil, Cut Wire, Corrugated Boxes, all sizes, Folding Boxes, Ribbons, all sizes and colors, All Kinds of Letters, Wire Designs, Cycas Leaves, Etc., Etc. Our stock is of the best quality and at the most reasonable rates. Please write for our pricelist. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

HENRY M. ROBINSON & CO., L. D. Phone 2618 Main. 8 and 11 Province St., Boston, Mass.

THE HORTICULTURAL TRADE JOURNAL.

The largest, brightest, and best advertising medium for the Horticultural Trade in Great Britain, published weekly. Also

THE INTERNATIONAL HORTICULTURAL TRADE JOURNAL.

Published quarterly. Both mailed post free for one year for One Dollar.

—PUBLISHERS:—

THE HORTICULTURAL PRINTING COMPANY,
BURNLEY, ENGLAND.

N. Lecakes & Co.

53 W. 28th St., New York.

Tel. No. 1214
Madison Square



Stands at Cut
Flower Exchange
Cogan Bldg., W.
28th Street & 34th
Street Cut Flower



Market. Specialties: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

Green and Bronze Galax Leaves, \$1.00 per 1000.

Always mention the.....

American Florist

when you write to an advertiser.

Cincinnati.

TRADE INCREASES.

Trade has fallen off considerably the past week, which, of course, can be expected, and from now on all we can look forward to is a little funeral work. The talk among the craft is vacation and how and where to spend it. The meeting of the Society of American Florists at Washington is also receiving some attention. Would it not be a good idea for the florists of the different cities, west and south of us, who contemplate going, to arrange their tickets via Cincinnati? Delegations from Louisville, Indianapolis, St. Louis, and as far south as New Orleans, could meet in our city and take one of the routes from here to Washington. If the Chicago boys, with President Vaughan, would join us there would be enough to make up a special train, which could be called the "President's Special."

FLORISTS' OUTING.

The florists annual outing at Coney Island, on July 13, from present indications, will be a great success and everything for the event is progressing nicely. Charley McCrea will have charge of the baseball games, which assures us this part of the programme will be all right. William Gardner will look after the ladies' bowling contest. There will be a men's bowling contest, also running races, quoit pitching and dancing from 3 until 10:30 p. m. A good time is in store for all who attend.

NOTES.

Peter Weiland has sold a one-half interest in his business to Peter Olinger, of Aurora, Ill. Mr. Olinger will assume charge of the store in this city, while Mr. Weiland can devote all his time to the greenhouses at New Castle, Ind. This was a very wise move on Mr. Weiland's part, who, having added considerable glass to his plant since spring, can now look after his interests at the greenhouses to better advantage. William Gardner will remain at the store and look after the selling and Mr. Olinger will assume charge of the books.

At the meeting of the Cincinnati Florists' Society, July 8, the only business transacted was election of officers for the ensuing year, as follows: William Murphy, president; C. J. Ohmer, secretary; D. Rusconi, treasurer. This is the third time Mr. Murphy has been chosen president, and, expressing it mildly, it is not saying too much, that he has been the best and most successful president the society has ever had.

Fred Lautenschlager, of the Kroeschell Brothers' Company, Chicago, was in the city the past week on a very sad errand. He buried his father July 7, and we take this method of extending our sympathy.

Frank Benson and Bob Ruttle left for Buffalo July 9 to attend the Elks' reunion. A. O.

Greenhouse Heating.

ED. AMERICAN FLORIST:—

What horsepower boiler will it take to heat 40,000 square feet of glass with steam? The temperature rarely falls down to zero. G. S. BOREN.

The temperature desired is not stated, but supposing it to average 60 degrees it will be well to have a boiler that will be rated at seventy-five horsepower. Considering the danger of loss in case of an accident, when there is only one

HOLTON & HUNKEL CO.,
Wholesale Cut Flowers
 462 Milwaukee Street, MILWAUKEE, WIS.

Wholesale Flower Markets

MILWAUKEE, July 12.

Roses, Beauty, per doz.	1.00@ 4.00
" Liberty	3.00@ 8.00
" Chatenay	2.00@ 5.00
" Bride, Bridesmaid	2.00@ 5.00
" Meteor, Golden Gate	2.00@ 5.00
" Perle	4.00@ 6.00
Carnations	1.00@ 2.00
Smilax	12.50@15.00
Asparagus sprays	3.00@ 3.00
" Sprengerii	2.00@ 3.00
Valley	3.00@ 4.00
Adiantum	1.00
Longiflorum lilies	10.00@12.00
Harrish	8.00@10.00
Gladioli	4.00@ 6.00
Peonies	4.00@ 5.00
Sweet Peas	.30@ .50

PITTSBURG, July 12.

Roses, Beauty, specials	20.00@25.00
" extras	15.00@18.00
" " No. 1	8.00@12.00
" " ordinary	2.00@ 5.00
" Bride, Bridesmaid	1.00@ 5.00
" Meteor	6.00@ 8.00
" Liberties	6.00@15.00
" Perle, Chatenay	2.00@ 6.00
Carnations	.75@ 2.00
Lily of the valley	3.00@ 4.00
Smilax	12.00@15.00
Asparagus, strings	25.00@50.00
Asparagus Sprengerii	20.00@30.00
Lilies	12.00@15.00
Adiantum	.75@ 1.25
Sweet peas	.20@ .75

CINCINNATI, July 12.

Roses, Beauty, per doz.	1.00@ 4.00
" Bride, Bridesmaid	3.00@ 6.00
" Liberty	4.00@ 8.00
" Meteor, Golden Gate	4.00@ 8.00
" Perle	1.00@ 3.00
Carnations	1.00@ 2.00
Lily of the valley	3.00@ 4.00
Asparagus	50.00
Smilax	12.50@15.00
Adiantum	1.00@ 1.50
Asparagus Plumosus and Sprengerii in bunches	.35c per bunch
Harrish	12.50
Marguerites	.25
Sweet peas	.25
Gladiolus	3.00

ST. LOUIS, July 12.

Roses, Beauty, long stem	1.50@ 2.00
" " medium stem	1.00@ 1.50
" " short stem	.35@ .75
" Bride, Bridesmaid	3.00@ 5.00
" Liberty	3.00@ 6.00
Carnations	1.00@ 2.00
Smilax	10.00@12.50
Asparagus Sprengerii	1.00@ 2.00
" Plumosus	25.00@50.00
Adiantum	1.00
Fancy ferns	1.75
Gladiolus	4.00@ 5.00
Ismenes	3.00
Asters	1.00@ 2.00
Tuberoses	5.00@ 8.00

CLEVELAND, July 12.

Roses, Beauty, per doz.	50@ 3.00
" Bride, Bridesmaid	2.00@ 6.00
" Meteor	4.00@10.00
Carnations	1.00@ 2.00
Smilax	20.00
Asparagus, strings	25.00@50.00
" Sprengerii	1.00@ 2.00
Common ferns	1.50@ 2.50
Sweet peas	.25

boiler, it will often be cheaper to put in two boilers rated at fifty to sixty horsepower each. One of these will answer in ordinary weather. L. R. T.

GREENSBURG, IND.—William Konzelman, of Marion, has accepted a position with Clark & Bentledge.

WATERLOO, IA.—Paul Goebel, who is the owner of greenhouses at Wabash, Ind., and Grand Rapids, Mich., was for three years gardener to Emperor William, of Germany, at Potsdam and Berlin.

—BUY YOUR—
Cut Flowers, Florists' Supplies,
WIRE DESIGNS at
THE FLOWER GROWERS' MARKET,
 60 Wabash Ave., CHICAGO
Please mention the American Florist when writing.

Michigan Cut Flower Exchange,
WM. DILGER, Mgr.
 Fancy Ferns \$1.00 per 1000.
 Discount on regular shipments.

38-40 Miami Ave. DETROIT, MICH.
Please mention the American Florist when writing.

J. B. Braidwood,
WHOLESALE FLORIST,
 and RETAIL
COLORADO SPRINGS, COL.
 All Orders Given Prompt Attention.
Please mention the American Florist when writing.

AMERICAN BEAUTIES.
 Cut Roses—American Beautiee and all kinds of Tea Roses at lowest prices. Trial orders solicited.

HELLER BROS., New Castle, Ind.
 South Park Floral Company
Please mention the American Florist when writing

—FANCY—
GARNATIONS and ROSES
 Pittsburg's Largest and Oldest Wholesalers.

PITTSBURG CUT FLOWER CO., Ltd.
 604 Liberty Ave., PITTSBURG, PA.
Please mention the American Florist when writing.

—THE—
AMERICAN FLORIST CO.'S
..Directory

FOR 1905
Hundreds of New Names
and Addresses.

AND contains the usual fully corrected and revised lists of Florists, Seedsmen, Nurserymen, Horticulturists, Landscape Architects, Parks, Cemeteries, Botanical Gardens, Horticultural Societies, Horticultural Supply Concerns of the United States and Canada, Leading Foreign Houses and much other valuable trade information. Price \$2 postpaid.

AMERICAN FLORIST CO.
 324 DEARBORN STREET,
 CHICAGO, ILL.

E. H. Hunt,
WHOLESALE
Cut Flowers
"THE OLD RELIABLE,"
 76 Wabash Ave., CHICAGO.
 Please mention the American Florist when writing.

A
Daily Cut
 from
40 to 60 Growers
ROSES, CARNATIONS,
ORCHIDS, Sweet Peas, Valley, Greens, Etc.
 Inside market quotations. Catalogue free. Most complete line of Florists' Supplies in the West.
E. F. WINTERSON CO.
 Established 1894.
 45-49 Wabash Ave., CHICAGO.



PETER REINBERG
 51 Wabash Ave., CHICAGO.
Wholesale Cut Flowers
LARGEST GROWER
IN THE WORLD.
Price List.
AMERICAN BEAUTIES— Per doz.
 Extra Select..... \$ 4 00
 30-inch stems..... 3.00
 24-inch stems..... 2.50
 20-inch stems..... 2.00
 15-inch stems..... 1.50
 12-inch stems..... 1.25
 Short stems \$.75 to 1.00
 Per 100
LIBERTY..... \$5.00 to 10.00
CHATENAY..... 3.00 to 8.00
MAIDS AND BRIDES..... 3.00 to 6.00
UNCLE JOHN..... 3.00 to 6.00
CARNATIONS..... 1.00 to 1.50
 All flowers are perfectly fresh and properly packed.
 No charge for P. & D. on orders over \$5.00.

J. A. BUDLONG
 37-39 Randolph Street, CHICAGO.
Wholesale CUT FLOWERS
 Roses and Carnations
 A Specialty.....
WHOLESALE GROWER OF

E. C. AMLING
THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.
 32, 34, 36 RANDOLPH ST.,
CHICAGO.
 L. D. 'Phones Central 1978 and 1977.
 Please mention the American Florist when writing.

Vaughan & Sperry,
Wholesale Florists,
 58 and 60 Wabash Ave., CHICAGO.
 WRITE FOR SPECIAL PRICES.
 Please mention the American Florist when writing.

Zech & Mann
Wholesale Florists
 Room 218, 51 Wabash Ave., CHICAGO.
 Telephone, Central 3284.

WIETOR BROS.
 Wholesale Growers of **Cut Flowers**
 All telegraph and telephone orders given prompt attention.
 51 Wabash Ave., CHICAGO.

D. WOOD BRANT,
 SUCCESSOR TO BRANT & NOE FLORAL CO.
 —Grower of—
CUT FLOWERS AT WHOLESALE.
 Maids and Brides, 8-in. pots, \$3.50 per 100.
 Direct Shipments from Greenhouses.
 W. Peterson and N. 48th Aves., CHICAGO.
 Please mention the American Florist when writing.

Wholesale Flower Markets
 CHICAGO, July 12.

Roses, Beauty, 30 to 36-in. stems	3 00@ 4 00
" " 20 to 24 "	2 00@ 2 50
" " 15 to 18 "	1 25@ 2 00
" " 12 "	.75@ 1 00
" Liberty.....	3 00@ 8 00
" Chatenay.....	3 00@ 6 00
" Bride, Bridesmaid.....	3 00@ 6 00
" Golden Gate.....	3 00@ 6 00
" Gen'l MacArthur.....	4 00@ 10 00
Carnations.....	1 00@ 2 00
Valley.....	3 00@ 4 00
Asparagus Plumosus, per string 25 to 50c	
" " sprays 2 00@ 3 00	
" Sprenger.....	2 00@ 3 00
Galax Leaves, Bronze, per 1000.	\$1.50 .20
Adiantum.....	.75@ 1 00
Fancy ferns..... per 1000	1.00@ 1 50
Smilax.....	10 00@ 12 50
Sweet Peas.....	.25@ .50
Daisies.....	.75@ 1 50
Asters.....	1 00@ 1 50
Candidum lilies.....	.40@ 1 00
" " stalks.....	15 00
Auratum lilies..... per doz.	\$1.50
Gladiolus..... per doz.	.35@ .75

Chas. W. McKellar
WHOLESALE FLORIST,
51 Wabash Ave., CHICAGO.
ORCHIDS A SPECIALTY.
 Fancy Valley, Roses, Carnations, and a full line of all Cut Flowers, Greens and Florists' Supplies.
 Please mention the American Florist when writing.

Bassett & Washburn
 76 & 78 Wabash Ave., CHICAGO.
 Wholesale Dealers and
 Growers of **Cut Flowers**
GREENHOUSES: HINSDALE, ILL.
 Please mention the American Florist when writing.

Circulation
which
Circulates
 The actual paid circulation of the American Florist is, we believe, the largest in its class. The contents are of real present value and are preserved for reference. Advertisers who use regularly our columns establish permanent business with the best trade in the United States.

Poehlmann Bros. Co.
 Wholesale Growers of
 and
 Dealers in **Cut Flowers**
 All telegraph and telephone orders given prompt attention.
 Greenhouses: Morton Grove, Ill. 35-37 Randolph Street, CHICAGO.
 Please mention the American Florist when writing.

J. B. DEAMUD
Wholesale Florist,
 51 Wabash Ave., CHICAGO.
 Long Distance Phone, Central 3155.

THE BENTHEY-COATSWORTH CO.
WHOLESALE FLORISTS
 35 RANDOLPH ST. CHICAGO.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

AGENTS FOR THE EVERLASTING GREENHOUSE TILE BENCH.

52 and 54 High Street, CLEVELAND, OHIO.

Please mention the American Florist when writing.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS In Season. FANCY and DAGGER FERNS. FLORISTS' SUPPLIES all kinds.

Long Distance Telephone, 6268-6267 Main.

CUT STRINGS OF

Asparagus Plumosus Nanus

First-class stock, running even and full, 50c each.

W. H. ELLIOTT, - - Brighton, Mass.

—THE—
J. M. McCullough's Sons Co.

WHOLESALE FLORISTS

ALSO SUCCESSORS TO
THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

318 WALNUT ST. CINCINNATI, O.

Please mention the American Florist when writing.

H. G. BERNING

Wholesale Florist

1402 Pine St., ST. LOUIS, MO.

C. A. KUEHN,

Wholesale Florist,

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

Wholesale Flower Markets

BOSTON, July 12.

Roses, Beauty, heat	12.00@20.00
" " medium	6.00@ 8.00
" " culls	1.00@ 2.00
" Bride, Bridesmaid	2.00@ 4.00
" Extra	6.00@ 8.00
" Liberty	1.00@ 8.00
Carnations	.75@ 1.50
" Paucy	1.00@ 2.00
Lily of the valley	1.00@ 1.50
Smilax	12.00@16.00
Adiantum	1.00
Asparagus	35.00@50.00

PHILADELPHIA, July 12

Roses, Tea	3.00@ 4.00
" " extra	6.00@ 8.00
" Liberty	4.00@12.00
Queen of Edgely, extra	15.00@25.00
" " frats	10.00@12.00
" Beauty, extra	15.00@25.00
" " frats	10.00@12.00
Carnations	1.50@ 3.00
Lily of the valley	3.00@ 4.00
Asparagus	25.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Easter lilies	6.00@ 8.00
Sweet peas	1.10@ .25
Lilium auratum	1.10@ .15

BUFFALO, July 12.

Roses, Beauty	4.00@25.00
" " Bride, Bridesmaid, Meteor.	2.00@ 7.00
Carnations	1.00@ 2.00
Lily of the valley	3.00@ 4.00
Asparagus, strings	40.00@50.00
Smilax	12.00@15.00
Adiantum	.75@ 1.50
Sweet peas	.15@ .30

PLEASE mention the AMERICAN FLORIST every time you write to an advertiser.

Pittsburg Florists' Exchange,

WHOLESALE FLORISTS and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.

Send for weekly price list and prices on large orders.

Please mention the American Florist when writing.

J. B. MURDOCH & CO.

WHOLESALE FLORISTS, FLORISTS' SUPPLIES.

545 Liberty Ave., PITTSBURG, PA.

Please mention the American Florist when writing.

RICE BROTHERS,

128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers Billed at Market Prices.

Shippers of choice Cut Flowers and Greens of all kinds. Try us.

GEO. H. ANGERMUELLER

Wholesale Florist

Cut Flowers and Florists' Supplies. CONSIGNMENTS SOLICITED.

1324 Pine Street, St. Louis, Mo.

Beauties and Valley } THE LEO NIESSEN CO.

1217 Arch St., PHILADELPHIA, PA.

On and after July 1st Store will be open from 7 a. m. to 6 p. m.

Please mention the American Florist when writing.

KENNICOTT BROS. COMPANY

40-42-44 Randolph St., CHICAGO.

Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.

Please mention the American Florist when writing.

Carnations, Kaiserins and Sweet Peas.

Store closes at 8:00 p. m. until September 16th. Saturdays at 1:00 p. m.

The Philadelphia Cut Flower Co.

1516 and 1518 Sansom Street,

PHILADELPHIA, PA.

THE RELIABLE Commission House,
Jos. S. Fenrich

Bell Telephone, ³²⁴/₃₂₅ Madison Square.

48 W. 30th Street, NEW YORK.

YOUNG & NUGENT

42 West 28th Street, Telephone 2065, Madison Sq. Wholesale Florists.

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

J. K. ALLEN,

Wholesale Commission Florist,

106 West 28th Street, NEW YORK.

Roses, Orchids, Carnations, and Every Variety of CUT FLOWERS.
ADIANTUM CROWEANUM REGULARLY.

Tel. 187 Madison Square.

Open every day at 8 a. m.

Telephone No. 756 Madison Square.



MOORE, HENTZ & NASH

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NEW YORK, July 12.

Roses, Beauty, best.....	10.00@15.00
" " medium.....	3.00@10.00
" " culla.....	1.00@ 2.00
" Liberty, best.....	3.00@10.00
" " culla.....	1.00@ 2.00
" Bride, Bridesmaid, G. Gate.....	.50@ 4.00
" Kaiserin, Carnot.....	1.50@ 8.00
Carnations.....	.50
" fancy and novelties.....	2.00
Lily of the valley.....	50@ 5.00
Lilies.....	2.00@ 2.00
Smilax.....	8.00@10.00
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Wholesale and Retail Dealers in all kinds of

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Fancy and Dagger Ferns, Brooze and Green Galax. Phone 1202 Mad. Sq.

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CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices.

SAN FRANCISCO.
TELEPHONE MAIN 1023.
SIEVERS & BOLAND,
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83 Post Street, SAN FRANCISCO, CAL.
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FLORISTS,
241 Massachusetts Ave., INDIANAPOLIS, IND.
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Fred. C. Weber,
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Established 1873. Bell, Lindell 678.
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C. C. Pollworth Co.
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Will take proper care of your orders in
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A. Gude & Bro.
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Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.
Artistic Designs. *✻ ✻ ✻*
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.
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A Retail Trade Suggestion.
A sign like this in a retailer's window will attract orders for flowers to be delivered at distant points and on steamers.

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P. J. HAUSWIRTH
Auditorium Annex,
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Mail, telegraph or telephone orders filled promptly in best style.
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Orders will be well cared for anywhere in Minnesota and the Dakotas.
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Cut Flowers, Floral Designs, Decorations.
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41 Peachtree Street, ATLANTA, GEORGIA

SPECIALS

Long Beauties.....\$25.00 per 100
 Fancy Roses..... 5.00 per 100
 Candidum Lilies..... 3.00 per 100
 Auratums..... 12.50 per 100

DURING JULY AND AUGUST

The best stock will be the cheapest stock to buy. We can give it to you in **ROSES and CARNATIONS, LILIES, Etc.** Extra care in selecting and packing has made our summer business larger.

OUR STORE CLOSSES AT 5 P. M., DURING JULY AND AUGUST.

A. L. Randall Company,

19 Randolph St., CHICAGO.

Please mention the American Florist when writing.

Araucaria Excelsa

OUR SPECIALTY.



Fill your empty houses now, and make 100 per cent on your money while you are asleep.

Notice.—When you undertake anything, do it well or not at all. This is our motto, adopted ten years ago, when we imported the first lot of this well known pot plant, the Araucaria Excelsa, from Belgium. These everlasting green foliage pot plants are

growing more in favor by the tasteful plant buyers of the land from year to year. Please watch the growth of our importations during the last ten years: First year, 100; second, 250; third, 500; fourth, 1,000; fifth, 2,000. Now this year, 1905, is our **tenth anniversary** since we began importing them, and they have grown up to 5,000, this spring's importation.

All these are grown for me under contract by an Araucaria specialist in Belgium. I must say, for the benefit of my customers, that they were never before so nice and large for the money as this year.

I herewith quote you special low prices on them for cash:

10 to 12 ins. high, 2 years old, 3 tiers.....\$.50
 12 to 14 ins. high, 2 years old, 3 to 4 tiers..... .60
 14 to 16 ins. high, 3 years old, 3 to 4 tiers..... .75
 18 to 20 ins. high, 3 years old, 4 to 5 tiers..... 1.00

Araucaria Compacta Robusta, unusually large, very beautiful, four sizes, \$1.25 \$1.50, \$1.75 and \$2.00; **Glaucna**, \$1.00, \$1.25 and \$1.50, each.

Kentia Forsteriana, 30 to 36 inches high, 4-yr. old, \$1.00; 4-year old, 25 to 30 inches high, 75c.

Belmoreana, 4-year old, 25 to 30 inches high, \$1.00 each. Above is the size entered in the Philadelphia custom house. Made up plants, one large one in center and three smaller ones around, 7-inch pots, \$1.50 to \$1.75 each.

Ficus Elastica, 4-in., 25c; 5 to 5½-in., .30 to \$.40

Adiantum Cuneatum, Maidenhair fern, 4-in., very strong, .12

Asparagus Plumosus Nanus, 2-in., strong, 5.00 per 100

Cocos Weddelliana, 3-in. (doz. or 100)..... .15

Areca Lutescens, 5½ to 6-in. pots, 25 to 30 inches high, blue each \$.40 to .50

Boston Ferns, 5-in., 30c, 35c and 40c each.

Cash with order, please. All goods must travel at purchaser's risk. Mention if pots wanted.

GODFREY ASCHMANN,

Importer and Wholesale Grower of Pot Plants.

1012 Ontario St., PHILADELPHIA, PA.

ROSES! ROSES!!

Kaiserin in 2 and 3-inch rose pots.
Wootton in 2 and 3 inch rose pots.
Perles in 2-inch rose pots.
La Detroit in 2 and 3 inch rose pots.
 As we have 1 as other varieties.

SPECIAL—Uncle John and Chatenay.
 Order a 100 o each for trial.

GEO. A. KUHL, Pekin, Ill.

Always mention the American Florist when you order stock.

ROSES

For immediate removal we offer a limited number of good, clean, healthy plants at extremely low prices as we are in need of the space they occupy.

As a leader we offer **UNCLE JOHN** the improved Golden Gate in 3½-inch pots, at \$25.00 per 1000; 2-inch, \$15.00 per 1000. This rose both in color and shape is far superior to the old Golden Gate.

	Per 100	Per 1000	Per 100	Per 1000
UNCLE JOHN , 3½-inch....	\$3 00	\$25.00		
" " 2-inch.....	2 00	15.00		
BRIDESMAID , 2-inch.....			\$2.50	\$20.00
AM. BEAUTY , (bench plants)			3.50	25.00

Carnations 100,000 FIELD-GROWN. Our plants being large we are prepared to book orders now for early shipment and shall have the following varieties to offer:

LAWSON , pink,	FLAMINGO ,	TRIUMPH ,
BOSTON MARKET ,	HARRY FENN ,	MRS. INE ,
NELSON FISHER ,	ROOSEVELT ,	FLORA HILL ,
CRUSADER ,	MRS. NELSON ,	GUARDIAN ANGEL .

We have had several out of town florists looking over our field of carnations and they not only pronounce them the furthest advanced, but also say they are the best lot of carnations they have seen this season.

We shall begin making deliveries the latter part of July at which time our stock will be in the best possible shape to ship. Prices furnished upon application, also when writing state when stock is wanted, we guarantee all stock to be in A1 condition.

J. A. BUDLONG, 37-39 Randolph Street, CHICAGO.

Please mention the American Florist when writing.

Poehlmann Bros. Company,

Commercial Growers, Morton Grove, Ill.

Roses.

	2½-in.	3½-in.
	Per 100	Per 1000
American Beauty.....	\$5 00	\$45.00
Chatenay.....	4.00	30.00
Uncle John.....	4.50	40.00
Bride.....	4.00	35.00
Perle.....		5.00
Sunrise.....	4.00	35.00
Bridesmaid.....	4.00	35.00
Golden Gate.....	3.50	30.00

Stevia.

Rooted cuttings, per 100.....\$ 1.50
 Rooted cuttings, per 1000..... 12.50
 2½-in., per 100..... 2.50
 2½-in., per 1000..... 22.50

Orders for less than \$2.00 not accepted.

Headquarters for Finest Cut Roses, Carnations and Other Cut Flowers.

Poehlmann Bros. Co., Morton Grove, Ill.

Please mention the American Florist when writing.

ROSES. ROSES.

Clearance Prices. Choice Plants.

Brides Maids, Meteora, 3-in.....	\$3.50	\$35.00
Golden Gates, Herucsa, Superb.....	4.00	37.00
Brides Meteora, H rmosa, 2½-in.....	2.25	20.00

Exceptional value at these low rates. Order soon. It will not stay with us long at such prices.

FIELD CARNATIONS READY. Lawson, Joost, Norway, Prosperity, Crane and Armazindy, at \$5.00 per 100. **W. H. GULLETT & SONS, Lincoln, Ill.**

Please mention the American Florist when writing.

ROSES and 'MUMS

500 Wm. Duckham; 500 Ben Wells, from field plants, are branched 3, 4 and 6-inches high, \$4.00 per 100; \$35.00 per 1000. 2,000 own root roses Brides, Maids and Gates, from 2½-inch pots strong and healthy plants, \$4.00 per 100; \$35.00 per 1000. Cash with order please.

R. ENGELMANN & SON, Pittsfield, Mass.

Please mention the American Florist when writing.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

W. H. Grenell, Pierrepont Manor, N. Y.,
Pres.; L. L. May, St. Paul, Minn., First
Vice-Pres.; C. E. Kendell, Cleveland, O.,
Sec'y and Treas. Twenty-fourth annual
convention at San Jose, Cal., 1906.

ONION SETS in the vicinity of Chicago are suffering from the rain.

JAMES VICK is advertising a Mexican mining proposition from Philadelphia.

WINNIPEG, MAN.—William Rennie, of Toronto, Ont., now has a branch store here.

THE Albert Dickinson Company, of Chicago, now has a branch store at Duluth, Minn.

VISITED NEW YORK: Henry G. Windheim, of the Nebraska Seed Company, Omaha, Neb.

VISITED CHICAGO: Ben P. Corneli, of the Schisler-Corneli Seed Company, of St. Louis, Mo.

A. T. FERRELL & COMPANY, of Saginaw, Mich., manufacturers of the Clipper bean and seed cleaners, have purchased the Giant bean picker, including all patents.

BLUE SPRINGS, NEB.—George T. Dungan, a traveling man for the Griswold Seed Company, of Lincoln, was killed June 29, his automobile running off a culvert near this place.

PHILADELPHIA, PA.—Moore & Simon, seedsmen, will on August 1 move their store from the present location at 207 Market street to 339 Market street, where their quarters will be larger and more convenient.

SAN ANTONIO, TEX.—Walter Schumann, a florist located here since 1893, went to Mexico from Germany in 1888. While traveling in that country he claims to have secured the first seed of *Mina lobata* that was disseminated in Europe and sold 5 kilos of this seed for 5,000 marks.

SANTA CLARA, CAL.—One of our correspondents writes as follows July 8: "We are having one of the hottest periods of weather ever known in this vicinity and crops of all kinds are burnt. The sweet pea crop, instead of being a very large one, as it promised to be a week ago, will probably be very short, and onions will probably be much shorter than we expected a few weeks ago."

A Cucumber Seed Suit.

Evidence in a \$15,000 suit involving the question of a seed merchant's liability under an implied guaranty was taken by deposition in Judge Honore's court, Chicago, July 12, and submitted to the judge for a decision which will prove of great interest to seed merchants and growers when it is rendered. The suit is brought by F. H. Swett & Company, pickle brokers, of Chicago, who have a pickling plant at 1025 West Con-

gress street, against Philip A. Marsh, seed merchant at 32 River street, Chicago, who sold the firm last March 400 pounds of cucumber seed supposed to be of the Chicago Pickling variety. This was distributed by Swett & Company to their contract growers in Wisconsin. Twenty thousand bushels of the cucumbers were contracted for and when delivered were paid for at the rate of 50 cents a bushel. But the product of the seed was not the Chicago Pickling variety of cucumber.

As they had contracted, they allege, for the sale of these pickles at \$1.25 a bushel, and as the pickles made from the cucumbers delivered by their growers are valued by experts at about one-half that price, Swett & Company have brought suit for their losses. The only thing in the shape of a contract offered in evidence was the order for the 400 pounds of seed, stating that it should be of the Chicago Pickling variety, and the invoice, sent by Marsh, stating that the seed of that variety had been shipped. Marsh made no attempt to deny that the seed was not as represented, but took refuge in a general denial of liability. Interested with his attorneys in the defense were the lawyers of P. Hohenadel, of Janesville, Wis., the grower who sold Marsh the seed. It is understood that should judgment be given against Marsh he will seek to recover from Hohenadel, on the ground that the seed was sold to him as being of the Chicago Pickling variety.

F. H. Swett was the first witness in the case. He told of the purchase of the seed, declaring that Marsh knew his business, what he wanted the seed for and what loss would result to him if the seed was not of the variety ordered. He said the Chicago Pickling cucumber was long and smooth while that produced by the seed sold him by Marsh was short and rough. Mr. Marsh took the stand and admitted that the seed he delivered was not of the required variety, but said he had not been aware of that until he himself had grown some of it in Chicago. F. A. Waidner, a pickle broker of Chicago, testified that the pickles produced from the cucumbers raised were below standard and without fixed market value. L. W. Hathaway, also a pickle broker, testified to the same and estimated the value of the pickles as one-half that of standard. Reinhold Lange and several other farmers testified to growing the cucumbers from the wrong seed.

Swett & Company claim they spent \$12,000 in their venture, which was made a losing one by the mistake in seed. They paid \$400 for the 400 pounds and sold it for \$1.50 per pound.

Canadian Seed Growers' Association.

The second annual convention of the Canadian Seed Growers' Association was held at Ottawa, June 27 to 29. At the first session held in the afternoon of June 27, the reports of the board of directors, of Secretary Clark, and the district superintendents were read. Each reported very satisfactory progress and growth in all parts of the dominion. It was recommended that local associations be formed in places where a number of members were in the same township or county, and that local superintendents be appointed in order to assist the district superintendents in their work. Other plans for furthering the interests and development of the association were discussed. A nominating committee was appointed to report later.

In the evening Prof. James W. Robertson, president of the association, gave an address. "Seeds and Weeds," said Prof. Robertson, "are the most important factors in farming." He widely described

the evil results of the prevalence of weeds and the use of poor seed. When we free ourselves entirely from weeds and reach the ultimate development of seed improvement, we shall have reached the millennium.

Hon. Sydney A. Fisher, Minister of Agriculture, gave an interesting address on the value of the work of the Canadian Seed Growers' Association. He stated that while the association would no longer be directly under the control of the department, it would still have substantial financial support from the government and that personally he would always have the best interests of the association at heart.

Dr. William Saunders, director of the Central Experimental Farm, gave an interesting and instructive paper on "The Introduction and Breeding of Superior Varieties of Field Crops and the Distribution of Seed Thus Obtained." In this paper Dr. Saunders dealt with the work of the experimental farm in crossing for the purpose of producing hardy and early maturing varieties of wheat and other grains, and of apples, plums and other fruits. He outlined the method by which the crossing of the wheat was accomplished. The result of this work has been to produce strains of the cereal that are from a week to ten days earlier than the earliest varieties formerly in use.

On Wednesday morning, Seed Commissioner G. H. Clark, who has been secretary of the association during the past year, gave a paper on the "Scope of the Work for the Canadian Seed Growers' Association." Mr. Clark explained the system of keeping of records of the history of seed produced by the members, and the issuing of certificates of registration for approved seed that has been graded up for a period of three or more years. He also showed that it must be an important work of the association to educate the farmers to the importance of good seed and to teach uniform methods of selection.

"The Action of Certain Smut Preventives on the Vitality of Seed" was the subject of a paper by Prof. F. T. Shutt, of the Central Experimental Farm.

In the afternoon Prof. L. S. Klinek gave a very interesting paper on "Corn Breeding in the Corn Belt," and outlined the methods used there.

Dr. H. J. Webber, the well-known authority on plant breeding, from Washington, D. C., gave an address on "Pedigree or Grade Breeding of Plants," and in the evening he gave an illustrated address on the "Science of Plant Breeding."

On Thursday morning the convention visited the Central Experimental Farm, where they were shown around and entertained by Drs. Saunders and Fletcher and Prof. Grisdale. Here, also, Prof. Grisdale gave a very practical and instructive paper on "Some Common Principles Which Underlie Improvement in Animals and Plants."

On Thursday afternoon S. E. Briggs, of the firm of Steele, Briggs & Company, Toronto, contributed an excellent article on the "Seedsmen and the Canadian Seed Growers' Association." Mr. Briggs advised the seed growers to dispose of their seed through the regular seedsmen and that a regular fixed price be set on the different grades of seed.

William Thompson, of London, and W. L. Smith and J. W. Wheaton, of Toronto, discussed the methods of giving publicity to the proceedings and achievements of the association.

The following are the officers for the ensuing year: Prof. James W. Robertson, president; Prof. C. A. Zavitz, Guelph, Ont., G. A. Gigault, Quebec, and John Mooney, Valley River, Man., vice-presidents; L. H. Newman, Ottawa, Ont., secretary-treasurer.

Detroit.

FLORISTS' CLUB OUTING.

Following closely upon the Toledo outing was that of the annual outing of the Detroit Florists' Club to Bois Blanc Island, which took place July 6, and was participated in by about forty florists with their families and friends. Taking the boat Columbia at 8:30 a. m., an hour and a half ride on the Detroit river brought the party to the popular resort where annually a most pleasant day is spent by the Detroit florists. The entertainment committee for the occasion, Walter Taepke and Norman Sulli-

3,700 ACRES OF GARDEN SEEDS
IN CULTIVATION.

Braslan Seed Growers Co.
Wholesale Seed Growers.

SAN JOSE, CALIFORNIA.

van, had prepared a programme of events, including dancing, that engaged the constant attention of all until the time the return trip was made at 7 p. m. The results of the various games were as follows:

High jump.—Will Flowerday, first; John Carey, Jr., second; Norman Sullivan, third.

Ladies' race.—Augusta Hansen, first; Jennie Watson, second.

Broad jump.—John Carey, Jr., first; Thomas Browne, second; Will Flowerday, third.

Girls' race.—Edith Carey, first; Mary Carey, second.

Boys' race.—A. Ferguson, Jr., first; Sidney Beard, second.

Mens' race.—John Carey, Jr., first; Will Flowerday, second.

Shot put.—Thomas Browne, first; Norman Sullivan, second.

Quoits.—John Carey, Sr., first; Edwin Beard, second; Frank Holzagle, third; special, first prize, Edwin Beard; second, J. F. Sullivan.

The donors of the various prizes were William Hielscher, Michigan Cut Flower Exchange, John Toepel, Frank Holzagle, Edwin S. Beard, Robert Watson, Boydell Brothers, William Brown, Fowler Candy Company, E. A. Scribner, J. F. Dunnebek & Company, John Dunn, B. Schroeter, J. A. Briscoe, Andrew Ferguson, Philip Breitmeyer and J. F. Sullivan. The outing was favored with a most beautiful day devoid of excessive heat, which feature added much to the enjoyment of the occasion.

FLORISTS' CLUB MEETING.

The club meeting, July 5, brought out a good attendance. Much of the time was spent in making final preparations for the outing next day. The approaching time of the convention at Washington was the subject of much consideration, it being developed that quite a large party will be made up from here. Efforts are being made to have the contingents from interior Michigan towns join here and proceed probably via Buffalo where the party from there will be joined. A picked team of bowlers from here will enter the national contest at Washington. The frequency of their practice games recently is indicative of their determination to bring back some of the trophies.

NOTES.

George W. Davis, the Lincoln avenue florist, who disappeared from home over a year ago, is now back again and industriously applying himself to his former business. During his absence much of his time was spent in Cuba.

Fred Panke, Grosse Pointe, Mich., will soon erect a house 31 x 230 feet, using 12 x 12 D. S. glass. It will be planted with carnations of which he has a fine stock in the field, among them many promising seedlings.

The new Breitmeyer building on Miami avenue is progressing rapidly, the steel work now reaching the sixth floor. The street is being repaired and five feet on each side added to its width.

J. F. S.

DORCHESTER, MASS.—William H. Sullivan has purchased from Fred McQuesten the greenhouses and land formerly known as the Norton Brothers property.

H. N. Bruns
VALLEY Finest Cold Storage Pips.
 1409-1411 West Madison Street,
 CHICAGO, ILL.

MUSHROOM SPAWN.



Frequent importations from England. Always fresh and lively.

J. J. STYER, Concordville, Pa.



Mushroom Spawn Fresh Importation. FERTILE. PRODUCTIVE.

English in bricks, per 100 lbs., \$6.00 f. o. b. New York; \$6.50 f. o. b. Chicago. Write for prices on quantity

PANSY

HOLMES' MAMMOTH EXHIBITION STRAIN.

Positively Unsurpassed in Size and Markings.

New crop seed in any quantity.

Special Price for trial package (1000 seeds) 75c; Trade packet (2,000 seeds) \$1.25. Write for special wholesale prices on larger quantities. Satisfaction guaranteed or money refunded. Send your list of Fall Bulbs for special quotations.

Holmes Seed Co. **SEED**
 HARRISBURG, PA.

TOOLE'S PREMIUM

American Pansy Seeds

NOW READY. Sow in July and August for winter flowers or cold frame plants. The most complete list of varieties and mixtures grown by anyone in America described in our catalogue, which is sent with "How to Grow Pansies"

Free to any address. Extra choice, mixed, 10c per pkt.; 1/2 oz., 50c; 1/4 oz., 75c; per oz., \$2.75. Selected, mixed, 15c per pkt.; 1/2 oz., 70c; 1/4 oz., \$1.20; per oz., \$4.00. Hesperian mixture, 25c. per pkt. Trade pkts., containing triple quantity, double price. Write to

WILLIAM TOOLE, Pansy Specialist,
 Pansy Heights, Baraboo, Wisconsin.

Please mention the American Florist when writing.

Bulbs and Plants.

AUGUST ROLKER & SONS, 31 Barclay St., NEW YORK, P. O. Box 752.

Please mention the American Florist when writing.

WHEN BUYING MUSHROOM SPAWN Buy the Best You Can Get

We Grow Mushrooms. We are headquarters for "PURE CULTURE" SPAWN and importers of ENGLISH MUSHROOM SPAWN. Write us and we will send you free of charge valuable information on the subject. Fresh Supply of Spawn Every Month.

KNUD GUNDESTROP & CO., MUSHROOM SPECIALISTS,
 4273 Milwaukee Ave., CHICAGO.

Please mention the American Florist when writing.

LEONARD SEED CO.

ONION SETS. Our plantings for the new crop are now completed.

We take orders now for delivery this fall or next spring.

Write for Prices.

Flower Seeds and Bulbs

Wholesale Seed Growers.

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now. Beans, Peas and Garden Seeds. WRITE FOR PRICES.

TURNIP SEED. TIME TO BUY NOW. Get Our Prices.

CO. CHICAGO

Please mention the American Florist when writing.

Zirngiebel Giant Pansies.

Market and Fancy Strains.

New crop seed of those well-known, unrivalled Pansies ready now, in trade packages, at \$1.00 each, either strain.

DENYS ZIRNGIEBEL, Needham, Mass.

Pansy Seed New Crop.

The Jennings Strain of finest American grown Pansy Seed now ready. Saved from finest selected stock. Large flowering and fancy colors in great variety. By mail, 1 oz., \$5.00; 3 oz., \$12.00; 1 pkg., 3000 seeds, \$1.00; 1 lb. prices on application. Plants ready in September. Cash with order.

E. B. JENNINGS, Lock Box 254, SOUTHPORT, CONN.
 BROWER OF THE FINEST PANSIES.

PANSIES

SWEET SCENTED LARGE SPOTTED GIANTS

A new giant-flowered race, most brilliant colors, flowers up to 2 1/2 inches in diameter, best for beds and cut flower work. 1000 seeds, 25c; 1/2 oz., 75c; 3/4 oz., \$6.00.

WIEGELT'S GIANT-FLOWERED ELITE MIXTURE

Composed only of Giant Trimardeau, Cassier, Bugoot and Germania. 1000 seeds, 20c; 1/2 oz., 50c; 3/4 oz., \$3.75

For \$1.00 we will send 10 packets of our largest giant-flowering sorts free to the U. S. for trial. Terms: Cash with order. Catalogues free on request.

WEIGELT & CO.,

Specialty Seed Growers, Erfurt, Germany.

A Trial Order Will Be Sufficient to Make You a Permanent Customer.

For florists' use, spring or fall delivery. We import to order. Let us appraise your wants.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

Emory Albertson, Bridgeport, Ind., Pres.;
Orlando Harrison, Berlin, Md., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirty-first annual convention, Dallas,
Tex., 1906.

THE twenty-ninth biennial meeting of the American Pomological Society will be held at Kansas City, Mo., August 8-10. The railroads give the usual concessions. Western roads, however, promise complimentary excursions through the fruit sections.

The Lilac.

The illustration herewith shows *Syringa Emodi* in full bloom in June. This species is from the Himalayan mountains and is a very vigorous shrub, flowering freely. There is a variegated form which is very attractive with its blend of green and pale yellow. Most trees and shrubs of variegated foliage



Syringa Emodi.

burn badly in the west. For instance, I once secured a variegated catalpa and planted it under the one hundredth meridian. It burst into growth all right but the sun burned the delicate leaves. After this the tree adjusted itself to its new surroundings by producing leaves entirely pale green. The variegated form of *S. Emodi* retains its color, the variegation being of course, more pronounced in the spring than when the temperature runs up to nearly 100°. Yet it does well and makes a beautiful specimen.

There are now 150 kinds of lilacs and the number is increasing. *S. oblata* from China, with its great heart-shaped leaves of varnished green, in favorable seasons blooms earlier than the common varieties. Then comes a succession down to about July 1. The whole family presents such a rich variety of form and foliage that even if they bore no flowers they would be valuable, but added to these attractions is the splendor of bloom that puts them in the front rank.

S. villosa is from Japan and has purple flowers in great profusion about the

middle of June. It is a strong grower—half tree—and very attractive. Many of the white varieties are tardy or light in blooming, but *S. Rothomagensis alba* imported from France and only eighteen inches high, bloomed in two weeks from date of planting.

At the Nebraska experiment station, York, Neb., are thousands of lilacs in over fifty varieties and it is strange that they have been so long neglected.

"Why don't your lilacs bloom?" I am often asked. This year in this section there were no blooms on the old sorts. The late frosts killed them.

I have thousands of lilac seedlings under cultivation and hope to add some real attractions to this numerous family. York, Neb. C. S. HARRISON.

Milwaukee.

Trade, which has held up well until this week, has now taken a decided tumble, and in consequence there is a large quantity of stock left unsold at closing time. Carnations are coming in very good for this time of the year, but the demand is not equal to the supply except for the best stock, which is selling fairly well. Outdoor stock is not doing as well this year as in past seasons, no doubt due to the large quantities of carnations still on the market.

FLORISTS' CLUB MEETING.

A party of Chicago florists, including J. C. Vaughan, Ed. F. Winterson, P. J. Hauswirth, George Asmus and August Poehlmann, visited this city July 5 on the Florists' Club's monthly meeting night. Mr. Vaughan, in addressing the club, laid particular stress on the care of the surroundings of greenhouse establishments, as well as the interior appearances of flower stores. He contended that in order to place the flower business on a level with other vocations as a business proposition worthy of financial consideration the appearances of the places of business must be worthy of such consideration, instead of, as in many cases at the present time, having a slovenly appearance. He also made some further remarks about floriculture in the southwestern states, particularly in California. Messrs. Hauswirth, Winterson and Asmus entertained with timely remarks, as also did Mr. Poehlmann, who gave a short sketch of his business career, as well as some of the cultural methods used by him in his greenhouse plant at Morton Grove. The Florists' Club adopted the premium list as formulated by the committee and these lists will now be mailed to all intending exhibitors. The club offers \$570 in premiums, which, with the special premiums in view, will, no doubt, raise the total close to \$1,000. Refreshments were provided by the entertainment committee. The meeting was voted one of the best gatherings ever held by the club.

NOTES.

William Brauch, who has been conducting a greenhouse on North avenue, has torn same down and will now engage in some other business.

Mr. and Mrs. Davies, of M. A. McKenney & Company, have recently purchased a fine dwelling house on the upper east side.

Archie Dispeau, for twenty-five years at the Soldiers' Home, is now at the Middlemass greenhouses.

H. C. Kroezeberg has discontinued the flower stand on Wisconsin street.

V. H.

Cottage Gardens Co. Inc.

QUEENS, LONG ISLAND, N. Y.

SPECIALISTS:

PEONIES, CARNATIONS AND SPECIMEN NURSERY STOCK

Paeonias and Perennials

PAEONY MANUAL 30 cents; GOLD MINE IN FRONT YARD, \$1.00.

LEARN HOW TO IMPROVE YOUR PLACE.

C. S. HARRISON,
SELECT NURSERY - YORK, NEB.

Please mention the American Florist when writing.

EVERGREENS Large Assortment.

Specialties—White Pine, Hemlock and Large Evergreens. Spring List for details.

Andorra Nurseries,

Wm. Warner Harper, Prop. CHESTNUT HILL, PA.

Please mention the American Florist when writing.

D. & G. ROSES Are the Cheapest Because They Are the Best.

We carry in stock upwards of a thousand different varieties, consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of a American origin; stock from 2 1/2 and 4 and 5-inch pots. Send us your list of wants to-day. Ask for catalogue, free.

The Dingee & Conard Co., Rose Growers, WEST GROVE, PA.

Please mention the American Florist when writing.



Send to **THE MOON**
Company
For } Trees, Shrubs, Vines
Your } and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO.
Morrisville, Pa.

Please mention the American Florist when writing.

A FEW GOOD THINGS YOU NEED.

Roses for forcing and outdoor planting. Rhododendrons for forcing and outdoor planting. Clematis in leading varieties. Hydrangea P. C. in all sizes. Boxwood in different sizes. Azalea Mollis very cheap. Lilac for forcing and field-grown stock. Dutzia Graeflita, strong plants at a bargain, and other good things for Nurserymen and Florists; very reasonable prices. Wholesale catalogue mailed free upon application.

W. VAN KLEEF & SONS, Boskoo, Holland,
Wholesale Growers of Nursery Stock.

PEONIES 200 Choicest Varieties. Large Stock.

LILIES, Hardy Sorts, about 40,000 bulbs. GLADIOLI, in fine named and unnamed sorts. DAHLIAS, Richardias, Madeira Vines. SUGAR MAPLES, 6 inches to 10 feet. 100,000. CATALPA speciosa seedlings. BLACK LOCUST seedlings. List in season.

E. Y. TEAS, Centerville, Ind.

PEONIES.

Wholesale and retail catalogues ready for distribution. Sent free on application. All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.

PETERSON NURSERY,
503 W. Peterson Ave., CHICAGO.

PÆONIAS.

Per 100
White, generally called Queen Victoria.....\$ 9.00
Festiva Maxima..... 30.00
Fragrans, the bloom producer..... 6.00
For 1000 rates and other varieties, write

GILBERT H. WILD, Sarcoxie, Mo.

The Storrs & Harrison Co.

PAINESVILLE NURSERIES.
CATALOGUES AND PRICE LISTS
FREE ON APPLICATION.

PAINESVILLE, OHIO.

Please mention the American Florist when writing

CHOICE ROSE STOCK

From 2 1/2 and 3 1/2-inch pots.

Killarneys, Brides, Bridesmaids.

Write for prices.

JOHN YOUNG 51 West 28th St.
NEW YORK CITY.

Telephone, 4463 Madison.

Please mention the American Florist when writing

YOU CAN PLANT AT ANY TIME.

Hardy Roses from 4 and 5-in. pots, fine, strong, plants—Crimson and Yellow Rambler, Gen. Jac. Coquette des Blanches, Paul Neyron, Clothilde Scupert, etc., 15c. Large flowered Clematis, finest—purple, white, lavender, pink sorts, 4 and 5-inch, 18c; 1-year, from 3-in., 9c. Clematis paniculata, from 3 1/2-in. at 10c. Ampelopsis Veitchii, from 4-inch, 12c. Hardy Phlox, finest named, 4-inch, 10c. Golden Glow, 4-inch, 10c. Packing free for cash. **W. H. Salter, Rochester, N. Y.**

Please mention the American Florist when writing.

Baby Rambler

The Always in Bloom Rose. 2 1/2-in., \$2.50 per doz., \$15.00 per 100, \$125.00 per 1000; 3-in., \$3.50 per doz., \$25.00 per 100; 4-in., \$6.00 per doz.

THE CONARD & JONES CO., West Grove, Pa.

Please mention the American Florist when writing.

Jacs Smits, Ltd. NAARDEN.
(Holland.)

(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy, Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilies a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries. **NAARDEN-BUSSUM, near Ameterdam, is our R. R. Depot.**
Please mention the American Florist when writing.

A NEW POPPY

Princess Victoria Louise

Was awarded the gold medal at the International Exhibition at Dusseldorf, 1904, and a Certificate of Merit by the Horticulturists' Association of Germany. Splendid salmon colored cut and garden flower; strong, 3 year old plants (no outtings), each 48c direct from the grower, in larger quantities, 36c each.

EMIL FINGER, Hamburg, 21, Germany, HORTICULTURIST.

Am willing to place the agency for this novelty with a well-known firm, offering suitable terms.

Please mention the American Florist when writing.

TREES

Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collections in this country.

Gold Medal—Paris—Pan-American—St. Louis, 102 prizes New York State Fair, 1904.

Illustrated Descriptive Catalogue FREE on Request.

ELLWANGER & BARRY

Mt. Hope Nurseries, Rochester, N. Y.
Drawer 1044 V Established 65 Years.

Please mention the American Florist when writing.

60,000 GRAFTED ROSES For Forcing

EXTRA FINE HEALTHY PLANTS. FREE FROM MILDEW.

LIBERTY, 3 1/2-inch pots, per 100.....\$ 18.00

BRIDESMAIDS, GOLDEN GATES, KAISERINS, 3 1/2-inch pots, \$15.00 per 100; per 1000..... 145.00

20,000 OWN ROOT ROSES

Liberty, Sunrise, Testout, La France, Helen Gould, 3-in. pots, per 100.....\$9.00

Brides, Bridesmaids, Perles, Golden Gates, Kaiserins, 3-in. pots, per 100..... 7.00

CHRYSANTHEMUMS.

Timothy Eaton, Ivory, W. H. Lincoln, Wm. Simpson, and other standard varieties. Price, per 100, \$2.50; per 1000, \$20.00.

J. L. DILLON, Bloomsburg, Pa.

Please mention the American Florist when writing.

ROSES Chrysanthemums

BARGAIN PRICES WHILE THEY LAST.

This stock is very fine and in nice condition for planting. We need the room badly, therefore wish to dispose of same quickly. Will exchange part for 2-inch smilax. Per 1000.
17,000 Brides, 2 1/2-inch pots.....\$30 00
32,000 Maids, " "..... 20 00
5,000 Meteors, " "..... 20 00
2,000 American Beauties, 3-in. pots, very fine 70.00
2,000 Brides, 3 inch pots..... 30.00

250 at 1000 Rates.

2 1/2-inch Pots. Stock Very Fine.

G. Pacific,	Ivory,	H. Parr,
Maud Dean,	P. Rose,	J. K. Shaw,
Halliday,	Mrs. J. Jones,	
Josephine,	Nagoya,	Chadwick,
	\$4.00 per 100	
Chautauqua Gold. \$6.00 per 100.		
Dr. Urquhart, Wm. Duckham, \$8.00 per 100.		

LAKEVIEW ROSE GARDENS, JAMESTOWN, N. Y.

Please mention the American Florist when writing.

PAEONIAS.

We carried off the first prize for our exhibit of 100 blooms of **Festiva Maxima**, the grandest white Paeonia in existence.

We have a large stock of the true **Festiva Maxima** for September and October delivery; clumps average 3-7 eyes, at 10c per eye.

Write us for your wants in Paeonias. We carry the best cut flower sorts at reasonable prices.

VAUGHAN'S SEED STORE

84-86 Randolph St., CHICAGO.
14 Barclay St., NEW YORK.
Greenhouses and Nurseries, Western Springs, Ill.

Please mention the American Florist when writing.

C. R. HILLS, Grand Rapids, Mich.

La Detroit, extra fine stock, while they last, 3-in. at \$6 00 per 100.

Chatenay, Perle and Sunrise, 3-inch at \$5.00 per 100.

Smilax, nice bushy plants, fine growth, 2 1/2-inch, \$1.50 per 100; \$12.50 per 1000.

Christmas Peppers, 2 1/4-in., \$2.00 per 100; \$17 50 per 1000.

Primulas, about August 1, all varieties, 2 1/4-inch, \$2.00 per 100.

Aster Plants all sold—order earlier next year.
Stevia, nice, 2 1/4-inch, \$2.50 per 100.

If It Comes From HILL'S, It's All Right.

Please mention the American Florist when writing.

Hydrangea Otaksa.

Field-grown, fine plants, \$10.00, \$12.00, and \$15.00 per 100. A few extra fine pot-grown plants in 5 to 9-inch pots, 30c to 50c each. Order now for fall delivery. Cash with order or satisfactory references.

BAUR FLORAL CO., Erie, Pa.

4,000 ASPARAGUS PLUMOSUS

1 year old, bench grown, \$5.00 per 100; \$45.00 per 1000.

W. L. HUCKE, Belleville, Ill.

SHIPPING LABELS FOR

Cut Flowers

Printed in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Very attractive. Price per 500, \$2.85; per 1000, \$1 50. Send for samples.

ELECTRO OF THE LEAF, POSTPAID, \$1.25.

American Florist Co., CHICAGO.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kift, 1725 Chestnut St., Philadelphia, or to the American Florist Co., Chicago.

At Chicago.

The final games in the tournament to decide the personnel of the team to represent Chicago at the S. A. F. convention were rolled at at Bensingers alleys July 6, with the following scores:

Players.	1st.	2d.	3d.	4th.	T't'l.
Hauswirth	181	147	155	165	648
Asmus	167	148	108	183	606
Bergman	145	155	172	126	598
Pasternick	125	146	89	126	486
Stevens	169	181	195	163	708
Winterson	85	143	129	138	495
Kreitling	145	169	136	149	599
Degnan	124	131	151	125	531
Klunder	152	121	138	142	553
Balluff	173	121	172	168	634
Scott	94	178	85	101	458

Eleven of the contestants rolled the number of games required to qualify. The first five in the following list constitute the team:

Players.	Games Played.	Total Pins.	Av'ge.
Stevens	36	6508	180
Asmus	36	5797	161
Hauswirth	35	5535	158
Bergman	32	5022	156
Degnan	36	5498	152
Balluff	36	5482	152
Kreitling	36	5462	151
Scott	36	5184	144
Pasternick	32	4339	135
Klunder	36	4740	131
Winterson	36	4689	130

P. J. Hauswirth was chosen captain of the convention team.

A bowling match between the Regulars and the Scrubs will be rolled at Bensingers alleys July 18.

San Francisco.

STEADY MARKET.

Business still continues fairly good in this city, much better, in fact, than in the month of May. Comparing the present month with June, 1904, finds this year quite a margin in the lead. Carnations are still the best sellers for inside stock. Roses are getting poorer every day with the exception of American Beauty, which as a rule are of splendid quality. Gladiolus is to be had in any quantity; the same may be said of lilies. Many of our growers have planted heavily of *Lilium album* and *rubrum* and we may expect a full supply of those varieties. Sweet peas are a drug and of very inferior quality. They seem to run out quickly this season and all colors, with the exception of whites, have taken on that washed out color which unfits them for the market. This complaint is much more general than for several years past. Peonies are about over in this market. They averaged about \$4 per 100 for the season.

NOTES.

The concrete foundations for the new range of orchid houses of James B. Coryell have been completed and the contracts for the woodwork have been let. A large consignment of *Phalenopsis amabilis* and *Schilleriana* was received from the Philippines last week. They arrived in splendid condition. During a recent visit to the greenhouses of J. C. Siegfried, in Alameda, the writer saw a house of *Phalenopsis*

amabilis in bloom. It was a splendid sight and all the plants were in fine condition.

Miss Lacy supplied the market this season with some splendid peonies. There are a majority of our growers who have had little, if any, success with peonies, but Miss Lacy seems to have solved the difficulty, judging by the quality of blooms sent to this market.

John Cooke, of Berkeley, has commenced the planting of the four new greenhouses erected by him last fall. They will all be devoted to American Beauty, Bride and Bridesmaid roses. The new range makes a total of nine houses at this establishment.

Tony's store in the Emporium has been showing some splendid Enchantress the past week. This store will soon be under the same management as Cohen's Sutter street store, the proprietor having become a member of the Charles Cohen Company.

The meeting of the Wholesale Growers' Board of Trade, which was to have taken place this week has been postponed for a week, owing to the inability of the executive committee to complete final arrangements for organizing permanently.

A. B. Kretschmor, who has been with F. Pelicano & Company for several years, has resigned his position and departed for West Nyack, N. Y., where he will assume charge of his father's greenhouses.

Charles Strong, who is in charge of Lilly, Bogardus & Company's seed store, will be remembered as the genial manager of C. B. Strong & Company, of Sacramento, some few years ago.

The schedule of the fall chrysanthemum show of the Menlo Park Horticultural Society is out and copies may be obtained by applying to the secretary, James T. Lynch, at Menlo Park.

The severe north winds which have been prevalent in and around San Francisco during the past week have done much damage to the carnations in the field.

Charles Bagnall has resigned his place with Sealberger's and has left for Sacramento, where he will take charge of his father's seed business.

P. C. Meyer is taking a much needed vacation among the Sierra Nevada mountains. He expects to be absent about four weeks.

Hector MacLean, who is in charge of the greenhouses of James L. Flood, has taken unto himself a very charming bride.

It is said on good authority that one of our largest seed growers is to shortly open a large retail seed store in this city.

Sidney Clack, of Menlo Park, will leave shortly for his annual visit to the northwest, to be gone for a month.

NORMA.

St. Louis.

SUMMER DULLNESS.

The market the past week has been at a standstill, although good stock in either roses or carnations can be easily disposed of. Carnations of the top quality are up to 2 cents; fancy roses bring 5 cents. American Beauty are scarce. Some good gladioli are in and bring from 3 to 5 cents; tuberose are bringing 4 cents. Sweet peas are still coming in and bring from 25 to 30 cents per 100. White and lavender asters bring 1 to 1½ cents each.

NOTES.

The Alps Floral Company has been incorporated with a capital of \$1,500. The firm does business at the Tyrolean Alps, one of the attractions of the World's Fair. Young ladies in European costume sell the flowers.

The St. Louis Business Men's Association has appointed Otto G. Koenig chairman of the committee to confer with the park board regarding improvements in the various parks.

A statue of St. Louis is to be presented to the city by the Louisiana Purchase Company. It will be placed on Art hill in Forest park.

The florists' picnic will take place this month, the date not being definitely decided. It will probably be held at Breeze Lake, Ill.

The St. Louis Florists' Club will meet July 13 to discuss convention matters.

Julius Koenig, with H. G. Berning, is having a week's vacation.

FORT WAYNE, IND.—If the Bash system of disposing of garbage is adopted, it is probable that the present crematory building will be used as a greenhouse and storage house for flowers during the winter.



FICUS ELASTICA VAR. LAWNTENSIANA.—Moller's Gartner-Zeitung.

**MARIE LOUISE,
LADY CAMPBELL,
DORSETT, single,**
From 2-in. pots, at \$2.50 per 100,
\$20.00 per 1000.

CARNATION PLANTS, Field Grown.

	Per 100.	Per 1000
Lawson.....	\$5.00	\$45.00
Glacier.....	5.00	45.00
Estelle.....	5.00	45.00
Morning Glory.....	5.00	45.00
Enchantress.....	7.00	60.00

ELI CROSS, Grand Rapids, Mich.

10,000 STANDARD AND NEW
Chrysanthemums
in 3 and 4-inch pots.
3,000 ROSES.
Maids, MacArthur, Uncle John,
Ivory, Chateaux.
— Write us for Prices. —
THE GASSER COMPANY, Cleveland, O.

CHRYSANTHEMUMS
Planting Time At Hand.
BEST STANDARD VARIETIES IN STOCK.
Send List for Best Quotations.
NATHAN SMITH & SON,
Adrian, Mich.

Chrysanthemums.
New and Standard Varieties.
Fine plants, now ready. 2½-inch pots.
Write for List and Prices.
H. WEBER & SONS,
OAKLAND, MD.

CHRYSANTHEMUMS.
Charles H. Totty,
MADISON, N. J.

SPECIALTIES
ROSES, from 3-inch pots, In Best
CARNATIONS, for fall delivery, Varieties
CHRYSANTHEMUMS,
SMILAX, VIOLETS.
Prices Low. Send for List.
WOOD BROTHERS, Fishkill, N. Y.

CHRYSANTHEMUMS Young Plants,
2½-in. Pots.
Mrs. J. Jones, Mrs. Perrin, White and Pink
Ivory, Mrs. Robinson, White Bonaaffon, May-
flower, \$2.50 per 100; Golden Wedding, \$3.00 per 100.
Drecoena indivia, 5-inch, 20c each; 2 inch,
\$2.00 per 100.
Asparagus Sprengeri, 2-inch, \$2.00 per 100.
WM. B. SANDS, Lake Roland, Baltimore, Md.

Hannah Hobart
The Pride of California
The grand prize winner in competition with the latest and very best
products, east or west, for the last eight years.
Mr. John A. Balmer, of Clealum, Washington, after his visit to our nurseries in January
1902, wrote an article in the AMERICAN FLORIST, as follows: "The Hannah Hobart is really a
remarkable flower, never less than four inches, and frequently four and one-half inches across.
In color it is a shade deeper than Lawson, but the petal arrangement is quite different; in this
respect it most resembles the old Jubilee, but of course the color is different. I saw two large
houses of it at Sievers', and the sight is one long to be remembered, hundreds of blooms and not
a poor one in the lot, and everyone the exact counterpart of the other, oo burst calyxes, but
every flower supported on a 24-inch stem, and standing up like soldiers. There is certainly no
carnation of its color that can equal it."
The above is a truthful statement of facts by a very competent gentleman, and if needing
verification, the simple assertion that the flowers of this magnificent variety of Carnation have
been sold wholesale as high as \$1.50 a dozen, and none less than \$1.00 per dozen up to date,
should be enough to convince anybody of its intrinsic value.
The constant inquiry by everyone who has seen the plants in flower is: "When will the
Hannah Hobart be for sale?" This led us at last to the conclusion to distribute the same next
year, and we are ready to book orders from now on for delivery beginning Jan. 1, 1896. Send
your orders in early because they will be filled strictly in rotation.
Price: \$3.00 per 12; \$15.00 per 100; \$120.00 per 1000.
JOHN H. SIEVERS & CO.
1251 Chestnut Street, SAN FRANCISCO, CAL.

SCOTTII
The Most Graceful Nephrolepis Known
Retailers who have handled this fern are unani-
mous in proclaiming it the best Fern ever
introduced.
Consult any grower who has bought Scottii
and he will tell you that it is as far ahead of the
Boston as that variety is ahead of all other
introductions.
See my adv. on second cover page in American
Florist of Feb. 25th.
JOHN SCOTT, Keap Street Greenhouses,
BROOKLYN, N. Y.
BRANCH:
E. 45th St. and Rutland Road, Flatbush.
TELEPHONE, 1207 WILLIAMSBURG.
Please mention the American Florist when writing.

LUDVIG MOSBAEK,
ONARGA, ILL.
2¼-in.
50,000 Asparagus, Plumosus and Per 100
Sprengeri, 3-inch, \$5.00..... \$2.50
0,000 Smilax, 2¼-in., \$15.00 per 1000 2 00
5,000 Umbrella Plants, 4-in., \$6.00
per 100..... 2 50
5,000,000 Celery Plants, \$1.00 per
1000; transplanted, \$2.00 per 1000.
All Other Bedding and Vegetable
Plants. Price List Mailed Free.

If you want to get the want
you want to get, you want
to get your want ad into the
**AMERICAN
FLORIST**
Try it now.
Every advertisement represents
a genuine want. It pays
to answer them.

The Beautiful Pink Carnation
CANDACE
\$2.00 per doz.; \$12.00 per 100; \$100.00 per
1000. Dissemination 1906. Early com-
mercial.

INDIANAPOLIS FLOWER & PLANT CO., Indianapolis, Ind.
JOHN HARTJE.....
Please mention the American Florist when writing.

CARNATIONS
SPEAK QUICK.
2,000 fine strong Carnation Plants from flats
barbed off outside ready to plant. Queen
Louise, \$20.00 per 1000; Joost, \$15.00 per 1000;
Prosperity, \$2.00 per 100; 100 and over at 1000 rates.
Send for Lists. Cash or C. O. D.

BENJAMIN CONNELL, West Grove, Pa.
Please mention the American Florist when writing.

"THE CARDINAL,"
\$12.00.
Crisader, \$6.00; Patee, \$3.00; Red Lawson,
\$12.00; Flora Hill, \$5.00; White Lawson, \$5.00;
"Fluence," \$12.00 per 100.

CHICAGO CARNATION CO., Joliet, Ill.
Please mention the American Florist when writing.

CYCLAMEN
Splendens Giganteum Hybrids.
Finest strain in the world, in five true colors,
extra well grown plants, from 2½-inch pots, \$5.00
per 100, \$45.00 per 1000. Satisfaction guaranteed.
PAUL MADER, East Stroudsburg, Pa.
Please mention the American Florist when writing.

National Florists' Board of Trade,
Office: 56 Pine Street, New York.
Credit Reference Book. A subscription to our
Credit List will cost you \$10 a year, and it may
save you \$100 the first month. Special Reports.
We make a specialty of this part of our work.
Collections. We collect slow and doubtful ac-
counts. Why not go through your books at once
and send us all the claims that are in arrears?
Please mention the American Florist when writing.

Wm. P. Craig Importer and
Exporter.....
Plants, Bulbs and Seeds.
1305 Filbert Street PHILADELPHIA.

Louisville.

The past week, with the exception of the latter part, was a very dull one. Owing to the death of a prominent citizen, there was a noticeable demand for funeral goods. The weather has not been quite so warm the past few days, making it very desirable for stock. Roses can be obtained in good quantities; carnations sell well. Sweet peas unfortunately have left us, only a few being obtainable. The rain has shortened the supply considerably. The general run of outdoor stock is in good supply, but the demand is not great. Green goods are plentiful.

NOTES.

Charles W. Reimers has some of the largest field-grown carnations to be seen. He will soon begin benching them.

Nanz & Neuner had some very fine hydrangea plants on exhibition in their window.

J. E. Marrett has had a very good season in bedding plants.

The work on Schulz's new store is progressing rapidly. F. L. S.

Pittsburg.

JULY CONDITIONS.

The usual July conditions prevail, with a slight flurry in the business situation now and then. The extremely hot weather that we have been getting has taken the ambition out of us, and, with the sickly and unsatisfactory stock, and the absence of business, the prevailing desire of the retailers is to close up and go to the woods or seashore.

NOTES.

On July 6 little Eddie Redick, employed by J. B. Murdoch & Company, fell down the elevator shaft to the basement. His body was so badly crushed that he died in the Allegheny general hospital shortly after his arrival there. Eddie was a bright, sunny little fellow and his death was heard with regret.

The many friends of E. C. Ludwig and wife were glad to hear of their escape from injury in the hotel fire at Chagrin, O.

Chairman Blind, of the outing committee, states that every detail is arranged and that the outing will be a success in every way.

Blind Brothers have planted a house 25x150 feet with American Beauty roses. They have also installed a new refrigerator.

Some hot contests in the racing line July 12 are looked for, as the club contains a few sprinters.

Bill Potter, of the Pittsburg Cut Flower Company, has taken a vacation for two weeks.

Bill Clarke is getting rid of his surplus energy by pushing a lawn mower.

Patrick Maier is cutting some especially fine Kaiserin roses.

The fish in Lake Chautauqua are waiting for Phil Langhans.

E. L. M.

Toronto.

TRADE PICKS UP.

Business for the past week has picked up considerably, in fact, so much so as to compare favorably with the mid-winter business. Consequently stock, which was overabundant, is moving more freely, and although there was a large surplus in most lines, this at present is not so plentiful, though the cut

continues heavy each day. Warm weather and bright rays of the sun have shown a deteriorating effect upon roses, American Beauty, especially, having shown a more marked tendency than the other varieties. Victorias, we are pleased to note, seem to revel in the sunshine, this variety at present being especially fine in quality and considerably ahead of any of the tea roses. Carnations are getting smaller each day. Although Mrs. Lawson and Enchantress are fairly large, most of the other varieties are very small. Liliun auratum and longiflorum are still very plentiful. Gladioli are the latest addition, while candytuft and sweet peas are becoming very plentiful. Green goods have been very scarce recently.

The Toronto Horticultural Society gave a grand excursion to the experimental station at Guelph. The members who were fortunate enough to accompany the association enjoyed a very hospitable day at the hands of the association. The experimental grounds were carefully looked over and the different varieties and sections carefully noted. Lunch and refreshments were served.

Frank Duffert is the first in the market with asters, and the present cutting is very fair.

Charles Turp is at present cutting some very good Asparagus plumosus.

Visitors: W. J. Palmer, of Buffalo, N. Y.; Fred Hall and family, Montclair, Colo. H. G. D.

Los Angeles, Cal.

The Lamb Fruit Company has contracted for a large supply of violet blooms which it will send out to retail fruit dealers in many cities in California and Arizona whom that firm regularly supplies, believing that violets can be handled safely through this class of trade. The plan is not altogether experimental, the Lamb Fruit Company having tried same last season with satisfaction.

J. W. Wolfskill is just completing one new house 27x250 feet.

Tom Wright is also building one 25x150 feet.

SPRINGFIELD, MASS.—The greenhouses, stock and other property belonging to the estate of the late E. H. Howland have been sold to M. S. Donoghue, of St. Johnsbury, Vt., an experienced florist.

Violet Stock.

Finest obtainable; ready to plant now. Imperial and Marie Louise, 2½-inch pots, \$3.00 per 100; \$25.00 per 1000.

Crabb & Hunter, Grand Rapids, Mich.

Choice Roses

Bride, ¾-inch pots.....\$1.00
Ivory, ¾-inch pots..... 4.00
Bridesmaid, ¾-inch pots..... 4.00
All on their own roots. Best value ever offered. Order quick. Address

JNO. A. KEPNER, P. O. BOX 3 HARRISBURG, PA.

Rose Plants.

BRIDES, MAIDS, GOLDEN GATE, few IVORY, 2½-inch pots, to close them out, \$2.00 per hundred.

MARION FLORAL CO., Marion, Ind.

Red Sport.

The great Christmas "Hollyberry" red Carnation. Most profitable red ever introduced, and an easy doer; everybody can successfully grow it.

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

Please mention the American Florist when writing.

GERANIUMS \$10.00 and \$12.50 per 1000.

Three acres planted for stock; rooted cuttings in any quantity after September 1.

I will guarantee them to reach you in good growing condition, and would like to book your order now. Send for list.

ALBERT M. HERR, Lancaster, Pa.

Please mention the American Florist when writing.

JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
ROSES, PALMS,
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

Please mention the American Florist when writing.

BEGONIA

Gloire de Lorraine.

2-inch pots, fine stock, \$12.00 per 100.

TURNFORD HALL, 2-inch pots, \$15.00 per 100.

JULIUS ROEHRS CO., Rutherford, N. J.

Please mention the American Florist when writing.

BOSTON FERNS

PALMS, DRACAENAS, GERANIUMS, COLEUS, and general bedding stock in large quantities. Write for prices. Cash or satisfactory references.

L. H. Foster Estate, 45 King St., DORCHESTER, MASS

Please mention the American Florist when writing.

Asparagus Seedlings

From flats. Well grown and thrifty.
Plumosus Nanus.....\$10.00 per 1000
Sprengeri..... 8.00 per 1000
Large 3-inch Plumosus Nanus..... 25.00 per 1000
Cash with order, prepaid. Get our prices on large lots.

Yalaha Conservatories, YALAHUA, LAKE CO., Fla.

Please mention the American Florist when writing.

BOSTON FERNS

5-inch, from bench, \$3.00 per doz.; \$25.00 per 100. Larger sizes up to \$3.00 each. Write for complete price list.

THE GEO. WITTBOLD CO.

1657-1659 Buckingham Place, CHICAGO.

Please mention the American Florist when writing.

Palms and Asparagus

CHEAP.

Per 100
Latania Bor., 2-in. pot, seed leaves..\$ 3.00
" " 3-in. pot, 15-18 in., 3 chr. lvs... 12.00
" " 5-in. pot, 18-20 in., 3-4 chr. lvs. 15.00
" " 5-in. pot, 20-24 in., 4 chr. lvs. 20.00
Kentia Bel., 2½-in. pot, 6-8 in., 2-3 leaves.. 10.00
" " 3 -in. pot, 8-10 in., 3-4 leaves.. 12.50

SHERMAN NURSERY CO.,

CHARLES CITY, IA.

A FEW GOOD THINGS YOU WANT.

DRACAENA INDIVISA, 3, 4, 5-inch, \$5.00, \$10.00 and \$25.00 per 100.
ASPARAGUS PLUMOSUS, 3-inch \$5.00 per 100.
GERANIUMS, S. A. Nutt, Castellane, John Doyle, Perkins. Single and Double, Gen. Grant, La Favorite, Mme Sallerol, 2-in. pots, \$2.50 per 100; 3-in., \$5.00 per 100.
VINCA VARIEGATA, 2-inch, \$2.00 per 100.
REX BEGONIAS, nice plants, 2 and 2½-in., \$5.00 per 100.
BOSTON FERNS, 5-inch, 30c each.
 A nice lot of **MADE UP KENTIA PALMS**, in 8-in. and 9-in. pots, at \$3.00 to \$5.00 each. Splendid plants for decoration.

CASH WITH ORDER.

GEO. M. EMMANS, NEWTON, N. J.
 Please mention the American Florist when writing.

25,000 SMILAX 25,000

Strong young plants from 2¼-in. pots, ready for planting, \$1.25 per 100, \$12.00 per 1000. Cash.

The W. T. BUCKLEY CO.,
 SPRINGFIELD, ILL.

Please mention the American Florist when writing.

S. S. SKIDELSKY,
 824 No. 24th Street,
 PHILADELPHIA.

Correspondence Solicited.

Please mention the American Florist when writing.

Can Still Give You

Scarlet Sage, Fuchsias, Begonias, Rex and flowering varieties, Sweet Alyssum, Santolina, Coleus, Petunias, etc., for stock. Write

GEO. A. KUHL, Pekin, Ill.
 Please mention the American Florist when writing.

PRIMROSES

Sinensis, finest mixed, 2-in., \$2.00 per 100.
 Rooted 2-in. Cuttings, plants Per 100 Per 1000
Fuchsias, 5 kinds75 1.50
Roses, Ivory, Golden Gate 2.00
Mums, Silver Wedding Mrs. Weeks, etc., 2-inch, \$1.50 per 100.

Cash. Direct all orders plainly to

BYER BROS., Chambersburg, Pa.

Orchids!

Arrived in superb condition **Cattleya Schroederiae**, **C. Trianae**, **C. Cigae**, **C. Warnsri**, **C. Dowiana**. Write for prices.

Lager & Hurrell, SUMMIT, N. J.
 Orchid Growers and Importers.

Please mention the American Florist when writing.

ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the World.

SANDER, St. Albans, England.

Agent, **A. DIMMOCK, 31 Barclay St., NEW YORK CITY**

Please mention the American Florist when writing.

HINODE FLORIST CO. JAPANESE NOVELTIES...

TINY PLANTS, in 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100.

RHAPIS, 5 to 15 shoots, 50 cents each.

CASH WITH ORDER.

LARGEST GROWERS OF EASTER LILIES.
WOODSIDE, N. Y. and WHITSTONE, L. I., N. Y.



PALMS FLOWERS PLANTS FERNS

1657-1659 BUCKINGHAM PLACE CHICAGO.

Phone Lake View 557

Primroses Asparagus

CHINESE OBCONICA and FORBESII, July 10..... per 100, \$3.00
CINERARIA, ready September..... per 100, \$2.00

Plumosus Nanus, 2¼-in. pots...per 100, \$2.00
PANSY SEED, large flowering, July.....Oz. 4.00
 CASH or C. O. D.

JOS. H. CUNNINGHAM, Delaware, Ohio.

Seasonable Stock.

IN EASTER LILIES, HYDRANGEAS, GENISTAS, SPIRAEA GLADSTONE, RHODODENDRONS.

Palms, Ferns and Decorative Stock.

R. DREYER, WOODSIDE, L. I., N. Y.

Please mention the American Florist when writing.

NEPHROLEPIS PIERSONI

ELEGANTISSIMA

Grand stock—in all sizes. Very popular in New York and all the large cities.

Unprecedented Sale of Large Specimens.

A splendid investment to plant NOW for the fall trade. Prices from 75c each; \$9.00 per dozen; \$50.00 per 100, up to \$2.00 \$3.00, \$5.00, \$7.50 each. Satisfaction guaranteed.

F. R. PIERSON CO., Tarrytown, N. Y.

Please mention the American Florist when writing.

Poinsettias

July and August delivery, 2¼-inch, \$5.00 per 100; \$40.00 per 1000.

BENTZEN FLORAL CO. St. Louis, Mo.

Please mention the American Florist when writing.

AN EXTRA NICE LOT OF BOTH

Plumosus and Sprengeri

in 2, 3, 4, 5 and 6-in. Pots.

Let us know quantity you want and get our new list. Write **GEO. A. KUHL, Pekin, Ill.**

Please mention the American Florist when writing.

Asparagus Plumosus.

Nice stock from 2-in. pots, \$2.25 per 100; \$20.00 per 1000; not less than 500 at 1000 rates.

W. W. COLES, Kokomo, Ind.

Please mention the American Florist when writing.

ROSES

3-INCH POTS Per 100 Per 1000
American Beauty.....\$6.00 \$50.00
Kaiserin..... 5.00 45.00
Chatenay..... 4.00 35.00

2½-INCH POTS:
American Beauty.....\$ 5.00 \$ 40.00
Rosalind Orr English... 25.00 200.00
Perle von Godesberg... 5.00 40.00
La Detroit..... 6.00 50.00
Uncle John..... 3.00 25.00
Chatenay..... 3.00 25.00

AMERICAN BEAUTY BENCH PLANTS,
 \$5.00 per 100; \$40.00 per 1000.

ALL plants and rooted cuttings sold under the express condition that if not satisfactory they are to be returned immediately when money will be refunded.

PETER REINBERG,
 51 Wabash Ave., CHICAGO.

Please mention the American Florist when writing.

SMILAX.

In any quantity and the best quality, at \$1.50 per 100; \$12.50 per 1000.

Sprengeri.

50 000 ready to ship, all in excellent shape, and a bargain, at \$2.00 per 100; \$15.00 per 1000.

Robustus.

The best of all the Asparaguses, and just right to ship, at \$5.00 per 100; \$40.00 per 1000.

Plumosus.

A little small, but in good shape to go ahead, at \$2.50 per 100; \$20.00 per 1000.

Deflexus.

A promising new sort, and worth a trial, \$5.00 per 100.

ALBERT M. HERR
 LANCASTER, PA.

Please mention the American Florist when writing.

THOSE RED POTS

"STANDARDS"

FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,

HARRY BALSLEY, DETROIT, MICH.,
490 Howard St.,
Please mention the American Florist when writing.

Standard Flower... POTS

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....

W. H. ERNEST,

38th and M Streets. WASHINGTON, D. C.
Please mention the American Florist when writing.



GEO. KELLER & SON,
MANUFACTURERS OF
FLOWER POTS.
Before buying write for prices.
361-363 Herndon Street,
near Wrightwood Ave.,
CHICAGO, ILL.

Red Standard Flower Pots

Price list and samples on application.

Paducah Pottery,

J. A. BAUER, Proprietor.

PADUCAH, KENTUCKY.

Please mention the American Florist when writing.

Just a Minute

That's how long it takes to water or syringe a greenhouse with

THE WITTBOLD PATENT WATERING SYSTEM

It will pay you to investigate. Write for particulars to

LOUIS WITTBOLD, 1708 N. Halsted St. Chicago.

Please mention the American Florist when writing.

FOR SALE.

White Pine

Second-hand, 2x6; surfaced two sides; No. 1 quality. In quantities to suit, car lots or less, f. o. b. Minneapolis. Apply

The ALBERT DICKINSON CO.
Minneapolis, Minn.

Please mention the American Florist when writing.



"Eureka" Weed Killer.

Saves Weeding. Keeps Paths, etc., clear without disturbing or staining the gravel.

Soluble Powder, readily mixed and applied. Large Size Tin, enough for 100 square yards, 75 cts. each. Special prices to Cemeteries and buyers in large quantities. Full directions with each tin.

Vaughan's Seed Store,

CHICAGO: 84-86 Randolph St. NEW YORK: 14 Barclay St.

Please mention the American Florist when writing.

—WRITE—

A. F. Kohr

1521-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for strength and porosity combined are the best on the market
Please mention the American Florist when writing.

Kramer's Pot Hangers

For Sale By Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.

Please mention the American Florist when writing.

RED POTS

SAMPLE POT AND PRICE LIST ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.....

Please mention the American Florist when writing.

STANDARD FLOWER POTS!

Packed in small crates, easy to handle.

Price per crate		Price per crate	
1500 2-in., in crate, \$4.88		120 7-in., in crate, \$4.20	
1500 2 1/4 " " 5.25		20 8 " " 3.00	
1500 2 1/2 " " 6.00		HAND MADE.	
1000 3 " " 5.00		48 9-in., in crate, \$3.60	
800 3 1/2 " " 5.80		48 10 " " 4.80	
500 4 " " 4.50		24 11 " " 3.60	
320 5 " " 4.51		24 12 " " 4.80	
144 6 " " 3.16		12 14 " " 4.80	
		6 16 " " 4.50	

Seed pans, same price as pots. Send for price list Cylinders for Cut Flowers, Hanging Baskets, Lawn vases, etc. Ten per cent off for cash with order. Address

HILFINGER BROS., POTTERY, Fort Edward, N. Y. Or AUGUST ROLKER & Sone, New York Agents, 31 Barclay Street, New York City.

Please mention the American Florist when writing.

THE KELLER POTTERY COMPANY,

Manufacturers of **FLORISTS' RED STANDARD POTS.**

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.

Please mention the American Florist when writing.

Standard Flower Pots

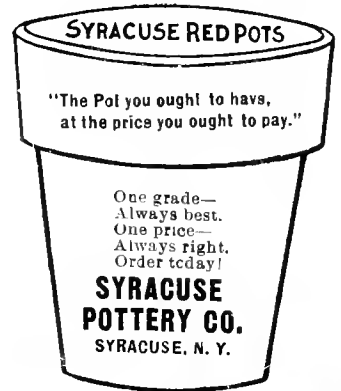
The WHILLDIN POTTERY COMPANY,
PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.



WE CAN FURNISH ANYTHING IN THE LINE OF

Cut Flower Boxes.

C. C. POLLWORTH CO., Milwaukee, Wis.



"The Pot you ought to have, at the price you ought to pay."

One grade—Always best. One price—Always right. Order today!

SYRACUSE POTTERY CO.
SYRACUSE, N. Y.

Please mention the American Florist when writing.

BACK AGAIN

HEWS POTS



"NOUGH SAID EH!
WELL HOW MANY THIS TRIP?"

A. H. HEWS & CO. INC.
CAMBRIDGE - MASS.

It is good business policyto mention the

American Florist

When you write to an advertiser.

FLORISTS' SPECIALS.....

"Kinkaid" Hocking
 Kanawha Splint
 Lower Vein Brazil Block
 Genuine Smokeless Pocahontas
 Sullivan County Indiana Lump

COAL

We are direct agents. Write for prices for immediate shipment or season's supply.

GLOBE COAL COMPANY, 1560-1570 Old Colony Building, ..CHICAGO.

CUT FLOWER BOXES

**WATERPROOF
 Corner Lock
 Style.**

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 100.0

Size No.	0.	3x 4x20	.....	\$2.00	\$19.00
"	1.	3x 4½x16	.....	1.90	17.50
"	2.	3x 6x18	.....	2.00	19.00
"	3.	4x 8x18	.....	2.50	23.00
"	4.	3x 5x24	.....	2.75	26.00
"	5.	4x 8x22	.....	3.00	28.50
"	6.	4x 8x28	.....	3.75	36.00
"	7.	6x16x20	.....	5.50	54.00
"	8.	3x 7x21	.....	3.00	28.50
"	9.	5x10x35	.....	6.50	62.00
"	10.	7x20x20	.....	9.50	67.50
"	11.	3½x5x30	.....	3.00	28.50

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,

Box 104. COLUMBUS, OHIO.
 Please mention the American Florist when writing.



WM. S. HARMAN,
 Chicago, Indianapolis.
 Producer, Jobber and Prompt Shipper of Bituminous Coal. Attractive prices on Alum Creek, Pocahontas Smokeless, W. Va. Splint, Brazil Block, Indiana Hocking Lump and other grades.

A. HERMANN,

☙ Cape Flowers, all colors.
 ☙ Cycas Leaves, Metal Designs,
 ☙ and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.

Wired Toothpicks

10,000, \$1.50; 50,000, \$6.25. Manufactured by
W. J. COWEE, BERLIN, N. Y.
 Sample free. For sale by dealers.

THE Regan Printing House

—Large runs of—

CATALOGUES

Our Specialty. Write for Figures.

83-91 Plymouth Place. CHICAGO.

L. BAUMANN & CO.,

Importers and Manufacturers of
Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue F. Our prices may interest you.

Tobacco Dust

FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET, NEW YORK.

ROSSIG BROTHERS,

—MANUFACTURERS OF—

Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway. NEW YORK.

Driven Here by Success. We've Moved to Our Own New Building, 1220 Race Street.

M. RICE & CO.

Leading Florists' Supply House. Ribbon Specialists.

Importers and Manufacturers, 1220 Race Street, Philadelphia, Pa.

The Standard

VENTILATING MACHINERY



The original machine with self-oiling cups. The most powerful, least complicated, very compact, with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only Drip Proof gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its working. Catalogue free.

E. HIPPARD, Youngstown, Ohio.

Please mention the American Florist when writing

The Florists' Hail Ass'n.

Now insures upwards of 21,000,000 square feet of Glass. For particulars address

John G. Esler, Sec'y.

SADDLE RIVER, N. J.

Please mention the American Florist when writing

—MODEL EXTENSION—

Carnation Supports

Galvanized Wire Rose Stakes, Tying Wires, Single & Double Pot Hangers.

WRITE US.

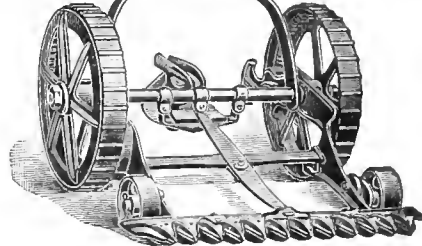
Igoe Bros, 226 North 9th St, BROOKLYN, N. Y.

Clipper Lawn Mower

Co. DIXON, ILL.

The Mower

that will Kill all the Weeds in Your Lawn. If you keep the weeds cut so they do not go to seed and cut your grass without breaking the small feeders of roots, the grass will become thick and the weeds will disappear.



The Clipper will do it. Ask your dealer for them. If they have not got them, below is the price: No. 1—12-in. Mower, \$5; No. 2—15-in. Mower, \$8; No. 3—18-in. Mower, \$7; No. 4—21-in. Mower, \$8. Send draft, money-order or reg. letter. Please mention the American Florist when writing.

FREE LAWNS AND THEIR CARE

Every lover of beautiful Lawns should send for this interesting and instructive little book called "Lawns—Their Making and Their Care." Valuable information compiled from Government and expert gardening sources, also interesting information about the new Seamless Tube "Bull Frog" Bound Lawn Hose, "the kind that lasts." **THE TOLEDO RUBBER CO.,** 412 Summit St. Toledo, Ohio

Montreal.

The June bride has kept the Montreal florists quite busy, and the immense crop of peonies and other flowers such as the month of June brings in abundance, were advantageously disposed of. The largest decoration was secured by P. McKenna & Son for the marriage of the youngest daughter of ex-Mayor James McShane to H. Buckley, of Albany. The large chapel of St. James' Cathedral was beautifully decorated with palms and white flowers. The altar was decorated with lily of the valley and white roses intermixed with choice palms. An avenue of palms about 200 feet long led from the roadside through an awning to the chapel. The decorations at the residence consisted of six tables. Over the chief table was hung a large wedding bell of white carnations and lily of the valley.

At the Montreal Gardeners' and Florists' Club's last meeting the picnic and the C. H. A. convention were thoroughly discussed. The picnic, which will be on July 19, at Otterburn park, promises to be a success. A number of good prizes are available for the various events of the programme.

The C. H. A. convention will be the largest Canada has seen yet. The official programme is being distributed.

Joseph Bennett is the inventor of a wire clip for fastening stakes to cross wires.

G. Hopton and wife will leave this week for a trip to England.

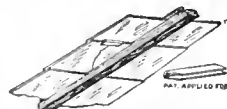
William Cook, of Plattsburg, was a visitor last week. Luck.

Harrisburg, Pa.

John A. Kepner, who already has four greenhouses, is now erecting two more of considerable size. His first house was built in October, 1903. The retail trade at his Floral Bazaar, on South Second street, has increased to such an extent that he must soon enlarge his quarters, and the wholesale trade more than cleans up all his surplus. Mr. Kepner's greenhouses are located at New Cumberland, Pa., and he says he should have from twelve to fourteen houses to accommodate his business, so rapid has been its growth in the past few years.

BROCKTON, MASS.—A bolt of lightning entered the store of Charles A. Reed during an electrical storm June 26. Mr. Reed was in the store at the time, but escaped unhurt. The only damage done was the destruction of the switch governing the electric lights and the burning out of all fuses.

PEERLESS GLASS REPAIR CLAMP



To mend cracked glass immediately and permanently. Box of 150, \$1.00. For sale by jobbers or address

ALEXANDER KLOKNER, Wauwatosa, Wis.

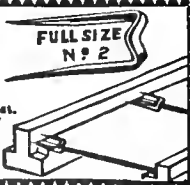
Please mention the American Florist when writing.

Holds Glass Firmly

See the Point #2 PEERLESS

Glazing Putty is the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.

HENRY A. DREE, 714 Chestnut St., Phila., Pa.



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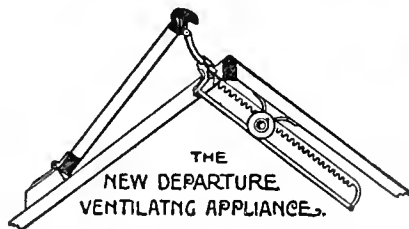
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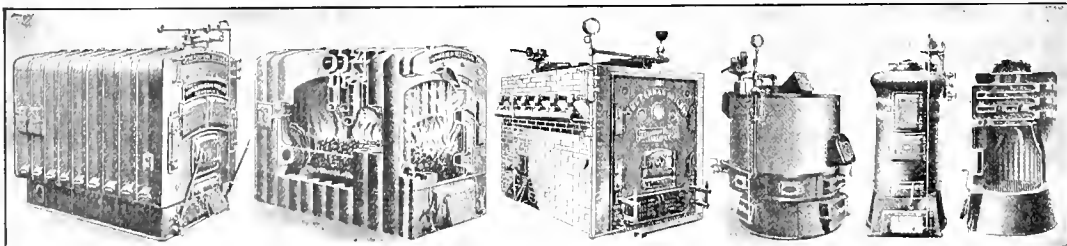


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Chrysanthemums—2½-in. pots; G. Pacific, Ivory, H. Parr, Maud Dean, P. Rose, J. K. Shaw, Halliday, Mrs. J. Jones, \$3 per 100; Josephine, Nagoya, Chadwick, \$4 per 100; Chatauvau Gold, \$6 per 100; Dr. Urquhart, W. Duckham, \$8 per 100. Lake View Rose Gardens, Jamestown, N. Y.

Chrysanthemums—Best standard varieties. Nathan Smith & Son, Adrian, Mich.

Chrysanthemums—Short thrifty stock ready for bench; yellow, Monrovia, Golden Wedding Halliday, O. P. Bassett, Nagoya, Mrs. E. D. Smith, Appleton; pink, Opah, Pacific, J. K. Shaw, P. Ivory, Minnie Bailey, Coombes, Marie Liger; white, Polly Rose, Ivory, Pullman, Weeks, Eaton, all the above, 2½-in., \$2.50 per 100, R. C., \$1.50; Dr. Enguehard, Duckham, Neville, Uncle John, Mrs. Nathan Smith, \$4 per 100. H. F. Piggott, 2311 Pearl st., Cleveland, O.

Chrysanthemums—2½-in. pots; Mrs. J. Jones, Mrs. Perrin, W. and P. Ivory, Mrs. Robinson, W. Bonaffon, Mayflower, \$2.50 per 100; G. Wedding, \$3 per 100. Wm. B. Sands, Lake Roland, Md.

Chrysanthemums—500 W. Duckham, 500 Ben Wells, 3 to 6 in. high, \$4 per 100, \$35 per 1,000. R. Engelmann & Son, Pittsfield, Mass.

Cineraria—September delivery, \$2 per 100. Jos. H. Cunningham, Delaware, O.

Cocos—Weddelliana, 3-in., 15c each. Godfrey Aschmann, 1012 Ontario St., Philadelphia.

Cyclamen—Giganteum strain; seed taken from selected flowers and well built stock only. None better. Twice transplanted, \$3 per 100; \$25 per 1,000; 3-in., \$7 per 100; \$65 per 1,000. Seed of above strain new crop, \$6 per 1,000. C. Winterich, Defiance, O.

Cyclamen—Splendens giganteum hybrids, five true colors, 2½-in. pots, \$5 per 100; \$45 per 1,000. Paul Mader, E. Stroudsburg, Pa.

Dracenas—In large quantities. L. H. Foster Estate, Dorchester, Mass.

Dracena—Ind., 5-in., 20c each; 2-in., \$2 per 100. W. B. Sands, Lake Roland, Md.

Exotics—Palms, dracenas, crotons, heliconias, stove climbers, orchids, etc. Julius Rochrs Co., Rutherford, N. J.

Ferns—Boston, 6-in., 50c each; 7-in., 75c; 8-in., \$1. W. H. Gullett & Sons, Lincoln, Ill.

Ferns—Boston ferns, 5-in., 30c each. Geo. M. Emman, Newton, N. J.

Ferns—Boston ferns in large quantities. L. H. Foster Estate, Dorchester, Mass.

Ferns—Nephrolepis Personi, all sizes, prices from 75c each; \$9 per doz.; \$50 per 100, up to \$2, \$3, \$5 and \$7.50 each. F. R. Pierson Co., Tarrytown, N. Y.

Ferns—Adiantum Croweanum, strong plants from 3-in. pots, \$2.50 per doz.; \$15 per 100; \$125 per 1,000. Wm. F. Kasting, 387 Ellicott st., Buffalo, N. Y.

Ferns—Nephrolepis Scottii, 2½-in., \$2 per doz., \$15 per 100, \$125 per 1,000. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

Ferns—5-in., from bench, \$3 per doz.; \$25 per 100; larger sizes up to \$3 each. Geo. Wittbold Co., 1659 Buckingham place, Chicago.

Ficus—Elastic, 4-in., 25c; 5-5½-in., 30-40c. Godfrey Aschmann, 1012 Ontario St., Philadelphia.

Geraniums—R. C., \$10 and \$12.50 per 1,000, September delivery. Albert M. Herr, Lancaster, Pa.

Geraniums—500 Beante Poitevine; 500 Alphonse Ricard; strong 3-in. stock, \$3 per 100. Cash. Ernsberger Pros., Decatur, Ind.

Hydrangea—Otakea, field-grown, \$10, \$12 and \$15 per 100; pot-grown, 5 to 9-in. pots, 30 to 50c each. Baur Floral Co., Erie, Pa.

Ipomoea Noctiflora—2½-in. pots \$5 per 100 3-in. pots, \$7 per 100; 4-in. pots, \$10 per 100. Godfrey Aschmann, 1012 Ontario St., Philadelphia.

Ivy—German, 2-in., \$2.50 per 100; English, viues, \$5 per 100. Geo. M. Emman, Newton, N. J.

Japanese Plants—Tiny plants in 2 and 3-in. Japanese pots, \$15, \$20 and \$25 per 100. Hindoe Florist Co., Woodside, N. Y., and Whitestone, L. I., N. Y.

Orchids—Cattleya Schroederiae, C. Trianae, C. gigas, C. Warneri, C. Dowiana, Lager & Hurrell, Summit, N. J.

Orchids—Fine Mexican, all kinds. Catalogue free. J. Balme & Co., Mexico City, Mex.

Orchids—Largest growers, importers, exporters and hybridists in the world. Sander, St. Albans, England.

Palms—Kentia Belmoreana, 5-in., 6-7 lvs., 18-20 in., \$0 per doz., \$50 per 100; 5-in., 6-7 lvs., 21-22 in., \$9 per doz., \$75 per 100; 6-in., 6-7 lvs., 22-26 in., \$1 each, \$12 per doz.; 6-in., 6-7 lvs., 26-28 in., \$1.25 each, \$15 per doz.; 6-in., 6-7 lvs., 30-32 in., \$1.50 each, \$18 per doz.; 7-in., 6-7 lvs., 34-36 in., \$2.50 each, \$30 per doz.; 8-in., 6-7 lvs., 36-40 in., \$3 each; 9-in., 6-7 lvs., 42-48 in., \$5 each; Kentia Forsteriana, made-up plants, 4 plants in pot; 7-in., 32 in. high, \$2 each; 8-in., 36 in. high, \$2.50 each; 9-in., 42 in. high, \$3.50 each; 10-in., 48-54 in. high, \$5 each; 10-in., 6-in. high, \$6.50 each; 12-in. tub, 5-6 ft. high, \$12.50 each; 12-in. tub, 6-7 ft. high, \$15 each. Joseph Heacock, Wynote, Pa.

Palms—Made up Kentia palms, in 8 to 9-in. pots, \$3 to \$5 per 100. Geo. M. Emman, Newton, N. J.

Palms—Kentia Forsteriana, 4-yr. old, 75c to \$1; K. Belmoreana, 4-yr. old, \$1 each. Godfrey Aschmann, 1012 Ontario St., Philadelphia.

Palms—In large quantities. L. H. Foster Estate, Dorchester, Mass.

Palms, Etc.—Growers and Importers palms and ferns; decorative plants. Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

Palma—Cheap, per 100, Lantana Bor., 2-in. pots, seed leaves, \$3 per 100; 3-in., 15 to 18-in., 3 chr. lvs., \$12; 5-in., 18 to 20-in., 3 to 4 chr. lvs., \$15; 5-in., 20 to 24-in., 4 chr. lvs., \$20. Kentia Bel., 2½-in. pots, 6 to 8-in., 2 to 3 lvs., \$10; 3-in., 8 to 10-in., 3 to 4 lvs., \$12.50. Sherman Nursery Co., Charles City, Ia.

If you do not find what you need in our Ready Reference Department, write us about it.

Lily of the Valley—Early and late forcing pips, Multibell, Barolina, early forcing Berlin, Polaris, Hansa, late forcing Hamburg. Aug. Rhotert, 26 Barclay St., N. Y.

Lily of the Valley—Lily of the valley clumps strong, Imp. stock, \$2.50 per doz., \$18 per 100. Vaughan's Seed Store, Chicago and New York.

Lily of the Valley—Berlin and Hamburg Valley, Jaes. Smits, Naarden, Holland. Maltus & Ware, 136 Water St., N. Y.

Lily of the Valley—Berlin and Hamburg pips for early and late forcing. Etzold & Co., Hamburg, Germany.

Lily of the Valley—Cold storage pips. H. N. Bruns, 1409-11 W. Madison St., Chicago.

Lily of the Valley—Pips, cold storage, cases of 3,000, \$10 per 1,000. J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Mushroom Spawn—Frequent importation from England, always fresh and lively. J. J. Styer, Concordville, Pa.

Mushroom Spawn—Pure culture and English. Fresh supply every month. Knud Gundestrup & Co., Chicago.

Mushroom Spawn—Vaughan's, fresh importation; English in bricks, per 100 lbs., \$6 f. o. b. New York; \$6.50 f. o. b. Chicago. Vaughan's Seed Store, Chicago and New York.

Pansy Seed—Holmes' mammoth exhibition strain; new crop. Trial pkg., 1,000 seeds, 75c; trade pkg., 2,000 seeds, \$1.25. Holmes Seed Co., Harrisburg, Pa.

Pansy Seed—Market or fancy strains; trade pkg., \$1. Denys Zingiebel, Needham, Mass.

Pansy Seed—July delivery, \$4 per oz. Jos. H. Cunningham, Delaware, O.

Pansy Seed—Jennings strain, 1 oz., \$5; 3 oz., \$12; pkg. of 300 seeds, \$1. E. B. Jennings, Southport, Conn.

Pansy Seed—Finest mixed, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrode, Luneburg, Germany.

Pansies—Sweet scented, spotted, giant, 1,000 seeds, 25c; 1-3 oz., 75c; 3-1-3 oz., \$6; Weigelt's giant flowered elite mixture, 1,000 seeds, 20c; 1-3 oz., 50c; 3-1-3 oz., \$3.75; 10 pkts. giant flowering sorts to U. S., \$1. Weigelt & Co., Erfurt, Germany.

Pansies—Seed of Roemer's superb prize pansies. Highest award Internat. Exhibit, Dusseldorf, 1904. Fred Roemer, Quedlinburg, Germany.

Pansy Seed—American grown; ex. choice mixed, 10c per pkg.; 1/4 oz., 50c; 1/2 oz., 75c; oz., \$2.75; select mixed, 15c per pkg.; 1/4 oz., 70c; 1/2 oz., \$1.20; oz., \$4; Hesperian mixture, 25c per pkg. Wm. Toole, Pansy Specialist, Barnho, Wis.

Seeds—High grade grass, clover and tree seed. Conrad Appel, Est. 1789, Darmstadt, Germany.

Seeds—Pansy, ready in July, \$4 per oz. Jos. H. Cunningham, Delaware, O.

Seeds—3,700 acres of garden seeds in cultivation; wholesale seed growers. Braslan Seed Growers' Co., San Jose, Cal.

Seeds—Rawson's Arlington tested seeds for the florist. W. W. Rawson & Co., 12-13 Faneull Hill Square, Boston.

Seeds—Burpee's catalogue for 1905 is now ready. W. Atlee Burpee Co., Philadelphia.

Seeds—Importer and exporter seeds, bulbs and plants. Wm. P. Craig, 1305 Filbert St., Philadelphia.

Seeds—Flower seeds and bulbs; onion sets; garden seeds. Leonard Seed Co., Chicago.

Seeds—Seeds, bulbs, plants. Arthur T. Bodington, 342 W. Fourteenth St., New York.

Seeds—Grower and exporter of choice beet, vegetable and flower seeds. Henry Mette, Quedlinburg, Germany.

Seeds—Pansy, Mette's Triumph of the Giants, \$5 per oz.; \$1.50 per 1/4 oz.; 75c per 1-16 oz. Henry Mette, Quedlinburg, Germany.

Wholesale Cut Flowers.

COMMISSION DEALERS.

- Allen, J. K., 106 W. 28th St., N. Y.
- Amling, E. C., 32-36 Randolph St., Chicago.
- Angermueller, Geo. H., 1324 Pine St., St. Louis.
- Berning, H. G., 1402 Pine St., St. Louis.
- Braidwood, J. B., Colorado Springs, Colo.
- Cleveland Cut Flower Co., The, 52-54 High St., Cleveland, O.
- Deamud, J. B., 51 Wabash Ave., Chicago.
- Fenrich, Jos. S., 48 W. 30th St., N. Y.
- Flower Growers' Market, 60 Wabash Ave., Chicago.
- Ford Bros., 111 W. 30th St., N. Y.
- Ghormley, Wm., 57 W. 28th St., N. Y.
- Guttman, Alex. J., 52 W. 29th St., N. Y.

- Hart, James, 117 W. 30th St., N. Y.
- Holton & Hunkel Co., 402 Milwaukee St., Milwaukee, Wis.
- Kennicott Bros. Co., 40-44 Randolph St., Chicago.
- Horan, Edward C., 55 W. 28th St., N. Y.
- Hunt, E. H., 76 Wabash Ave., Chicago.
- Kuehn, C. A., 1122 Pine St., St. Louis.
- Langjahr, Alfred H., 55 W. 28th St., N. Y.
- McCullough Sons Co., J. M., 316 Walnut St., Cincinnati, O.
- McKellar, Chas. W., 51 Wabash Ave., Chicago.
- Michigan Cut Flower Exchange, 38-40 Miami Ave., Detroit, Mich.
- Moore, Hentz & Nash, 55-57 W. 26th St., N. Y.
- Murdoch, J. B., & Co., 545 Liberty Ave., Pittsburg, Pa.
- New York Cut Flower Exchange, Coogan Bldg., 6th Ave. and W. 26th St., N. Y.
- Philadelphia Cut Flower Co., 1516-18 Sansom St., Philadelphia, Pa.
- Pittsburg Cut Flower Co., Ltd., 504 Liberty Ave., Pittsburg, Pa.
- Pittsburg Florists' Exchange, 228 Diamond St., Pittsburg, Pa.
- Pollworth, C. C. Co., Milwaukee, Wis.
- Randall, A. L. Co., 19 Randolph St., Chicago.
- Raynor, John L., 49 W. 28th St., N. Y.
- Rice Bros., 128 N. 6th St., Minneapolis, Minn.
- Selzman, John, 56 W. 26th St., N. Y.
- Sheridan, Walter F., 39 W. 28th St., N. Y.
- Trenndley & Sebenck, 44 W. 28th St., N. Y.
- Vaughan & Sperry, 58-60 Wabash Ave., Chicago.
- Welch Bros., 15 Province St., Boston.
- Whiterson, E. F., Co., 45-49 Wabash Ave., Chicago.
- Young, A. L. & Co., 54 W. 28th St., N. Y.
- Young & Nugent, 42 W. 28th St., N. Y.
- Young, Thos., 43 W. 28th St., New York.
- Zeeb & Mann, 51 Wabash Ave., Chicago.

GROWERS.

- Bassett & Washburn, 76-78 Wabash Ave., Chicago.
- Bentley-Coatsworth Co., The, 35 Randolph St., Chicago.
- Brant, D. Wood, W. Peterson and N. 48th Aves., Chicago.
- Bruns, H. N., 1409-11 W. Madison St., Chicago.
- Budlong, J. A., 37-39 Randolph St., Chicago.
- Poehlmann Bros. Co., 35-37 Randolph St., Chicago.
- Reinberg, Peter, 51 Wabash Ave., Chicago.
- South Park Floral Co., Heller Bros., New Castle, Ind.
- Welland & Risch, 59 Wabash Ave., Chicago.
- Wieter Bros., 51 Wabash Ave., Chicago.
- Witthold, Geo. Co., 1657 Buckingham Place, Chicago.
- Wolf, John, Savannah, Ga.

Retail Cut Flowers.

- Aitken, Mark, 378 Main St., Springfield, Mass.
- Berterman Bros. Co., 241 Massachusetts Ave., Indianapolis, Ind.
- Atlanta Floral Co., 41 Peachtree St., Atlanta, Ga.
- Blackstone, 14th and H Sts., N. W., Washington, D. C.
- Breitmeyer's John, Sons, cor. Miami and Graciot Aves., Detroit, Mich.
- Cooke, Geo. H., Connecticut Ave. and L St., Washington, D. C.
- Eickholt, Mrs. Chas., Galveston, Tex.
- Garden, Alex. B., 441 Center Market, Washington, D. C.
- Gude, A., & Bro., 1214 F St., Washington, D. C.
- Hanswirth, P. J., Auditorium Annex, Chicago.
- Hess & Swoboda, 1415 Farnam St., Omaha, Neb.
- Holm & Olson, St. Paul, Minn.
- Letkus, F. E., 33d St., N. Y.
- Mills The Florist, 36 W. Forsyth St., Jacksonville, Fla.
- Park Floral Co., The, Denver, Colo.
- Palmer's, Buffalo, N. Y.
- Shaffer, 14th and Eye Sts., Washington, D. C.
- Slevers & Boland, 33 Post St., San Francisco, Cal.
- Weber, Fred C., 4320-28 Olive St., St. Louis, Mo.

Supplies, Sundries, Etc.

- Artificial Leaves—All styles in hundreds of different designs. Rossig Bros., 497 W. Broadway, New York.
- Bone Meal—Vaughan's rose grower bone meal; f. o. b. Chicago, 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 60c; 50 lbs., \$1; 100 lbs., \$2; 200 lbs., \$3.50; 500 lbs., \$8; 1,000 lbs., \$15; 2,000 lbs., \$30; f. o. b. New York; 25 lbs., 75c; 50 lbs., \$1.35; 100 lbs., \$2.50; 200 lbs., \$4.50; 500 lbs., \$9.75; 1,000 lbs., \$18.50; 2,000 lbs., \$36. Vaughan's Seed Store, Chicago and New York.
- Bulb Pans, Etc.—Bulb pans. Detroit Flower Pot Mfg. Co., 409 Howard St., Detroit, Mich.
- Bulb Pans, Etc.—Bulb and fern pans. The Keller Pottery Co., 213-223 Pearl St., Norristown, Pa.
- Cane Stakes—Standard grade, 6 to 8 ft. Prices: Chicago, 75c per 100; 300 for \$1.60; \$4.50 per 1,000; \$11.50 for 3,000; New York, \$1 per 100; 300 for \$2.25; \$5 per 1,000; extra heavy, 9 to 12 ft., Chicago only, \$1.25 per 100; 250 for \$2; \$7 per 1,000; pipe stems, light, 6 ft., Chicago only, 50c per 100; 250 for 30c; \$3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.
- Cork Bark—For window boxes; large sheets. Clure & Scharath, 50 Michigan Ave., Chicago.
- Coal—Florists' specials: "Kinkaid" Hocking, Kanawha Splint, lower vein Brazil Block, genuine smokeless Pocahontas, Sullivan County Indiana Lump, Globe Coal Co., 1560-1570 Old Colony Bldg., Chicago.
- Coal—Harman, the florists' coal man. Alum Creek, Brazil Block, etc. Wm. S. Harman, 303 Dearborn St., Chicago.
- Cut Flower Boxes—The best cut flower box is full telescope; that is ours, at manufacturers' prices. C. C. Pollworth Co., Milwaukee, Wis.
- Cut Flower Boxes—Cut flower boxes, waterproof, corner lock style. No charge for printing on orders above 250 boxes. Livingston Seed Co., Columbus, O.
- Cut Flower Boxes—Folding cut flower boxes. Holton & Hunkel Co., Milwaukee, Wis.
- Engraving—Best engravings and illustrations of every description for catalogues. Send for estimates. Globe Eng. & Elec. Co., 427 Dearborn St., Chicago.
- Fertilizer—Blatchford's Plant Grower and Land Renovator is the genuine florist's fertilizer. Blatchford's Calf Meal Co., Waukegan, Ill. Est. at Leicester, England, in 1800.
- Fertilizers—Thompson's vine, plant and vegetable manure, also special chrysanthemum and top dressing manure, plant foods and stimulants. Wm. Thompson & Sons, Ltd., Clovenfords, Scotland.
- Fumigating Supplies—Vaporizing pans for tobacco extracts, improved. Diller, Caskey & Co., 6th and Berk Sts., Philadelphia.
- Fumigating Supplies—Tobacco dust for fumigating. Edwin L. Koppelman & Co., 81 Pine St., New York.
- Greens—Evergreens, galax, leucothoe, mosses, etc. The Kervan Co., 20 W. 27th St., N. Y.
- Greens—Evergreens, fancy and dagger ferns, bronze and green galax. George Cotsonas & Co., 45 W. 29th St., New York.
- Greens—Specialties: galax leaves, ferns and leucothoe sprays, holly, Princess pine; all kinds of evergreens. Galax leaves, \$1 per 1,000. N. LeCakes & Co., 53 W. 28th St., New York.
- Greens—Asparagus plumosus, 50c per string. W. H. Watson, Lapeer, Mich.
- Greens—New decorative greens, the branches of huckleberry tree, \$2.50 per case. New crop hardy ferns; fancy, \$1.25 per 1,000; dagger, \$1 per 1,000. Caldwell, The Woodsman Co., Evergreen, Ala.
- Greens—Asparagus plumosus nanus strings, 50c each. W. H. Elliott, Brighton, Mass.
- Greens—Hardy cut fancy or dagger ferns, 50c per 1,000; sphagnum moss, 50c per bbl.; laurel roping, \$4 per 100 yds. Thos. Collins, Hinsdale, Mass.
- Greens—Dagger and fancy ferns; bronze and green galax, laurel festooning, green and sphagnum moss, ivy leaves, Sprenger, asparagus, leucothoe sprays. Henry M. Robinson Co., S-11 Province St., Boston.
- Greens—Ferns, 75c per 1,000; galax bronze or green, 75c per 1,000; laurel festooning, 4 5 and 6c per yd; branch laurel, 35c per bundle; princess pine by lb., for festooning. Crowl Fern Co., Millington, Mass.
- Guano—Lobos Peruvian guano, 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1; 100 lbs., \$3. Vaughan's Seed Store, Chicago and New York.
- Horn Shavings—Price 5 lbs., 25c; 10 lbs., 45c; 25 lbs., 90c; 100 lbs., \$3. Vaughan's Seed Store, Chicago and New York.
- Hose—Non kinkable; prices, 3/4 or 1/2-in.: 1 to 24 feet, 18c per ft.; 25-49 ft., 17c per ft.; 50-99 ft., 16c per ft.; 100-400 ft., 15 1/2c per ft. Vaughan's Seed Store, Chicago and New York.
- Hose—New, 3/4-in., 7 1/2c per foot; 1/2-in., not guaranteed, 4 1/2c per foot. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

If you do not find what you need in our Ready Reference Department, write us about it.

Hose Mender—The Cooper, for 1/2 or 3/4-in. hose, No. 4 for 25c; doz., 75c; by mail 90c; for 1-in. hose, each 10c; doz., \$1. Vaughan's Seed Store, Chicago and New York.

Hose—Hose in quantity. Chicago House Wrecking Co., W. 35th and Iron Sts., Chicago.

Hose—"Bull Frog" brand, 1/2-in. and 3/4-in. Toledo Rubber Co., Toledo, O.

Insecticide—Rose leaf insecticide, Kentucky Tobacco Product Co., Louisville, Ky.

Lawn Mower—The Clipper lawn mower, No. 1, 12-in., \$7; No. 2, 15-in., \$6; No. 3, 18-in., \$7; No. 4, 21-in., \$8. Draft, money order or reg. letter. Clipper Lawn Mower Co., Dixon, Ill.

Mastica—For glazing greenhouses, \$1.25 per gal.; 6 gals., \$7; 10 gals., \$11.25; 22 gals., \$23.40. Vaughan's Seed Store, Chicago and New York.

Mastica—For glazing greenhouses, F. O. Pierce Co., 170 Fulton St., New York.

Metal Designs—Send for prices. A. Hermann, 404-12 E. 34th St., New York.

Nitrate of Soda—Ten lbs., 50c; 25 lbs., \$1; 100 lbs., \$3.50; 200 lbs., \$6.50. Vaughan's Seed Store, Chicago and New York.

Paris Green—One-half lb., 15c; 1 lb., 25c; 5 lbs., \$1.10; 14 lbs., \$2.65; 100 lbs., \$18. Vaughan's Seed Store, Chicago and New York.

Plant Stakes—Galvanized steel wire, 1 1/2 ft., 45c per 100; \$3.50 per 1,000; 2 ft., 55c per 100; \$4 per 1,000; 2 1/2 ft., 65c per 100; \$5 per 1,000; 3 ft., 85c per 100; \$6 per 1,000; 3 1/2 ft., \$1 per 100; \$8 per 1,000; 4 ft., \$1.15 per 100; \$9 per 1,000; 5 ft., \$1.30 per 100; \$11.50 per 1,000. Vaughan's Seed Store, Chicago and New York.

Pots—Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots—Standard pots, which for strength and porosity combined are best on market. A. F. Kohr, 1521-23 N. Leavitt St., Chicago.

Pots—Red standards, full size, and wide bottoms. Detroit Flower Pot Mfg., 490 Howard St., Detroit, Mich.

Pots—Red Standard; azalea pots. The Keller Pottery Co., 213-223 Pearl St., Norristown, Pa.

Pots—Before buying, write for prices. Geo. Keller & Son, 361-63 Herndon St., near Wrightwood Ave., Chicago.

Pots—Red pots. Sample pot and price list on application. C. C. Pollworth Co., Milwaukee, Wis.

Pots—Standard flower pots. We can save you money. W. H. Ernest, 25th and M Sts., Washington, D. C.

Pots—Standard flower pots. The Whildin Pottery Co., Philadelphia, Pa.; Jersey City, N. J.; Long Island City, N. Y.

Pots—Pots of all kinds. A. H. Hews & Co., No. Cambridge, Mass.; Long Island City, N. Y.

Pots—Red standard. Paducah Pottery, Paducah, Ky.

Pots—Pots of all kinds. A. H. Hews & Co., No. Cambridge, Mass.; Long Island City, N. Y.

Printing—Regan Printing House; large runs of catalogues our specialty. Write for figures. Regan Printing House, 83-91 Plymouth Place, Chicago.

Putty Bulb—Scollay's, 75c each; 3 for \$2.15; doz., \$8.50. Vaughan's Seed Store, Chicago and New York.

Raffia—Samples free if you mention the American Florist. Large assortment of colors. R. H. Comey Co., Camden, N. J.

Ribbon—Ribbon specialists. M. Rice & Co., 1224 Race St., Philadelphia.

Seed Cases—Heller's nice proof seed cases. Heller & Co., Moutclair, N. J.

Sheep Manure—Price, f. o. b. Chicago, 25 lbs., 35c; 50 lbs., 60c; 100 lbs., \$1; 500 lbs., \$4; 1,000 lbs., \$7.50; 2,000 lbs., \$14; f. o. b. New York, 25 lbs., 45c; 50 lbs., 75c; 100 lbs., \$1.50; 500 lbs., \$6; 1,000 lbs., \$11; 2,000 lbs., \$21. Vaughan's Seed Store, Chicago and New York.

Slug Shot—Hammond's, 5 lbs., 30c; 25-50 lbs., 43c per lb., \$9 per bbl. of 225 lbs. Vaughan's Seed Store, Chicago and New York.

Sphagnum Moss—F. o. b. Chicago, \$1 per bale; 6 for \$5; 12 for \$9; f. o. b. New York, \$1.50 per bale; 6 for \$6.50. Vaughan's Seed Store, Chicago and New York.

Supplies—Manufacturers and Importers. M. Rice & Co., 1224 Race St., Philadelphia, Pa.

Supplies—Importers, jobbers, manufacturers of florists' supplies; western leaders. C. C. Pollworth Co., Milwaukee, Wis.

Supplies—Makers of wire designs and florists' supplies. Cleveland Cut Flower Co., Cleveland, Ohio.

Supplies—Cape flower, cypress leaves, metal designs, and all florists' supplies. A. Hermann, 412 E. 34th St., New York.

Supplies—Seed pans, standard flower pots, cylinders for cut flowers, hanging baskets, lawn vases, etc. Hilfinger Bros. Pottery, Ft. Edward, N. Y.

Supplies—Tin foil, cut wire, corrugated boxes, folding boxes, all kinds letters, wire designs, cypress leaves, ribbons, etc. Henry M. Robinson & Co., 8-11 Province St., Boston, Mass.

Supplies—Florists' wire designs and supplies. Emil Stoffens, 335 E. 21st St., New York.

Supplies—Importers and manufacturers of florists' supplies. L. Baumann & Co., 78 Wabash Ave., Chicago.

Supplies—Importers and manufacturers of florists' supplies. Reed & Keller, 122 W. 25th St., New York.

Tobacco Dust—Five lbs., 25c; 10 lbs., 40c; 100 lbs., \$2.25. Vaughan's Seed Store, Chicago and New York.

Tobacco Soap—Sulpho tobacco soap, 1/2-lb. box, 20c; doz., \$2. Vaughan's Seed Store, Chicago and New York.

Toothpicks, Wired—\$1.50 per 10,000. \$6.25 per 50,000. W. J. Cowee Mfr., Berlin, N. Y.

Weeder—Brown's Easy Weeder. Each 35c; 3 for \$1; doz., \$3. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Weedkiller—"Eureka" weed killer, large size tin, 75c each. Vaughan's Seed Store, Chicago and New York.

Whale Oil Soap—15c per lb.; 2 lbs., 25c; 5 lbs., 50c. Vaughan's Seed Store, Chicago and New York.

Wire Supports—Model extension carnation supports, galvanized wire rose stakes, tying wires, single and dbl. pot hangers. Igoe Bros., 226 N. 9th St., Brooklyn, N. Y.

Wire Work—None made as good as our prices. C. C. Pollworth Co., Milwaukee, Wis.

Wire Work—E. H. Hunt, 76-78 Wabash Ave., Chicago.

Construction Materials, Boilers, Etc.

Boilers—Get our prices. Metropolitan Material Co., 1398-1408 Metropolitan Ave., Brooklyn, N. Y.

Boilers—Hitchings New Mogul boilers for hot water or steam. Hot water radiation from 4,200 square feet and up. Steam radiation from 2,500 square feet and up. Horticultural architects and builders. Hitchings & Co., 233 Mercer St., New York.

Boilers—Boilers of high grade for greenhouses. Steam and hot water. Glibli & Co., Utica, N. Y.

Boilers—And heating apparatus. Johnston Heating Co., St. James Bldg., New York.

Boilers—Improved greenhouse boilers, made of best material, shell, firebox sheets and heads of steel, water space all around (front, sides and back). Kroeschel Bros. Co., 45 Erie St., Chicago.

Boilers—Send for prices and catalogues. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Boilers—Furman boilers. Particularly well adapted for greenhouse heating. The Herendeen Mfg. Co., Dept. Am., Geneva, N. Y.

Boilers—Gurney heaters, heat by steam or hot water. Gurney Heater Mfg. Co., 111 5th Ave., N. Y.; 74 Franklin St., Boston.

Boilers—Water tube steam boiler. King Construction Co., N. Tonawanda, New York.

Boilers—250 Horizontal tubular boilers; 50 greenhouse heaters. Chicago House Wrecking Co., W. 35th and Iron Sts., Chicago.

Boilers—About "Burnham" boilers. Write today to our New York office for catalogue. Lord & Burnham Co., St. James Bldg., 1133 Broadway. General office and works, Irvington-on-Hudson, N. Y.

Boilers—New and second hand; 2 second hand steam, \$35 each. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Boiler Tubes—And wrought iron pipe; all sizes. I. Lanskil & Son Scrap Iron Co., 22nd and Jefferson Sts., Chicago.

Boiler Tubes—All sizes from 2 to 6-in. Chicago House Wrecking Co., W. 35th and Iron Sts., Chicago.

Building Material—Cypress is far more durable than pine. Cypress sash bars up to 32 feet or longer. Greenhouse and other building material. Men furnished to superintend erection when desired. A. T. Stearns Lumber Co., Neponset, Boston, Mass.

Building Material—Second hand white pine, 2x6, No. 1 quality, f. o. b. Minneapolis. Albert Dickinson Co., Minneapolis, Minn.

Building Material—Lumber for greenhouse benches. Ship lap, drop siding, sheathing, flooring, white cedar posts, etc. We are in special position to furnish "Pecky Cypress"; everything in pine and hemlock building lumber. Adam Schillo Lumber Co., cor. Weed St. and Hawthorne, Chicago.

Building Material—Cypress sash bars, Tennessee red cedar posts, pecky cypress benches, hotbed sash and frames, ventilating apparatus, pipe, fittings, and all supplies needed in new or reconstruction work. Foley Mfg. Co., 471 W. 22d St., Chicago.

Building Material—Greenhouse material and hotbed sash of Louisiana cypress and Washington red cedar. A. Dietsch Co., 613-21 Sheffield Ave., Chicago.

Building Material—Greenhouse material of any description. John C. Mooring Co., 412-22 Hawthorne Ave., Chicago.

Building Material—Gulf cypress greenhouse material. Hotbed sash. We furnish everything for building. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Building Material—Every type of greenhouse manufactured, also all greenhouse fittings. Pierson-Sefton Co., West Side Ave., Jersey City, N. J.

Building Material—Write for prices on Gulf cypress building material. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Building Material—Our designs embody best features greenhouse construction; best grade gulf cypress used. Red cedar posts, iron fittings, hotbed sash. Lockland Lumber Co., Lockland, O.

Building Material—100,000,000 feet of lumber of every kind; large quantity of sash, glazed with 3/8-inch ribbed glass. Chicago House Wrecking Co., W. 35th and Iron Sts., Chicago.

Glass—Window glass. Greenhouse glass a specialty. H. M. Hooker Co., 59 W. Randolph St., Chicago.

Glass—French and American "White Rose" brand. Stenzel Glass Co., 2 Hudson St., New York; 101 Portland St., Boston.

Glass—Good brands, quick shipments, large stock. Sharp, Partridge & Co., 22d St. and Union Place, Chicago.

Glass—New American, 50 sq. ft. to box; all standard dimensions. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Glass—Glass at wholesale. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Glass—Tank window glass. Hothouse glass a specialty. D. O. Cunningham Glass Co., Pittsburg, Pa.

Glass—Plate and window glass. Greenhouse glass a specialty. Sprague-Smith Co., 205 Randolph St., Chicago.

Glass Repair Clamp—Peerless glass repair clamps. Box of 150, \$1. Alexander Klokner, Wauwatosa, Wis.

Glass—Importers and jobbers; greenhouse glass a specialty. Window glass. James H. Rice Co., 80-82 Wabash Ave., 34-40 S. Water St., Chicago.

Glass—One million sq. ft. 1/4 to 3/4-in., ribbed roofing glass. Chicago House Wrecking Co., W. 35th and Iron Sts., Chicago.

Glazing Points—See the point? Holds glass firmly. Peerless glazing points are the best. No rights or lefts. Box of 1,000 points, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Glazing Points—Vaughan's Perfection, 1,000 55c; by mail, 70c; lots of 5,000 by express, 50c per 1,000. Vaughan's Seed Store, Chicago and New York.

Glazing Putty—Twemlow's Old English, \$1.25 per gal., 5 gals., \$5.50. Vaughan's Seed Store, Chicago and New York.

Greenhouse Construction—Eureka greenhouse the best and lowest in price. All houses erected at factory and shipped to purchaser with blue prints, photographs and plain directions so any person can put up. Dillon Greenhouse Mfg. Co., Bloomsburg, Pa.

Gutters—New duplex gutter, only drip proof gutter on the market. E. Hippard, Youngstown, Ohio.

Gutters—Garland's gutters will keep snow and ice off your glass. A sample of our gutter is on exhibition at Chicago Flower Growers' Market. Geo. M. Garland, Des Plaines, Ill.

Gutters—Jennings Improved iron gutters. Diller, Caskey & Co., Sixth and Berk Sts., Philadelphia.

Iron Fittings, Etc.—Send for prices. Lockland Lumber Co., Lockland, O.

Iron Fittings—Patent iron bench fittings and roof supporters. Diller, Caskey & Co., 6th and Berk Sts., Philadelphia.

Oil, White Lead, Paint, Putty, Etc.—Metropolitan Material Co., 1398-1408 Metropolitan Ave., Brooklyn, N. Y.

Paint, Putty, Etc.—The Jas. H. Rice Co., 80-82 Wabash Ave., Chicago.

Paint, Putty, Etc.—H. M. Hooker Co., 59 W. Randolph St., Chicago.

Pipe—Wrought iron pipe, sizes from 3/4-in. to 14-in. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

Pipe, Pipe Cutters, Etc.—Pipe, stocks and dies, pipe cutters, Stillson wrenches, pipe vices, hotbed sash, etc. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Pipes and Iron Fittings—S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, New York.

Pipe—Black wrought iron pipe, all sizes from 3/4 to 24-in. Chicago House Wrecking Co., W. 35th and Iron Sts., Chicago.

If you do not find what you need in our Ready Reference Department, write us about it.

Pipe, Iron Fittings, Etc.—Galvanized iron sash hinges, screw eyes, screw hooks, U bolts, galvanized iron buckles and wire. Fittings for parils and ridge supports. Foley Mfg. Co., 471 W. 22d St., Chicago.

Pumps—Rider-Ericsson, second hand, \$40 up. Metropolitan Material Co., 1408 Metropolitan Ave., Brooklyn, N. Y.

Pumping Engines—Two streams of water for 1 hour cost 2 cents if you use a Standard pumping engine. The Standard Pump & Engine Co., Cleveland, O.

Steam Traps—The Standard return steam trap has no equal for its simplicity of working. E. Hippard, Youngstown, Ohio.

Steam Traps—Morehead traps insure free circulation in coils. Save fuel. American Blower Co., Detroit, Mich.

Ventilating Apparatus—Send for prices and catalogues. S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, N. Y.

Ventilators—We furnish high grade ventilating apparatus, raising the sashes in greenhouses and other buildings. Lord & Burham Co., 1133 Broadway, N. Y. General office and works, Irvington-on-Hudson, N. Y.

Ventilators—The New Departure ventilating appliance, cheapest and best. If you doubt, try it and be convinced. J. D. Carmody, Evansville, Ind.

Ventilating Apparatus—Send for circulars. Diller, Caskey & Co., cor. 6th and Berk Sts., Philadelphia.

Ventilators—The Standard ventilating machinery; original machine with self-oiling cups; most powerful, least complicated, very compact. E. Hippard, Youngstown, O.

Ventilators—Hand ventilators, etc. The King Construction Co., N. Toxawanda, N. Y.

Ventilators—Evans' improved Challenge ventilating apparatus. Quaker City Machine Works, Richmond, Ind.

Watering System—The Wittbold Patent Watering System. Watering or syringing. Louis Wittbold, 1708 N. Halsted st., Chicago.

BOOKS FOR FLORISTS.

The time is coming along when these are needed and opportunity at hand for reading them. Every one of the following should be in your library.

Send prices quoted and we send the books.

MANUAL OF THE TREES OF NORTH AMERICA (Sargent).—The most complete and authentic work on the subject. The pages number 826, with over 600 illustrations. \$6.00.

LANDSCAPE GARDENING (Maynard).—The development of landscape art within the past few years compels the wide awake florist to keep posted on this branch of the business. The many suggestions of this book will be found helpful every business day. It contains 338 pages, 165 illustrations. \$1.50.

HOW TO MAKE MONEY GROWING VIOLETS (Saltford).—This is by a practical grower who has made a success of the business. No grower of violets can afford to be without it. 25 cents.

LANDSCAPE GARDENING (Waugh).—This is a very useful little book on the art of landscape gardening. It will be found exceptionally valuable to amateurs, as it covers in detail the numerous problems that come to the owners of small gardens. It is freely illustrated and the pictures have been chosen with a view to informing the reader rather than decorating the book. 50 cents.

STEAM HEATING FOR BUILDINGS (Baldwin).—Contains valuable data and hints for steam fitters and those who employ this method of heating. The 350 pages are fully illustrated. \$2.50.

HEDGES, WINDBREAKS, ETC. (Powell).—A treatise on the planting, growth and management of hedge plants for country and suburban homes. A volume of 140 pages, with twenty-two illustrations. 50 cents.

American Florist Co.,

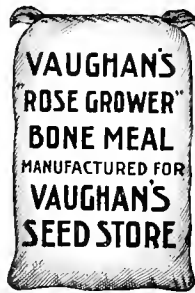
324 Dearborn Street,

CHICAGO.

VAUGHAN'S LIST OF Seasonable Supplies.

FERTILIZERS.

Vaughan's "Rose Grower" Bone Meal.



This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. It is made from bone accumulated in large slaughter houses, and should not be compared with Bone Meal made from cattle heads and feet gathered on the western prairies. Analysis—Ammonia, 4 1/2 to 5 1/2 per cent; total phosphoric acid, 22 to 25 per cent; total bone phosphate, 48 to 54 per cent.

Price.—F. O. B. Chicago: 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 60c; 50 lbs., \$1.00; 100 lbs., \$2.00; 200 lbs., \$3.50; 500 lbs., \$8.00; 1,000 lbs., \$15.00; 2,000 lbs., \$30.00. F. O. B. New York: 25 lbs., 75c; 50 lbs., \$1.35; 100 lbs., \$2.50; 200 lbs., \$4.50; 500 lbs., \$9.75; 1,000 lbs., \$18.50; 2,000 lbs., \$36.00.

Horn Shavings. This is a very choice article, the refuse of the best white hard bone from a knife handle factory. It is lasting and especially recommended for use in palm soil and on other plants which are not shifted very often, and where a continuous and lasting supply of plant food is required. Price: 5 lbs., 25c; 10 lbs., 45c; 25 lbs., 90c; 100 lbs., \$3.00.

Lobos Peruvian Guano. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$3.00. Write for prices on larger lots.

Nitrate of Soda. 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$3.50; 200 lbs., \$6.50.

SHEEP MANURE. Price.—F. O. B. Chicago: 25 lbs., 35c; 50 lbs., 60c; 100 lbs., \$1.00; 500 lbs., \$4.00; 1,000 lbs., \$7.50; 2,000 lbs., \$14.00. F. O. B. New York: 25 lbs., 45c; 50 lbs., 75c; 100 lbs., \$1.50; 500 lbs., \$6.00; 1,000 lbs., \$11.00; 2,000 lbs., \$21.00.

Glazing Tools and Materials

MASTICA, for Glazing Greenhouses. The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. One gallon will cover about 200 running feet (one side). Price: Per gal., \$1.25; 6 gals., \$7.00; 10 gals., \$11.25; 22 gals., \$23.10.

Twemlow's Old English Glazing Putty. Semi-liquid. To be used in the same manner as Mastica. Per gal., \$1.25; 5 gals., \$5.50.

Scollay's Putty Bulb. A useful tool, similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, 75c; 3 for \$2.15; doz., \$8.50. If by mail, add 10c each for postage.

No Rights or Lefts.

No. 2 Large, single thick glass.

No. 2 1/2. Double thick, for greenhouses and skylights.

Price: Per box of 1,000, 55c; by mail, 70c; in lots of 5,000 by express, 50c per 1000. Pincers or pliers for same, 50c; postpaid, 65c.

THE COOPER HOSE MENDER.



It is simple, practical and effective. Does not reduce the diameter of the hose. Will not rust or wear out. You need no wires, pliers or mechanical skill to adjust them. Price: For 1/2 or 3/4 inch hose, each, 8c; 4 for 25c; doz., 75c; by mail, 90c. 1-inch hose, each, 10c; doz., \$1.00.

Rubber Hose, etc.

ELECTRIC, NON-KINKABLE.

The best greenhouse hose on the market—Non-Kinkable. Being made of pure rubber, does not crack or scale. This hose has come into general use on account of its superior quality.

If you have a house where regular lengths hose are not available, order exact number of feet you require. Price 3/4 or 1/2-inch:

1 to 24 feet.....	18c	per ft.
25 to 49 feet.....	17c	per ft.
50 to 99 feet.....	16c	per ft.
100 to 400 feet.....	15c	per ft.

Standard Couplings free with 25 feet or over; sample mailed free if desired.

SPHAGNUM FOR FLORISTS.

Strictly best grade, clean hand picked Moss. Special prices on larger lots.

BURLAP BALES, each, \$1.00; 6 for \$5.00; 12 for \$9.00. F. O. B. New York: 1 bale, \$1.50; 6 bales, \$6.50.

PLANT STAKES.

GALVANIZED STEEL WIRE.

Prices subject to change without notice. Write for latest quotations on quantities. Far superior to wooden stakes and practically indestructible.

No. 9 Wire.....	Per 100.	Per 1000.
1 1/4 feet.....	\$0.45	\$ 3.50
2 ".....	.55	4.00
2 1/4 ".....	.65	5.00
3 ".....	.85	6.00
No. 8 Wire.....		
3 1/4 feet.....	1.00	8.00
4 ".....	1.15	9.00
5 ".....	1.30	11.50

CANE STAKES.

Standard Grade.—These run from 6 to 8 feet in length and weigh about 170 to 180 pounds per 1000. Price (if shipped from Chicago): per 100, 75c; 300 for \$1.60; per 1000, \$4.50; 3,000, \$14.50. Price (if shipped from New York): per 100, \$1.00; 300 for \$2.25; per 1000, \$5.00. Special prices on larger lots on application.

Extra Heavy Grade.—For special work, Dahlias, etc. These run from 9 to 12 feet in length and weigh about 300 pounds per 1000. Price (in Chicago only): per 100, \$1.25; 250 for \$2.00; 1000 for \$7.00.

Pipe Stems.—For light work; measure about 6 feet. Price (from Chicago only): per 100, 50c; 250 for 90c; 1000 for \$3.25.

INSECTICIDES.

PARIS GREEN.—A poisonous insecticide in powder form, for insects which chew. When applied as a powder, use one part Paris Green to 100 parts plaster or flour. As a liquid one pound of Paris Green in 150 to 300 gallons of water; if used on fruit trees, add one pound quick lime. 1/2 lb., 15c; per lb., 25c; 5 lbs., \$1.10; 14 lbs., \$2.65; 100 lbs., \$18.00.

SLUG SHOT, Hammond's.—Guaranteed to destroy potato bugs, and those on tomato and egg plants, currant worms, cabbage lice and worms. Price: 5 lb. package, 30c; 25 to 50 lbs., at 1 1/2c per lb. By barrelful, in bulk 235 lbs., \$9.00 on cars; 3 barrels in bulk, per 100 lbs., at \$3.60.

Sulpho Tobacco Soap.—One of the best for green fly on roses. Per 1/4 lb. box, 20c; by mail, 25c; dozen, \$2.00; 2 ounce package, dozen, 85c. A splendid article for retailing; sells at 10c per package.

Tobacco Dust.—One of the best remedies for green and black aphids, fleas, beetles, etc.; when used as a top dressing for lawns, it acts both as an insecticide and fertilizer. 5 lbs., 25c; 10 lbs., 10c; 100 lbs., \$2.25.

WHALE OIL SOAP.—This is a Caustic Potash Soap made from pure fish oil and is free from animal fats or other adulterations. Makes an excellent wash for trees and plants where insects and eggs affect the bark, including the San Jose scale; also used for smearing on trees to prevent worms crawling up. Per lb., 15c; 2 lbs., 25c; 5 lbs., 50c.

VAUGHAN'S SEED STORE 84-86 Randolph St., CHICAGO. 14 Barclay St., NEW YORK.

Newport, R. I.**SUMMER TRADE FAIR.**

The general opinion seems to be that the summer trade with the florists is as yet only fair. There has been quite a number of luncheon and dinner decorations but none very large. All the trade did well this year with the plants they let out for the summer, in fact more could have been placed had they been available. There is very little doing with the seedsmen, but this season is always a quiet time with them.

HORTICULTURAL SOCIETY MEETING.

The Newport Horticultural Society held its regular July meeting July 5, and the various reports of the committees on the recent show were received. J. Henry Cremin and George W. Flagg were elected active members. Miss Alice Keteltas, who has shown such splendid interest in the work of the society, and Miss Maud Wetmore were elected active members by acclamation upon their names being proposed, the regular rules being suspended. Secretary McIntosh read his report of the recent rose and strawberry show which showed that \$408 had been awarded in prizes and gratuities, besides the medals and certificates of merit. It was voted to hold a ladies' night July 19, and as there is a growing interest in the work a good attendance seems assured.

The board of park commissioners has arranged a series of twenty-four band concerts to take place this month and next. X.

Orange, N. J.

The regular monthly meeting and floral display of the New Jersey Floricultural Society was held on July 7. An informal talk upon orchids in general was given by John E. Lager and the schedule for the annual fall flower show adopted. In the floral display Lager & Hurrell contributed cut orchid blooms in twelve varieties. William Barr, Arthur Bodwell gardener, showed *Cattleya Harrisonia*, one plant having thirty flowers, and an *Odontoglossum Reichenheimii* with 126 flowers, photographs of which were taken for the collection of specimen flowers; Henry Graves, Edwin Thomas gardener, *Cypripedium Brownii*, *C. leucorhodum*, *C. Comus* and *C. Ashburtonia*; the Colgates, William Read, gardener, and Stewart Hartshorne, Arthur Caparn gardener, each a vase of Japanese iris of great size; John Crosby Brown, Peter Duff, gardener, showed three specimen gloxinias; Douglas Robinson, John Gerwin gardener, vases of sweet peas and coreopsis and a collection of vegetables; William Runkle, D. Kindsgrab, gardener, specimen *Phyllotænum Lindenii*.

J. B. D.

Lowell, Mass.

Once more we are plunged into summer quietness, although during the past week business has been very active. There has been plenty of funeral orders, some of them requiring a vast amount of stock. The effects of the hot and sultry weather are plainly seen in the show windows.

This section of New England was visited last week by a miniature cyclone, which uprooted trees and played havoc with everything that was in its way. At Tewksbury, Mass., the heaviest loser was John Gale, his windmill and tank being blown through the end of his greenhouse. The frame for a new

house was also broken. A. Roper's windmill was also blown down.

Early closing is now in order, the stores closing every Thursday during July and August at 12:30 p. m.

A picnic is being arranged to take place at Willow Dale some time during August. A. M.

St. Paul.

Trade continues fair with the help of considerable funeral work. Stock is not very plentiful, and what there is on hand is not of the best. Very few summer roses are in yet, owing to the continued dark weather. The automobile carnival created some demand for coreopsis and purple sweet peas, but not to any great extent. Album and rubrum lilies are now in good shape and are selling well, and some very good carnations are still coming in.

NOTES.

The Twin City florists will have their outing at Wildwood as usual on July 25. Contributions for prizes, etc., have been very liberal, and everybody is looking forward to a good time. The team bowling contest for the gold medal which St. Paul won last year will be held the week before, owing to the time it takes to finish this event. There is great rivalry between the two cities for this, not only for the glory in it, but also for the individual buttons which each member of the winning team receives.

Prospects for a fair representation to the Society of American Florists' convention are good, as everybody has had a good season.

Henry Krinke will leave this week for a trip to Germany and his old home. He expects to be gone several months.

E. P. Holm and Gust Colberg are enjoying their summer vacation at Chisago Lakes. O.

ROCK ISLAND, ILL.—H. Hensley has purchased for \$1,750 a lot on Mosensfelder avenue on which he will erect several greenhouses.

Asheville, N. C.

Spring plant trade in this section has been very good, also the cut flower trade during the past season.

E. E. Brown is adding a new carnation house, 25x110 feet.

WAKEFIELD, MASS.—Otto Shydecker, who for three years has conducted the business of C. A. Gardner, has gone to South Framingham to take charge of a large establishment there.

HARTFORD, CONN.—G. W. McClunie, of 15 Annawan street, sustained a broken wrist a few days ago caused by a fall on a stairway.

King Construction Co.
NORTH TONAWANDA, N. Y. and
TORONTO, ONT.
New Greenhouse Catalogue ready for distribution. Send for it.



**EVANS' IMPROVED
CHALLENGE
VENTILATING
APPARATUS**
WRITE FOR ILLUSTRATED CATALOGUE
QUAKER CITY MACHINE WORKS
6666 RICHMOND, IND.

GREENHOUSES.
MATERIAL FURNISHED
AND
MEN TO SUPERINTEND
ERECTION IF DESIRED.
CYPRESS SASH BARS
ANY LENGTH UP TO 37 FEET OR LONGER.
THE A. T. STEARNS LUMBER CO.,
NEWTON, MASS.

**GREENHOUSE
LUMBER**

Our Louisiana Cypress

Is thoroughly air-dried and free from sap. This is the very best material now offered to the trade for greenhouse construction.

We have the largest stock of this high-grade cypress in the North, and can promise quick service in filling all orders entrusted to us.

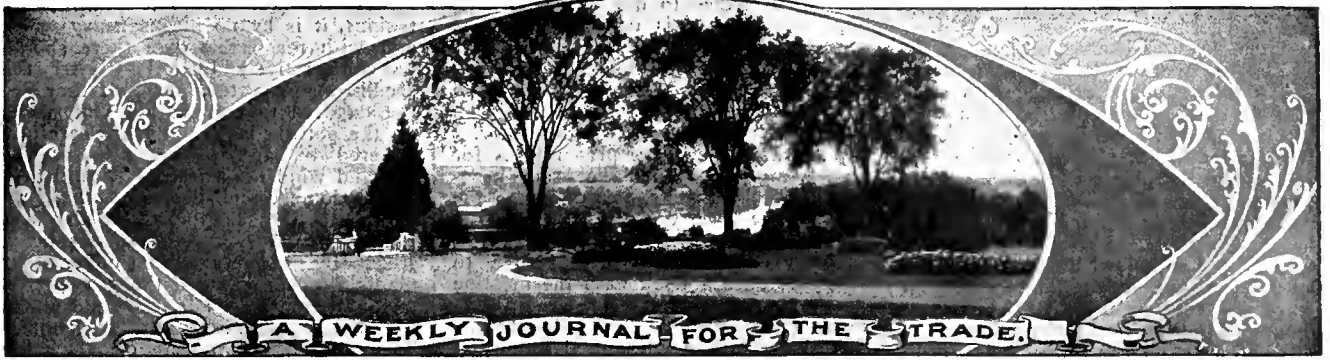
Estimates and designs furnished on application. We will be pleased to figure with you on your contemplated work.

Our new detail sheet mailed on request.

RED CEDAR POSTS. IRON FITTINGS. HOT-BED SASH.

LOCKLAND LUMBER CO.
LOCKLAND, O.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort in midships, but we are the first to touch the open seas."

Vol. XIV.

CHICAGO AND NEW YORK, JULY 22, 1905.

No. 894

THE AMERICAN FLORIST

TWENTIETH YEAR.

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—J. C. VAUGHAN, Chicago, president;
J. R. FREEMAN, Washington, D. C., vice-president;
WM. J. STEWART, 11 Hamilton Place, Room 11, Boston, Mass., secretary; H. B. BEATTY, Oil City, Pa., treasurer. Twenty-first annual meeting at Washington, D. C., August 15-18, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention and exhibition at Boston, 1906. PETER FISHER, Ellis, Mass., president;
ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., March, 1906. ALEX. MONTGOMERY, Natick, Mass., president; WM. J. STEWART, 11 Hamilton Place, Boston, Mass., secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition, Philadelphia, Pa., November, 1905. FRED. H. LEMON, Richmond, Ind., secretary.

Ready
Reference
Advertising
Page 1165.

THE ROSE.

Leveling Soil and Disbudding.

As a great many growers have had their roses benched for several weeks, and have cleaned up a crop or two of weeds, staked and tied their plants, etc., the plants by this time should have made sufficient growth at the roots to be able to do away with the depressions left at the base for individual watering. The soil can now be leveled, firmed and stirred. Before filling in the depressions, where the plants have been grafted, all the growth coming from the Manetti should be removed with a sharp knife, a far better method than breaking them off, as they will soon start up again if not cut away close to the stem. The soil at the bottom of the depressions will be found very tightly packed by this time and should be stirred up. After leveling the soil it should be pressed firmly with the hands, care being taken to press it very firmly against the siding of the beds, otherwise it will shrink enough to cause a great waste of water at the sides of the tables in order to get the soil sufficiently wet. After the soil has been firmed it should be stirred and left in a loose condition on the surface, carefully cleaning around each plant, for to leave a slight mound at the base of a plant will often prevent it from getting the proper amount of water. The object in being so particular about leveling the beds is simply to assist in applying the water evenly. The beds should be stirred at least once per week. This encourages root action, which in turn gives us vigorous growth, so much desired.

Disbudding must now be attended to with great regularity, never allowing the buds to show color before removing them. Just as soon as they are formed, cut them back to prominent eyes. This may mean going down two or three joints, but it is a far better method than to merely take out the bud, leaving the weak eyes at the top to break, forming turgid growth. In disbudding American Beauty, I would advise a little different treatment. Let the buds get almost large enough to show color before removing them. This ripens the canes somewhat and has a tendency to slightly check the growth, causing the plants to break freely at the bottoms. Bride, Bridesmaid, Golden Gate and other teas and hybrid teas, seem to do much better disbudded while the buds

are just formed, American Beauty being the only exception to the rule with me.

STOCK CARRIED OVER.

Now just a few hints regarding the stock carried over. If the plants have been tied down or cut back hard, in either case, do not expect them to start in to vigorous growth at first; usually the first growth is rather disappointing when one sees it for the first time, but by judicious watering they will soon form new roots in the fresh soil and break much stronger, as the root action increases. In disbudding the carried-over stock cut back to two good eyes the same as when cutting the blooms. This will give you flowers instead of foliage. This refers to the buds that have very short stems, unfit for the market. Water sparingly until the foliage has a good, healthy color. A great deal depends on the proper starting of carried-over stocks and I might say the proper starting is a matter of applying the water alone. Therefore, put a man that can manipulate the hose in charge of these plants. The young stock should be kept well tied, giving it all the chance to dry out and to get as free a circulation of air as possible. Flowers of sulphur applied to the plants by a bellows or any machine for this purpose during the hottest part of the day is an excellent preventive for mildew and should be applied weekly whether the plants are affected or not. There are times when in some sections during rainy days and at night light firing can be done occasionally. When this is the case and the sulphur is applied to the pipes one is seldom troubled with mildew and it will pay many times the price of the coal used just to get the benefit of the sulphur fumes for a few hours. Do not close the ventilators tightly at night even when the steam can be used unless it is for an hour or so to get the benefit of the sulphur. Ventilate as carefully during the summer as at any season of the year, according to the weather conditions.

E.

Diseased Bride Roses.

ED. AMERICAN FLORIST:—

I am mailing you herewith a plant of Bride rose. If same is diseased, would be pleased if you can determine its nature. The plant was grown in the north row of the north bench of a Dietsek short span house and consequently re-

ceived much shade, but there are many others in the same bench similarly affected. The plant is two years old and has been growing in the same soil during that period. I. S. C.

After a careful examination of the Bride rose plant received from "I. S. C." I find that it is affected with club-root to such an extent that in a very short time it would have dropped the foliage. If "I. S. C." will remove one of the diseased plants and wash the soil from the roots carefully, he will discover numerous tubers clinging and matted to the fibrous roots. These little tubers if divided and examined under a powerful microscope will be found to contain numerous eel worms. At the present time I do not know of any remedy for this disease. The best we can do is to try and prevent it. The soil in which the plant was grown may be infested to some extent with eel worm, but it seems to be a good rose soil, which leads me to think that the plants were kept too dry while in small pots or after they were benched, a condition most favorable to the disease. The back row being somewhat shaded would not tend to spread the disease unless it was so situated as to be more or less neglected in watering the beds. However, I would advise "I. S. C." to throw out the old stock and give the house a thorough cleaning, giving the bench boards a good coating of hot lime wash. Fill with good fresh soil and plant with young stock, discarding any plants from the pots that show the least signs of being clubrooted. Then look to the watering, which, if done carefully at all seasons, cannot fail to give the eel worm a severe check. E.

PALMS AND FERNS.

Ventilating and Repotting.

Comparatively few really warm nights have been experienced during the present season up to this date, and consequently there has not been the necessity for free ventilation at night that is generally found by July 1. But even though the temperature is comparatively low during the majority of nights, yet some ventilation is an advantage in the palm and fern houses at this season, for without it there is too much condensed moisture upon the foliage for the welfare of the plants, and the growth is likely to become soft and drawn. There have also been many cloudy days and much humidity in the air, and consequently the plants do not dry out so rapidly as may be expected in the early summer, and careful watering becomes the order of the day, for many of the plants are recently repotted and not in condition to take up water rapidly.

Fungoid troubles are quite likely to appear under such conditions, and especially so in old greenhouses in which there is usually to be found more or less rotten wood, and a measure of prevention and purification that is adopted by some growers is that of sprinkling slaked lime under the benches or among the plants. This doubtless has some value, though plenty of fresh air is probably quite as effective a remedy, and during a long spell of cool and damp weather a little fire heat, with free ventilation, will make a greater improvement in the atmospheric conditions than any other method.

Thorough syringing is required by the palms just as often as the weather will

permit, and when the weather conditions are doubtful this should be done quite early in the day, in order to give the foliage a chance to dry off again. At this season there is usually little need for watering with liquid manure, unless it be in the case of some old and much root-bound stock, for over-stimulation produces brittle foliage that is not well adapted for the uses of the decorator.

The various nicotine preparations for fumigating are valuable aids in keeping down the insects, for, owing to the lack of fire heat, vaporizing is not now practicable in the majority of establishments, and it is a safe practice to fumigate once a week with the nicotine paper preparations, there being little or no danger of injury to the palms by the use of these, even when used somewhat



George H. Cooke.
Superintendent S. A. F. exhibition.

stronger than is recommended by the manufacturers. Up to the present, I have never had any palms injured by the use of aphid punk or nicofume unless a leaf has been carelessly allowed to hang directly over the burning paper, and has thus been scorched by the heat. I have also used these preparations in houses that were partially filled with Boston ferns, but without any damage to the tender young fronds, even when the insecticide has been strong enough to kill young or half-grown mealy bug, as well as aphid.

Full-grown mealy bug will bear quite a heavy smoking with either of the preparations named, but a repetition of the dose on two or three evenings is generally fatal to these pests, except where the insects are hidden away in the axils of the leaves, and in the latter case it is almost impossible to kill them by fumigation.

Yellow thrips also succumb to repeated fumigations, this insect being most troublesome on arecas and kentias, though also appearing on *Ficus elastica* in hot and dry weather unless the plants are vigorously syringed.

The potting and handling of seedling ferns is a somewhat tedious operation to those who grow them in quantity, for even though one has had much experience in this line it is more troublesome to pot these small and tender subjects than to handle a lot of rooted

cuttings of ordinary character, and much less progress will be made in a day. Fortunately, the potting of small ferns comes in the summer, and though tedious, it is by no means heavy work, and with reasonable care there should be comparatively little loss after the seedlings are potted, provided they are not exposed to the air too long while on the potting bench, and are carefully watered in, and protected from, the sun and wind for a few days, until they may become established.

Some of the selaginellas are also useful to have, the creeping species being frequently used in carpeting under other plants, while several of the 350 species, or thereabouts, are admirable pot plants for the conservatory or greenhouse. The creeping selaginellas, of which the well known *S. Kraussiana*, *S. densa*, *S. apus*, and *S. serpens* are good examples, are very readily propagated by division at this season, for almost every little branchlet will take root in a light, sandy soil. The old plants may be broken up into a number of tiny tufts, these being potted into small pots, placed in a shaded house and kept moist. *S. densum* and *S. apus* are among the most compact of these low growing species, the latter being a native of the United States, and sometimes found as far north as New Jersey. *S. serpens* is that singular member of this extensive family that is very often found in greenhouses, and that has the peculiarity of changing its color during the day, the foliage being bright green in the morning, but turning to a gray green toward night, from which characteristic it has sometimes been known as *Selaginella variabilis*.

Not very many of the selaginellas are hardy enough to be recommended as house plants, the atmosphere of the dwelling being too dry, but *S. Braunii*, a Chinese species of wiry growth, and having fern-like branchlets, is one that is frequently grown quite successfully in the dwelling. This species spreads by underground stems or runners, and may be propagated by division, the young plants being potted up into 3 or 4-inch pots, according to the size of the divisions, and may be grown in a comparatively low temperature, 50° to 55° at night being sufficient.

S. Braunii will doubtless be remembered by many growers under the title of *S. Wildenovii*, it having been grown under that erroneous name for many years, though the specific name *Wildenovii* really belongs to that scandent growing selaginella commonly called *S. caesia arborea*. W. H. TAPLIN.

Nephrolepis Amerpohl.

This is a new form of the Boston fern which has been developed at the progressive establishment of Edward Amerpohl, proprietor of the Janesville Floral Company, Janesville, Wis. The new plant is after the character of *Nephrolepis Piersoni elegantissima*, but the pinnae are said to be much more finely divided than those of the latter, giving the fronds and plants a more attractive appearance. The original plant has been cut up quite close for propagating purposes and therefore it is not now possible to give a full account of the plant and its characteristics. Mr. Amerpohl expects, however, to have a few specimen plants for exhibition purposes later in the year. Some well known fern experts regard the new arrival with much favor.

WASHINGTON, D. C.

The Florists' Convention City, August 15, 16, 17 and 18, 1905.

Twin Oaks.

Twin Oaks, the home of Mrs. Gardiner G. Hubbard, is considered by many visitors to be the most interesting private place in Washington. The house and surrounding landscape are shown in illustrations herewith. One of the most interesting features of the place is the aquatic garden, with its background of towering foliage plants. Peter Bisset, the head gardener, is well known to many members of the craft throughout the country, and the present condition of the place is much to his credit. He has given much attention to crossing the nymphæas. He has also a good collection of seedling roses. He is now growing the pink rose Killarney and considers it of rare merit. There is an excellent collection of climbing and other varieties of roses on the place, and the summer houses and arches on which the former are trained are fine pictures in the blooming season. The collection of Japanese maples and conifers are alone worthy of a visit, aside from all the other interesting feature of the place. In addition to a lotus, there is another rare plant, the papyrus, the name of which is intimately associated with ancient history, for it is of the same variety the ancients used on which to write. Mr. Bisset has exhibited stock at various exhibitions and is the holder of several medals and first-class certificates.

The aquatic garden is located in a natural dell surrounded by forest trees. In the border are banana plants and a great variety of other foliage and flowering plants. In the center of the garden are the wonderfully beautiful Victorias, and other varieties are interspersed. In the illustration one of Mr. Bisset's little boys is shown sitting on a leaf. S. E.

George H. Cooke.

S. A. F. EXHIBITION SUPERINTENDENT.

The subject of this sketch was born at Thirsk, Yorkshire, Eng., forty-two years ago. At the age of fourteen he went to work in the greenhouses of his cousin, Arthur Jamison, where he remained for four years. He then went to Scar Hall, the estate of Col. Pollard, in Bradford, remaining there three years. At the expiration of his service at Scar Hall he came to the United States, landing in New York and going at once to Washington. He immediately secured employment with the well known firm of J. H. Small & Sons, remaining with them two years, when he went to the United States Botanical Garden. After three years' service there he again became an employe of J. H. Small & Sons, where he remained for about thirteen years, serving in all branches of the business, as a grower, designer and decorator. In February, 1903, he went into business for himself at 1126 Connecticut avenue, removing later to the corner of Connecticut avenue and L street.

As a florist, Mr. Cooke is looked upon as an all around man, conceded to be

an expert in his business and is building up a flourishing trade. He takes a great interest in bowling and is one of the standbys of the Washington team. His choice as superintendent of the S. A. F. exhibition was heartily indorsed by the Washington florists, all recognizing his ability and fitness for the position. Mr. Cooke was married in 1883 to Miss Sarah E. Ward. Their only surviving child is a daughter, Eva B. now twenty years old, a son having died several years ago. S. E.

Convention Hotels.

The Shoreham—Fifteenth and H streets, N. W., six squares from meeting hall. Single room, one person, \$2 per day; single room, two persons, \$3 per day; room with bath, one person, \$3 per day; room with bath, two persons, \$4 per day; suites, parlor and two bedrooms with bath, \$10 per day.

Arlington Hotel—Vermont avenue and H street, N. W., seven squares from hall, \$2 per day for each person.

Hotel Manhattan—604-606 Ninth street, N. W., European plan, for gentlemen only, one square from hall, \$1 per day upwards.

St. James Hotel—Sixth and Pennsylvania avenues, N. W., European plan, seven squares from hall. Single room \$1 to \$2.50 per day; rooms

with bath, \$2.50 per day; suites with bath, \$3 to \$4 per day.

Colooyal Hotel—Fifteenth and H streets, N. W., European plan, six squares from hall, Single room, \$1 per day.

Columbia Hotel—1413 Pennsylvania avenue, N. W., for gentlemen only, six squares from hall. Room for one person, \$1.50 per day; two persons, \$2.50 per day.

Metropolitan Hotel—Pennsylvania avenue and Sixth street, N. W., seven squares from hall. American plan, \$2.50 to \$4 per day; European plan \$1 to \$3 per day.

El Reno Hotel—Opposite B. & O. Depot, eleven squares from hall. Single rooms \$1 per day; double rooms, \$2 per day.

Hotel Johnson—Thirteenth and E streets, N. W., four squares from hall. European plan \$1 per day an upwards. American plan \$2.50 to \$4 per day.

Hotel Cochran—Fourteenth and K streets, N. W., seven squares from hall. Room with bath, \$2 per day; without bath, \$1.50.

National Hotel—Sixth street and Pennsylvania avenue, N. W., seven squares from hall. American plan, single room, \$2.50 per day, two in a room, \$2; European plan, \$1 per day up.

The Fredoota—1321-23 H street, N. W., five squares from hall. American plan, single room, \$2 per day up, double room, \$3.50 up; European plan, single room \$1 per day up, double room \$1.50 up.

Riggs House—G and Fifteenth streets N. W., five squares from hall. \$3 per day up.

New Willard—Pennsylvania avenue and Fourteenth street, N. W., six squares from hall. Single room without bath, \$2.50 and \$3.50 up; with bath, \$3.50 and \$4 up; rooms for two per-



ROSE ARCH AT TWIN OAKS, WASHINGTON, D. C.

soos, \$4 per day up without bath; with bath, \$5 per day up; double rooms with two single beds and bath, \$8.50 and \$6 per day up; two connecting single rooms with bath, \$7 per day up; large and better rooms facing street, \$9 and \$10 per day up. A reduction of twenty-five per cent from the above rates will be allowed members of the S. A. F.

Eagles Hotel—New Jersey avenue and C street, N. W., eleven squares from hall. Single room, \$1; with bath, \$2; two in room, \$1.50, with bath, \$2.50; several beds in room, 75¢ each.

Ebbitt House—F and Fourth-enth streets, N. W., five squares from hall. Single rooms, \$2.50 per day up.

Perard Hotel—1204-1206 E street, N. W., three squares from hall. American plan, \$2.50 per day; European plan, \$4.

The rates of the following hotels have not been received by the committee but will be published as soon as received:

The Oxford—Fourteenth and N. Y. avenue, N. W., five squares from hall.

Park Hotel—1017 I street, N. W., three squares from hall.

Raleigh Hotel—Twelfth and Pennsylvania avenue, N. W., four squares from hall.

The following hotels are especially recommended by the Washington Florists' Club: Shoreham, Arlington, Manhattan, St. James, Colonial, Metropolitan, El Reno, Johnson, Fredonia, Riggs House, National and Ebbitt House.

Early Insecticides.

[Paper by C. N. Ruedlinger, read before the Florists' Club, Hartford, Conn., June 9, 1905.]

In order to show that the raising of good fruits and flowers by our ancestors was carried on under difficulties and successfully accomplished largely through the persistent use of insecticides, I herewith give a short list of remedies used in olden times, some of which are in use to-day as standard insecticides:

In 1629 John Parkinson recommended for the canker to cut it out and then apply vinegar and cow manure.

In 1711 a spray of water with ruta was used in France for cantharides (fly).

In 1763 a preparation was put up in Marseilles as a remedy for plant lice, consisting of bad tobacco and water-slaked lime. Directions for use: "First wet the trees infested with lice, then rub flowers of sulphur upon the insects and it will cause them all to burst."

In 1791 Forsyth's composition was used: One bushel fresh cow dung, one-half bushel lime rubbish, one-half bushel wood ashes and one-sixteenth bushel sand and soap suds, to make it bind. After applying, sift dry powder of wood ashes and one-sixth part ashes of burnt bones. This composition was recommended to cure disease, defects and injuries to plants, was held particularly valuable in promoting the healing of wounds and was commonly used to fill cavities in trees.

In 1797 an article appeared in the New England Farmer, where Samuel Dean, vice-president of Bowdoin College, says: "There are several experiments I could wish to have tried for subduing these insects, such as burning brimstone under the trees in a calm time; or piling dry ashes or dry loose sand, 'round the roots of trees in the spring; or throwing powdered quicklime or soot over the trees when they are wet; or sprinkling them about the beginning of June with sea water or water in which wormwood or walnut leaves have been boiled. The liquid may be safely applied to all parts of a tree by a large wooden syringe or squirt. I should suppose that the best time for making trial of these methods would be soon after the worms are hatched, for at that stage of their existence they are tender and the more easily killed. Sometimes a frost, happening at this season, has destroyed them. This I am told was the case in some places in the year 1799."

In a treatise on the "Culture and Management of Fruit Trees" (American edition, edited by William Cobbett, 1802) Forsyth recommended the following mixture for the destruction of aphids: One-half peck unslaked lime, thirty-two gallons of water. Allow this to stand three or four days, stirring two or three times a day. He recommended the same mixture for the destruction of red spider, but said that pure water would also answer the purpose. It is also stated that several English nurserymen used train oil (whale oil) against coccus or scale insects on plants.

J. Thatcher, in the "American Orchardist," 1822, gives a list of the following articles to be used against the apple tree borer, an insect that is designated as a "pernicious reptile" by the author: After digging out the borer fill the cavity about the base of the tree with "flax rubbish, sea-weed, ashes, lime, sea-shells,

sea-sand, mortar rubbish, clay, tanner's bark, leather scrapings, etc."

In a Massachusetts agricultural report is stated that Josiah Knapp, of Boston, in 1814, used air-slaked lime with success against the canker worm. Later experience has shown it to be of little benefit for the canker worm, but recommends it for the slug on the leaves of fruit trees. Mr. Yates, of Albany, recommended the following solution for caterpillars: One handful wormwood, one handful rue, two handfuls of Virginia tobacco and two pailfuls of water.

In 1822 E. Perley recommended for scale insects on trees to wash them with lye or brine. On account of cheapness and ease of preparation clay paint was used very extensively. The Caledonian Horticultural Society, of Scotland, recommended that paint in 1825.

The following solution, commonly used for bed-bugs, was also recommended for canker by the "Practical American Gardener," Baltimore, in 1822: Corrosive sublimate, spirits and soft water.

On November 29, 1821, John Robertson read a paper before the London Horticultural Society, saying: "Sulphur is the only specific remedy for mildew on peaches." William Cobbett, in the "English Gardener," 1829, recommended for the cotton blight (woolly aphid) a wash of something strong, such as tobacco juice, or water in which potatoes have been boiled, or rubbing the part with mercurial ointment.

In the "New American Gardener," 1832, Thomas Fessenden gives a list of solutions supposed to be strong enough to overcome the organisms against which they were applied, as follows: Simple water, soap-suds, tobacco water, decoctions of elder, walnut leaves, bitter herbs, pepper, lye or wood-ashes, solutions of pot and pearl ashes, water impregnated with salt, tar, turpentine, etc.; or they may be dusted with sulphur, quicklime or other acid substances.

Lindley's "Guide to the Orchard and Kitchen Garden," 1831, recommends vinegar for destroying insects.

In the "New American Gardener," 1832, Fessenden quotes Loudon as saying: "Saline substances mixed with water are injurious to most insects with tender skins, and hot water is equally if not more powerfully injurious. Water heated to 126° to 130° will not injure plants whose leaves are expanded and in some degree hardened; water at 200° or upward may be poured over leafless plants."

Loudon's "Encyclopedia of Gardening," 1878, quotes Mr. Swainson as saying that hot water will destroy more aphids than by the use of tobacco water.

In the "New American Gardener," 1832, Dr. W. Kenrick speaks of alve and cayenne pepper for the aphid and quicklime, flowers of sulphur and lampblack for a white mealy insect and mildew on grapes.

In 1835 John Mearns recommended: "Strongest farmyard drainage, soft soap and flowers of brimstone" for the destruction of insects.

White hellebore was used as early as

1842, particularly in destroying worms on gooseberry plants. In America it was not until 1858, the time when the currant worm was first noticed, that J. Harris recommended hellebore.

J. Murray, in 1841, used sulphur and alcohol against mildew on peach trees. In December, 1844, nitre and water was used for mildew on chrysanthemums. On March 5, 1842, David Haggerston was awarded a premium of \$120 by the Massachusetts Horticultural Society for the cheapest and most effective mode of destroying the rose bug. It was two pounds whale oil soap to fifteen gallons water. A recipe made up by Nichols consisted of soft soap, flowers of sulphur, nux vomica and soft water, supposed to be good for any scale insects.

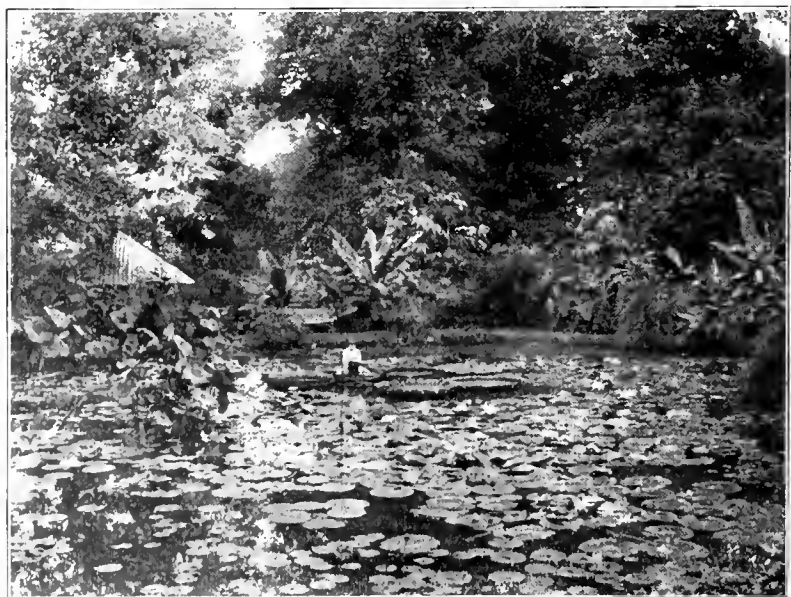
Loudon publishes Hamilton's recipe, consisting of the following ingredients: Sulphur, Scotch snuff, hellebore powder, nux vomica, soft soap, cayenne pepper, tobacco liquor and boiling water. Hamilton himself mentions that solution as a specific, if properly used; that is, while you wash the plants with this solution, remove the insects.

Grison, head vegetable gardener at Versailles, recommended flowers of sulphur, fresh slaked lime and water, for mildew. The liquid was called the "Grison Liquid" and is still in use.

In 1850 J. Young, of Louisville, Ky., found that covering the young fruit with a thin coating of lime was a preventive for the plum curculio.

In 1861 W. F. Radcliffe experimented with copper sulphate, as it was used with good success for smutty seed-wheat. He tried it on roses for mildew. Not long after that growers were warned not to use sulphate of copper, as it would kill roses by coming in contact with their roots, and no more was heard of it until 1883, when, under the directions of Millardet, experiments were made with sulphate, carbonate, phosphate and sulphide of copper.

I may say a few words in regard to the invention of Bordeaux mixture. In southwestern France, in the Maritime department of Gironde, is situated the city of Bordeaux. It is one of the greatest grape raising districts. It was here that the downy mildew of America made its first appearance, about 1878. The year 1882 was particularly favorable for the disease and but few vines escaped the attack. Those that escaped were situated along the highways. Vineyardists in these localities had suffered considerable losses from the stealing of their grapes by children and travelers along the highways. It had been the custom to sprinkle verdigris upon a few rows near the highway to give the appearance of having been poisoned. Some years before the appearance of the downy mildew, this substance being too expensive, it was replaced by a mixture of the milk of lime, and some salt of copper. The vines thus treated were the ones which had retained their foliage through the fall of 1882, while others growing further from the road lost their leaves. Prillieux and Mil-



THE AQUATIC GARDEN AT TWIN OAKS, WASHINGTON, D. C.



TWIN OAKS, WASHINGTON, D. C.

(Mrs. G. Gardner Hubbard's residence, Peter Bisset, gardener.)

lardet were among the first ones to note the effect and they started at once to work out a proper solution, in which work they were assisted by U. Gayon, professor of chemistry in Bordeaux. It is consequently to these men that the honor of having first experimented with the "Bouillie Bordelaise," as it then began to be called, may be granted; and to Millardet in particular may be given the credit of being the first to plan and publish results which showed plainly the value of the copper compounds in commercial work.

European Horticulture.

(FROM THE BRITISH TRADE PAPERS.)

Azalea Julius Roehrs.—The blooms of this handsome new variety measured three and one-half inches to four and one-half inches across, and are of an intense rose, with a few small petals in the center. The leaves are large, leathery, and dark green. Award of merit to F. Sander and Sons, St. Albans.

The Grass.—How deliciously sleeps the grass in the moonlight, and how joyfully it laughs in the radiance of the sun, says Shirley Hibberd in "Brambles and Bay Leaves." There is no place which it will not beautify. It climbs up the steep mountain passes which are inaccessible to man, and forms ledges of green amid the rivings of the crags; it leaps down between shelving precipices, and there fastens its slender roots in the dry crevices which the earthquakes had rent long ago, and into which the water trickles when the sunbeams strike the hoary snows above. There it leaps and twines in the morning light, and flings its sweet, sweet laughing greenness to the sun. There it creeps and climbs about the mazes of the solitude, and waves its fairy tassels with the wind. It beautifies even that spot, and spreads over the sightless visage of death and darkness the serene beauty of a summer

smile, flinging its green banner on the bold granite, and perfuming the lips of the morning as she stoops from heaven to kiss the green things of the earth. It makes a moist and yielding carpet over the whole earth, on which the impetuous may pass with hurried tread, or the feet of beauty linger.

Freesias for January Flowering.—The bulbs should be potted in August for flowering in January, in a compost consisting of two parts fibrous loam, one part leaf soil, half part manure, half part peat, and a liberal supply of coarse sand, placing nine or ten bulbs in a 5-inch pot, and plunged in ashes until growth begins, when they may be introduced to a cold frame, plentiful supplies of water being given at this time. Take them into a greenhouse about the end of October, when the temperature should be no more than 50 degrees, and have each shoot staked out separately. After flowering they should be gradually dried off by only giving water about once or twice a week until the foliage becomes quite brown. It is advisable at this period to water them about three times with rich manure water, as this helps to swell the bulbs, and so give quality to the bloom for the next season. When dried off, place on a high shelf to get all the sun possible, so as to thoroughly ripen the bulbs, as you cannot practically bake them too much. Then take them down about the first week in August, shake the soil off them, picking out the largest bulbs. Place them in a saucer and damp them with water a time or two until the roots begin to form; then pot them up, taking care not to break the young roots off.

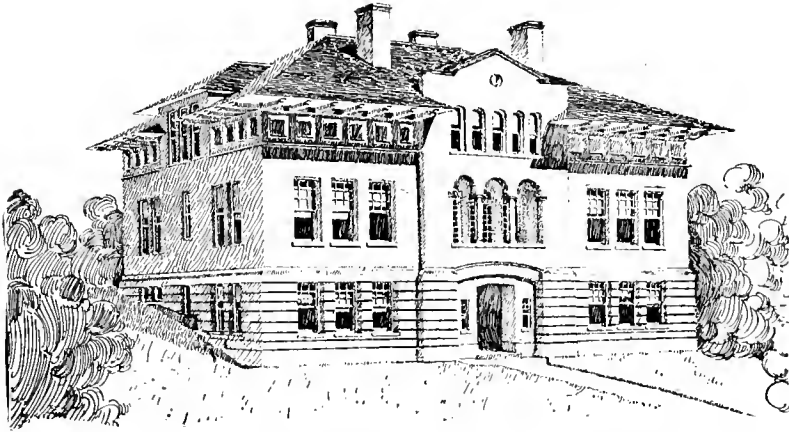
Pot Mignonette.—Among the many spring-flowering plants, few, I suppose, are more admired than a well-grown pot of giant mignonette. It does not require half the attention that many less worthy plants do. Mignonette being quite hardy, it will not stand coddling, so that anyone possessing even so small a greenhouse or

any description, or even a frame or two, may keep up a succession nearly all the year round. My plan is to sow thinly in 3-inch pots about the second week in August, and place the pots on a hard piece of ground covered with ashes. Cover them with hand-lights, water with a fine rose can, and keep close and shaded until the seedlings appear, when air must be freely admitted. They must be shaded during the hottest part of the day, and very carefully watered at this stage, or the young seedlings will damp off wholesale. When large enough to handle, thin out to four, or at most five, of the strongest. When these have made two inches or three inches of growth, pinch out the points, which will cause them to break. Shift them when well rotted into 6½-inch pots, and place in a cold frame on an ash bottom close to the glass, giving at all times plenty of air. The potting compost should consist of fibrous loam three parts to one part each of old decayed cow manure and leaf-mold rubbed through a sieve, and a plentiful supply of old plaster or mortar rubble well broken up and mixed in the soil; some of the larger portions of this may also be used for crocking the pots, mignonette being very partial to it. Firm potting is at all times essential to induce short-jointed growth; it may, in fact, be rammed quite hard. The plants should be supported in good time with neat, straight sticks, placing one to each plant to prevent their falling about, and to keep them upright. As soon as the flower-spikes begin to show they may be removed to where it is intended to flower them, and weak liquid manure should be given once or twice a week. Mignonette is sometimes sown in the same pots in which it is to flower, being thinned out afterwards. This, of course, saves time and labor, but better results are obtained by the repotting method. As regards varieties to grow for pots, there are now so many good ones it is needless to particularise. Machet and any of the armit strains being suitable.

The American Landscape Architects.

Boston and its attractive suburbs had the honor July 7 and 8 of entertaining the members of the American Society of Landscape Architects, an organization now about six years old, and which held its annual session here for the first time. It is made up of thirty-four mem-

The feature of the evening at the Somerset was an exhaustive description and historical sketch of the Boston park system given by J. C. Olmsted, its designer and architect. It comprised a detailed treatment of the common, the public garden, Back Bay, Commonwealth avenue, the fens, and in short,



NEW HORTICULTURAL HALL AT THE MASSACHUSETTS AGRICULTURAL COLLEGE.

bers, sixteen of whom are designated as fellows, and eighteen juniors, the latter the younger men who have taken up the profession of landscape designing. While in session here the society made its headquarters at the Hotel Somerset, although some of the members stopped at the Copley Square hotel.

The president of the society, John C. Olmsted, of Brookline, was on hand early at the Somerset July 7 to welcome the members, and so was Downing Vaux, of New York, the secretary. They and Warren H. Manning, of Boston, were in charge of the outing days. Two park carriages were in waiting outside the hotel, and when the members were ready, a drive was begun into Massachusetts avenue, across Harvard bridge and along the esplanade, then to Soldiers' field and to Harvard university. A stop was made at Robinson hall, where the landscape gardening course is studied during the college year.

Fresh pond and the speedway were visited, after which the party were driven to Brookline where it had been planned to reach about noon the quaint offices of the Olmsted Brothers in Warren street which is convenient to both Mrs. John L. Gardner's and Professor Charles S. Sargent's beautiful estates. Here luncheon was served and after a short rest the members spent the balance of the day in visiting the Gardner and Sargent places, the estate of Mrs. Edward Brandegee (Faulkner Farm), and the Country Club.

It was by special invitation of Mrs. Gardner that the party inspected her Brookline estate, being shown her Italian and Japanese gardens. Robeson Sargent, son of Prof. Charles Sargent, showed the party over "Holm Lea," which covers some 100 acres. By invitation of Capt. Anderson the Larz Anderson estate was opened to them. Here the visitors were received by Mrs. Larz Anderson and her daughter, Mrs. Lee. Tea was served in the Italian garden. By unanimous consent the visitor pronounced the Italian and Japanese gardens magnificent.

every feature of the system. Mr. Olmsted said:

"At this, the first meeting of the American Society of Landscape Architects, it seems appropriate that considerable attention should be given to the parks. Because I had a more or less responsible share and at all times took part in the designing of them, it has fallen to me to tell you, before we visit the parks together, some points of design which may aid you somewhat." There followed a long detailed and historical treatment of every park of Boston. This was illustrated by the stereopticon and was exhaustive in the treatment of the subject.

The next day was spent taking a trip through the principal branches of the Boston park system and part of the metropolitan system, a trip for which Mr. Olmsted's lecture had prepared the society.

Those of the society who were in Boston for the sessions include President John Charles Olmsted, of Brookline; Treasurer Charles N. Lowrie, of New York; Secretary Downing Vaux, of New York; Ossian C. Simonds, of Chicago; Charles W. Leavitt, Jr., James L. Greenleaf, Charles Downing Lay,

Frederick C. Hoth, C. F. Pilat, all of New York; Frederick Law Olmsted, Jr., and J. Frederick Dawson, of Brookline; Dana F. Dow, of Cambridge, Warren H. Manning, Percival Gallagher, Sam P. Negus, Arthur A. Shurtleff and James Sturgis Pray, all of Boston. Two of the members who had confidently expected to be present, Vice-President Samuel Parsons, Jr., superintendent of parks in New York city, and Richard Schermerhorn, of New York, who now is engaged in work on the Panama canal, were unable to attend.

Massachusetts Agricultural College.**PROPOSED NEW HORTICULTURAL HALL.**

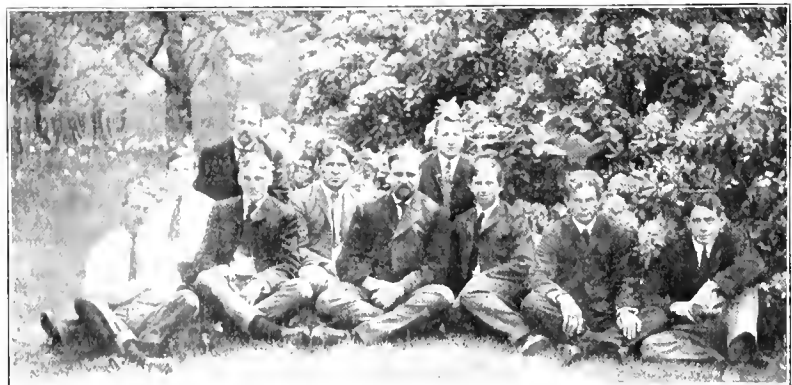
The new horticultural hall at the Massachusetts Agricultural College, Amherst Mass., is now assured, Governor Douglas having signed the bill as recommended by the legislature May 17. On the evening of that day the students of the college celebrated the occasion by having a large bonfire on the site of the new building, and with the booming of cannon, cheers and speeches.

The building will be of brick, fire-proof, three stories high and heated from the main heating plant. It will contain three class rooms, three students' laboratories, one private laboratory, photographic and dark room, two offices, museum and library. One of the main provisions will be a large draughting room for the landscape gardening department, the equipment for which is very complete.

The horticultural and landscape gardening department is in charge of Professor F. A. Waugh, and the realization of this building is a fitting climax to his interest and effort in securing such a desirable home for the students in this department and for the cause of horticulture.

The group picture shows the 1905 graduating class in floriculture, with Instructor Canning, wearing a moustache, to the left.

ROME, N. Y.—The C. B. Humphrey greenhouse property has been offered for sale by the owner. Only one bid has been received, that being from a Utican at \$7,000. A Rome florist desired to put in a bid and the sale was held open. The premises have a frontage of 165 feet on Chatham street and are 150 feet deep, containing ten greenhouses and an eleven-room house. On account of his health, Mr. Humphrey will go to California, where he spent the past four winters. He has invested in real estate there.



MASSACHUSETTS AGRICULTURAL COLLEGE.

The 1905 graduating class in floriculture.

How to Make Summer Painting Easy.

The cleaning-up and painting season should now be on and some of the workmen may justly think it unpleasant to work under the rays of the bright sun all day. The summer painting can be made quite agreeable by tacking a covering of cheap muslin or burlap to strips of lumber on the outside of the glass. Even with only a house or two to paint it will pay for cost of material and when much is to be done the cost is no item as compared to the extra amount of work accomplished. The men will not need to go out of doors to cool off or to get relief from the broiling sun, but only to move the temporary shade from section to section. Another piece of this thin muslin can be used to throw over plants to prevent the drops of paint from spotting the foliage.

There is one thing that bothers florists more than anything else in painting, that is the workmen are liable to get as much paint on the glass as on the wood. This can readily be obviated by the following little contrivance: Take a piece of galvanized sheet iron 4x18 inches long and screw it to a piece of wood 1x2. To this at an angle of about 45 degrees screw a handle a foot long. Let the "green" painter take the handle in his left hand and place the edge of the iron in the angle where the glass meets the wood on the sash bars and paint away as though no glass were there, sliding the shield up or down the sash bar as he paints. He will do double the work and won't have to worry about the scolding he will get when the boss comes around because of the paint he got on the glass. There won't be any.

WILLIAM TRILLOW.

THE RETAIL TRADE

Delivering Flowers on Ocean Steamers.

Nearly every downtown florist in Chicago is displaying a card in his show window informing the world that he is prepared to deliver flowers at all steamships leaving New York, and also at their destination abroad. One of the more enterprising dealers has an idea worth copying, in a miniature pilot wheel, about two feet in diameter, with a blackboard as its center, on which are written the times of departure of the boats leaving New York within the next week. On the rim of the wheel are the words: "Flowers delivered on board all steamers leaving New York." The novel design of the sign attracts instant attention from those whose thoughts are with friends about to venture on the briny deep. The yearly rush abroad is now at its height and these signs have been productive of much high-class and profitable trade to our retail cut flower advertisers. See page 1150.

A Flower Luncheon.

A pretty fancy is a flower luncheon, when some chosen flower is made the central idea, says a writer on social affairs. At a rose luncheon, for instance, the decorations would be of roses; the dishes figuring on the menu would be chosen, as far as possible, in shades of pink—lobster, tomato and so on; the hostess garbed in rose color; crystallized rose petals in the bouillon dishes; an American Beauty rose, tied with pink

satin ribbon, at each place, and, in fact, everything as nearly as may be couleur de rose, including the lamp shades, that are used, as is sometimes the case at "swell" luncheons.

An Elaborate Broken Column.

The column in a recent design was made of white carnations and was entwined with a rope of lavender sweet peas interspersed with lily of the valley and *Adiantum cuneatum*. On one side of the base was a cluster of American Beauty roses and *Pandanus Veitchii*, and on the other a cluster of lilies and asparagus, with a touch of white sweet peas. Several Boston fern fronds were used to good effect. It was designed by Manager George V. Wienhoeber of Fleischman's, Chicago.



A Retail Trade Suggestion.

A sign like this in a retailer's window will attract orders for flowers to be delivered at distant points and on steamers.

Floral Customs of Japan.

The arrangement of flowers in Japan is not haphazard or left to chance, but everything about it is governed by artistic laws. There are certain flowers which are used for fete days only; certain others which are absolutely prohibited by esthetic custom. A writer in the *Delineator* tells of the flower customs:

There are several styles of arrangement, each of which has a name, and the art of arranging flowers correctly is a regularly taught branch of learning. Vases in which to put the flowers or twigs are of infinite variety, and harmony between the vase and the flower is one of the first conditions to be observed.

There is a flower for each month and for each circumstance, happy or otherwise. Special bouquets are arranged for birthdays, deaths, for the first day of the eighth month, and for the hundred and one little ceremonies which are an integral part of Japanese life, and for which it would be a serious mistake to use the wrong flower.

The place which a bouquet should occupy in a room is also important, and it is usually put before the *kakamono* or painting which ornaments every well-furnished room in a Japanese house. There should always be harmony between the picture and the bouquet. Thus, before every painting by the famous artist *Toemmel*, who loved chrysanthemums, should be placed a vase of these flowers.

It is not considered good taste to stand near a vase of flowers. Three feet is a respectful distance from which to admire it. Approbation should be expressed in a low voice, simply and quietly, the color of the flowers being first touched upon, and different expressions being suited to different tints.

New York.

HOT WEATHER HURTS BUSINESS.

The market continues dull and uninteresting in character. There is very little "store" trade offering and many of the usual stock outlets are closed for the season. Arrivals have shortened up somewhat, and prices are perhaps a little firmer in consequence, but this is saying little. Cleaning up is difficult of accomplishment and he is a happy wholesaler whose growers are not shipping anything just now. Roses of the lighter sorts are much scarcer, but seem to bring no more on that account. American Beauty are still prolific in quantity and prices are not improved. Kaiserins are fairly good stock these days, and Killarney also sells well. Carnations are small in size, and while they sell freely do not command much of a figure. Lily of the valley continues to arrive in quantity and meets a consumption of about one-third of the bulk of arrivals. When choice in quality and an opening offers, as high as \$2 is got for it, but as a general thing it goes at 50 cents, and much goes to waste even at that figure. Some fine *Lilium auratum* is coming in and it is attractive enough to insure a fairly brisk movement. There are lots of asters to be seen, and as many of the consignors are new it may be taken for granted that the influx of asters this year will be greater than ever. Sweet peas are still a glut in the market, and many consignments are not realized upon at all. The torrid weather of the past ten days has curtailed business to a very large extent, and midweek sees no relief in sight.

The Market, July 19.—The market is somewhat better to-day, with a lighter influx of stock and good roses in demand.

NOTES.

The plant of the Phillips Manufacturing Company, of Kearney avenue, Jersey City, has been taken over by a new concern incorporated as the Greenhouse Company, with a capital stock of \$200,000. The officers of the new company are all men of experience in the line of greenhouse building and equipment, and the company has embarked in the business of the manufacture of greenhouse material and the erection of greenhouses. They have a very complete designing department, and have already booked some nice contracts for work. The officers are William R. Phillips, president, and Preston La Bau, secretary.

The transportation committee of the New York Florists' Club announces that liberal terms for a special train or cars for the journey to the Washington convention can be obtained if sufficient names are received to make a contract possible. All intending to go cannot do better than advise Secretary John Young at once.

At a recent meeting of the creditors of Sigmund Geller, dealer in florists' supplies, before P. K. Pendleton, referee in bankruptcy, Sidney Herman was elected trustee. All the stock of the Geller store has been sold and the business of the trustee will be largely that attending the closing of book accounts.

James T. Scott, of the F. R. Pierson Company, Tarrytown, is receiving congratulations on the arrival of a baby daughter.

L. W. Wheeler, of Vaughan's Seed Store, leaves for his home state, Wis-

consin, on Thursday for a two weeks' vacation.

W. C. Mansfield has gone to the Thousand Islands, accompanied by Mrs. Mansfield, for a two months' fishing trip.

Frank H. Traendly is receiving congratulations on the arrival of a baby boy.

Charles Schenck, of Traendly & Schenck, is enjoying a vacation.

Chicago.

THE MARKET.

While there has not been much difference in the amount of business transacted during the past week, there has been some change in the receipts of cut flowers. The extremely torrid weather has been hard on the flowers that are coming in. Some of the new cut of roses are of large and full bloom and but for the excessive heat would be solid, although they are pretty fair stock. Kaiserin has been less plentiful than before. There has been a scarcity of good white stock. White carnations, Boston Market, Flora Hill, White Cloud and Wolcott have been bringing \$2, which is a fair price for the season. Lawson brought \$1.50 and common \$1. Some large auratum lilies are seen, and some new longiflorum are arriving. Lily of the valley brought \$3.50 and the demand was principally for funeral work. Some extra fine gladioli were shown. Green goods remain about the same. Growers have their work well in hand, and new plant stock generally looks in good condition.

NOTES.

J. A. Budlong is now shipping field grown carnations, which is much earlier than usual. Their plants are well advanced and in good condition, having been planted on high ground where the early rains did them no injury. Their new Bride roses, which are selling well, have large, full heads, and are very promising of a large cut.

The several firms that are tenants of the basement of the McCormick building have forwarded a petition to the management for better heating facilities during the winter. There have been times when the walls were frozen and it is always difficult to heat the offices properly.

Edward Seore, 65 years old, 7053 Adams avenue, a gardener employed by the Illinois Central Railroad Company, died at St. Luke's hospital July 15 of injuries suffered July 11 when he jumped from a moving train at Dauphin park.

John Pehrson, manager of the Clark street store of the George Wittbold Company, is enjoying a two weeks' outing. Fred Nelson and Alvin Marine, of the same firm, have just returned from their vacations.

A party of about twenty-five, including Philip J. Foley, Peter Reinberg and John Schillo, accompanied by their wives, left on a special car July 18 for a three weeks' trip to Montana and Yellowstone park.

W. Abrahamson, of E. H. Hunt's, has gone to Saugatuck, Mich., where he will spend his vacation. Charles Erne, of the same firm, has returned from a pleasant outing.

On account of the extremely hot weather the bowling match scheduled for July 18 was postponed and will be held July 25.

Charles A. Samuelson has the sympathy of the trade in the loss of his moth-

er, Mrs. Sophia Samuelson, who died July 16.

H. H. Frey and sons, I. F. Frey and C. E. Frey, of Lincoln, Neb., have been visiting the various growers around Chicago for the past week.

The second annual picnic for the employes of the George Wittbold Company will be held at Edgebrook, July 22.

C. M. Dickinson, manager of E. H. Hunt's, expects to leave with his family July 20 for a trip to northern Michigan.

C. A. Alles, Charles Drissler and John Orcisky, of Wiator Brothers, have returned from their vacations.

August Lange sends a card from Bremen indicating his safe arrival at that European point.

The E. F. Winterson Company has just received a fine lot of Pierston ferns from Boston.

Frederick W. Timme has returned from a very enjoyable ten days' outing at the Dells, Wis.

August Poehlmann is building a fine colonial house adjoining the ranges at Morton Grove.

Charles Bohannon, of Bohannon & Canger, is spending a week at Freemont lake, Mich.

Charles Zapfe, of Budlong's, is spending his vacation at Burlington, Ia.

P. J. Hauswirth and wife returned from Buffalo, N. Y., July 17.

Ed. Benthey and wife spent several days last week in Michigan.

M. Rocklin, of E. H. Hunt's, is the father of a fine new boy.

Visitors: S. S. Skidelsky, Philadelphia, Pa.; George E. Hunt, Terre Haute, Ind.; E. E. Shedd, Valparaiso, Ind.; Robert Shore and wife and Miss Bennett, Urbana; Robert A. Smythe, Benton Harbor, Mich.; L. K. Long, Hobart, Mich.; Mr. Davis, of Davis Brothers, Morrison; B. Eschner, representing M. Rice & Company, Philadelphia, Pa.; Henry Krinke, St. Paul, Minn., enroute to Europe on a two months' trip; Ed. Amerpohl, Janesville, Wis.

Philadelphia.

QUIET MARKET.

Business is very quiet and though the demand is so slight, it is hard to get good flowers to fill the few orders that do come in. A few new crop local American Beauty are offered at the market and is very fair stock for the season. Kaiserin roses are good and in fair supply, and while there are a few Bridesmaid, Golden Gate and Liberty about, they are very poor in quality and only used with a protest because there is nothing better. Carnations are also very scarce and small. Asters are coming in slowly, but what there are sell readily. Sweet peas are almost out of sight, they seeming to have failed all at once, and the stock offered is very short stemmed. Double white petunias are in demand and are a fine substitute for carnations. Gladioli are eagerly looked for, as they make showy and effective window displays and are much used in hotel work for table decorations.

NOTES.

At the last meeting of the Florists' Club the case of Mr. White, an old gardener at Thirty-sixth and Chestnut streets, was taken up, and although not a member of the organization, a movement championed by Robert Craig was started to place him in a home. Mr. White is a gardener of the old school and now that he is not able to support

himself money contributed for this cause will be well spent. Send checks to Robert Craig.

The palm men say their stock never looked better and all are looking forward to good fall trade. Everything will be in order for the convention, as Philadelphia expects to claim a large part of the delegates for a day or two, either coming or going to Washington.

Robert Craig has been laid up for the past week, the result of a large potted plant dropping on his foot. He expects soon to be about as usual. K.

Washington.

The retail trade continues dull, funeral work being about all that is worthy of mention. The very heavy rains of the past week have given all outdoor stock a great start. Asters are coming on well and field carnations are beginning to show up. George H. Cooke is showing very fine carnations of the old crop of Lawson and Fair Maid, which he received from Pennock, of Philadelphia, Pa.

FLORISTS' CLUB MEETING.

The monthly meeting of the Washington Florists' Club was held on the night of July 3. The finance, entertainment, reception, bowling and other convention committees all reported favorably. The finance committee, in particular, under the able leadership of Vice-President Freeman, has made gratifying progress. In the absence of both the chairman and vice-chairman of the entertainment committee, President W. F. Gude, of the club, reported that a special feature of the entertainment will be a luncheon served on the top floor of the Congressional Library. This building is by many considered the finest in the world; at any rate, it greatly surpasses any other building on this continent.

President Vaughan's reception is to be made the special feature of the evening, on which it occurs, in order to give all an opportunity to renew old acquaintances and make new ones.

Supt. Cooke reported nearly all available space in exhibition hall taken, with many inquiries from intending exhibitors. It is now proposed to annex the main hall of the Masonic temple, which adjoins the National Rifles armory. Many novel and interesting features are contemplated by the reception and entertainment committees.

Peter Bisset, head gardener at Fair Oaks, was named as chairman of the committee to look after the welfare of private gardeners who may attend the convention. The club will hold a special meeting on the night of July 10 at 1214 F street, N. W., to hear reports and perfect arrangements.

The many ornamental beds in the parks and circles, which are designed and under the direction of George H. Brown, United States landscape gardener, are now showing their merits. There is also a fine showing on the grounds of the Department of Agriculture. Some "cotton" gardeners at that department are now on a vacation. Secretary Wilson, after effective use of his "big stick," is now holding down the lid. S. E.

MANCHESTER, MASS.—The annual rose and strawberry show of the North Shore Horticultural Society was held July 6, and was a great success.

St. Louis.**MARKET FIRM.**

The market owing to the extreme scarcity of stock has been firm and more good stock could have been handled. There has been considerable funeral work and white flowers, especially roses, have been hard to get. Good Kaiserin roses bring 8 cents; gladioli have been selling well, the light varieties bring 5 cents, and other shades 3 and 4 cents. White and purple asters are now selling at 1½ to 2 cents; tuberose stalks bring 5 cents. Smilax has been selling well at 15 cents, although some inferior grades were hard to move. Asparagus plumosus and Sprengerii are very plentiful.

FLORISTS' CLUB MEETING.

A meeting of the Florists' Club was held on July 13. It was decided to hold the annual picnic at Horse Shoe lake. The following officers were nominated at the meeting: For president, Fred Ammann, Frank Ellis, E. C. Sanders; for vice-president, John Steidle, George Windler, R. Windt, G. Fehr; for treasurer, Fred Meinhardt, G. Angermueller, E. W. Guy; for secretary, Emil Schray, J. Beneke, Otto Koenig; trustees, C. Beyer, F. Fillmore, Otto Benson, Frank Weber, F. H. Weber, John Steinkier, J. Pilcher, Henry Lawrence and Arthur Ellison.

NOTES.

Dr. Halstead, of the St. Clair Floral Company, Belleville, Ill., has been appointed as one of the judges of the trade display at the S. A. F. convention in Washington.

Aug. Hueltemann, of the Baden Floral Company, has leased the greenhouses formerly owned by Aug. Kunz, who has taken up farming.

The Riessen Floral Company has an excellent display of carnations and gladioli in their windows.

The St. Clair Floral Company, Belleville, Ill., is building a new rose house.

Kohr Floral Company is moving to a larger store on South Broadway.

F. W. Ude is at present bringing the finest carnations into this market.

C. C. Young will soon leave for New York for two weeks' vacation.

Joseph Hauser is bringing in some good gladioli and tuberose.

A. G. Fehr, of Belleville, Ill., is rebuilding and painting.

George Windler is bringing in some fine longiflorum lilies.

Several of the stores now close at 5 p. m. W. F.

Boston.**MARKET STILL DECLINES.**

The condition of the market has been worse this week than that of the week before. For the past seven days the thermometer has risen above ninety each day, and it has been impossible to keep flowers more than twenty-four hours at the longest after cutting them. In addition the hot weather has caused a marked decrease in the quality of the cutting of all the various flowers, particularly carnations. No prices whatsoever could be obtained and it was simply a question of selling the flowers in lots for a very small lump sum. One lot of freshly cut sweet peas of 6,000 was sold for \$2. The only purchasers were the street fakirs and these bought only on Saturday, much of the cuttings brought in on other days going to waste. The

heavy showers of Friday evening were very welcome, as all out of door stock had been very dry. The only cut flowers that have been bringing a good price were good roses, which are rather scarce.

Walter H. Knapp, of Newtonville, has gone to New Hampshire for a month's vacation. H. P. S.

Cincinnati.**MARKET DULL.**

The past week has been the dullest one we have experienced in a long time, and the market is settling down to the conditions which usually exist at this season of the year, only we find it a great deal worse than for the corresponding period of last summer. However, there is one thing to be thankful for at present, that stocks are not appearing in large quantities. Another week or ten days and gladioli and asters will be in crop, and the writer sincerely hopes there will be business enough to move just one-half of what will be received. Roses and carnations are poor. Some pretty good longiflorum lilies and lily of the valley were on the market the past week. Some very good gladioli and a few good asters were to be had, and Harry Corbett's sweet peas would be hard to beat at this time of the year. There is also a limited amount of fine smilax, which, considering the quality, does not move as readily as it might.

NOTES.

Advices have been received from Louisville, Indianapolis and St. Louis to the effect that florists from these cities will go to Washington via Cincinnati. Now what is the matter with Chicago? Cincinnati is not in the field for the S. A. F. convention next year, reports to the contrary notwithstanding, but we do want the twenty-fifth annual meeting.

John Hansen, who formerly grew the fine Begonia Gloire de Lorraine for J. A. Peterson, on May 1 took charge of the Clifton Rose Houses. The writer paid him a visit last week, and was agreeably surprised to see the changes made at this plant since Mr. Hansen took hold. A. O.

Indianapolis.

Until a week ago business held up favorably, but since then the summer dullness has set in, without much more to do than funeral work. Building and repairing have been keeping all florists so busy that they are sadly neglecting their duties as members of the Florists' Association. The secretary wishes to impress on everybody's mind that the next meeting will be the last chance for members to make arrangements for an annual outing.

NOTES.

Ed. Bertermann has just returned from his vacation. He spent most of his time visiting florists, among whom were Dorner, of Lafayette, Smith & Young, of Cumberland, and several others.

Those who will attend the convention in Washington are: W. Billingsly, Frank Carson, Irvin Bertermann, H. W. Rieman and A. Wiegand.

Irvin Bertermann is so absorbed with preparations for the chrysanthemum show, that one can talk to him on that subject only.

Bauer & Smith have just finished a house of carnations. Mr. Smith's sojourn

in Texas has greatly improved his health.

E. Hukriede & Son are just breaking ground for two new houses, one 16x80 feet, another 18x50 feet, and a new office.

Smith & Young have finished planting their two new houses in Cumberland with roses.

John Heidenreich has been nominated for councilman-at-large on the democratic ticket.

John Bertermann and family are at their cottage at Clark's lake. H. J.

General News.

CHAMPAIGN, ILL.—J. E. Yates is building a fine new residence.

WARSAW, N. Y.—John C. Fox has sold his greenhouse to Leonard Hain.

RIPLEY, MICH.—A. M. York is completing the addition of a new house, 40x100 feet, to his present plant.

HOLYOKE, MASS.—Antoine Marcotte, a member of the board of park commissioners of this city, died at his home here June 1.

CHEYENNE, WYO.—C. F. Swayger, general landscape gardener for the Union Pacific railroad, has returned from an official trip to Green River.

CHARITON, IA.—James Kneeland has bought a lot on York avenue, and expects to build a greenhouse in the near future. Chariton certainly needs a greenhouse.

HOLBROOK, MASS.—Mrs. Charles L. Pierce, of Gardner, Mass., has purchased the greenhouses, dwelling and other premises forming the Alexander F. Belcher homestead property.

SPRINGFIELD, ILL.—Guy Lord, who for the past year was employed at Miss Bell Miller's greenhouses here, has accepted a position with a wholesale florist's establishment at Louisville, Ky.

CLEVELAND, O.—G. A. Tinnerman has purchased eighteen acres of land on Euclid avenue for \$12,000. The property is heavily wooded and he expects to build a summer home on it and convert it into a park.

CONCORD, PA.—The greenhouses of P. E. Sharpless were destroyed by fire recently. The houses had been fumigated with sulphur and it is thought that some particles of this subsequently caused the fire. The loss is estimated at \$7,000.

PEORIA, ILL.—J. T. Shoaff, of this city, has a collection of insects consisting of more than 7,000 distinct species, each mounted on cardboard and labeled. The collection, containing many rare specimens, was gotten together in his spare moments.

ATHOL, MASS.—George W. Sutherland is planning to erect two more greenhouses, as the growing demand has necessitated such a move. The new houses will be 11x25 and 22x100 feet respectively. Mr. Sutherland has installed a new boiler, which is used in operating the fertilizer pump.

DALLAS, TEX.—E. H. R. Green, son of Mrs. Hetty Green, is to become a horticulturist, having purchased some land near the state fair grounds for that purpose. The enterprise will be carried on by a company with a capital of \$250,000, of which Mr. Green is the principal stockholder.

THE AMERICAN FLORIST

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PRESIDENT UHLEIN, of the Horticultural Society of Chicago, has sent us some splendid clusters of stanhoepia flowers. There is always something of more than passing interest in Mr. Uihlein's orchid collection, which is one of the most extensive in this country and contains many rare species and varieties.

Convention Notes.

St. Paul, Minn.—O. J. Olson reports that the Twin Cities will be well represented.

Detroit, Mich.—J. F. Sullivan says it has developed that quite a large party will be made up here.

Chicago to Washington.

Arrangements have been practically closed which will enable the S. A. F. delegation from Chicago to attend the convention, joining the Detroit, and perhaps other delegations, via the Wabash, and secure the desired stopover of ten days at Philadelphia at about the fare and one-third rate. Further particulars will be given next week or on application to P. J. Hauswirth, 227 Michigan avenue, Chicago.

Society of American Florists.

President J. C. Vaughan has made the following appointments: Exhibition judges, John T. Temple, Davenport, Ia., chairman; Dr. A. L. Halstead, Belleville, Ill.; Joseph A. Manda, South Orange, N. J.; committee on prize essays, Benjamin Hammond, Fishkill, N. Y., chairman; Alex. Wallace, New York; Robert Craig, Philadelphia; sergeant-at-arms, J. D. Carmody, Evansville, Ind. WM. J. STEWART, Sec'y.

GOVERNMENT COURTESIES.

The Secretary of Agriculture desires to extend the courtesies of the department to the members of the Society of American Florists. The officers of the various bureaux of the department will be glad to give information along their respective lines of work.

The Bureau of Plant Industry is conducting many lines of investigation which may be of interest to florists. A cordial invitation is extended to members of the society and their friends to visit the greenhouses and conservatories, to inspect the work on the improvement of plants by breeding and selection, and the work of studying plant diseases, especially diseases of plants under glass. The trial grounds and testing gardens of the Bureau of Plant Industry will also be open for inspection at all times.

Special points of interest which the members may be desirous of noting are the testing plots on the department grounds proper, the testing grounds on the flats located a mile south of the department buildings, and the Arlington farm, where various horticultural lines of work are under way. This farm is located near Arlington cemetery and is reached by trolley in about twenty minutes. The various laboratories will be open for inspection at all times and officers of the Bureau of Plant Industry will be delegated specially to show visitors the various lines of work under way.

For information of the visitors a fine collection of gladioli and other bulbous plants has been made and they may be seen growing at the department grounds. J. R. FREEMAN.

Chrysanthemum Society of America.

SPECIAL PRIZES.

The following special prizes are offered, to be competed for at the next annual exhibition of the Chrysanthemum Society of America, to be held in Philadelphia, Pa., November, 1905:

Vaughan's Seed Store offers silver cup, value \$25, for the best specimen of bush chrysanthemum plant, grown by a private gardener, which has not received any other award.

H. W. Buckbee offers H. W. Buckbee trophy, silver cup, value \$25, for the best ten chrysanthemums, one variety, open only to American and foreign introductions of 1905 and varieties not yet in commerce.

FRED H. LEMON, Sec'y.

Meetings Next Week.

Baltimore, Md.—Gardeners' Club of Baltimore, Royal Arcanum building, 18 W. Saratoga street, July 28 at 8 p. m.

Chicago Ill.—Chicago Florists' Club, Handel Hall, 40 Randolph street, July 27 at 8 p. m.

Cleveland O.—Cleveland Florists' Club, Progress Hall, 244 Detroit street, July 24, at 7:30 p. m.

Denver Col.—Denver Floral Club 323 Charles Block, July 28, at 8 p. m.

Grand Rapids, Mich.—Grand Rapids Florists' Club, Board of Trade rooms, Pearl street, July 24.

Hartford, Conn.—Hartford Florists' Club July 28, at 8 p. m.

New London, Conn.—New London County Horticultural Society, Elks Hall, July 26.

Salt Lake City, Utah.—Salt Lake Florists' Society, July 28.

Tarrytown, N. Y.—Tarrytown Horticultural Society, July 27.

Buffalo.

Retail trade is very quiet. Good sweet peas and lilies are selling well. Roses and carnations are low in quality, due partly to neglect as most growers are now busy with bench work. Asters are much later than last year and are running much to stems, owing to excessive rains.

ELKS' CONVENTION.

The past week was the busiest here for some time. The Elks' convention took place in this city and many florists from outside cities were present. George D. Hale did most of the palm and bunting decorations at the local lodge rooms and at the theater where the meetings were held. Among the visiting florists were the following: P. J. Hauswirth, of Chicago; F. D. Evans, of Dard's, New York; Louis Ross, of Fleischman's, New York; A. N. Pierson and daughter, Cromwell, Conn.; F. G. Lewis, Lockport, N. Y.; J. S. Simmons, Toronto, Ont.; Theodore Lang and daughter, New York.

NOTES.

Charles Sandiford, gardener to J. J. Albright, accompanied by his wife, has gone on his vacation.

Christian Christensen, of Eggertsville, is repainting and reglazing his plant.

R. E. Boettger is about to build a house 20x150 feet for carnations.

Joseph Speidel, of Palmer's, took a vacation last week.

L. H. Neubeck is able to be around on crutches.

Bison.

WE received a case of very fine petunias from Dorchester, Mass., last week, but the sender failed to give his name.

BECAUSE the private gardeners have received a special convention invitation from the Washington Florists' Club, a hide-bound contemporary is worried.

POEHLMANN BROTHERS, of Chicago, shipped 300,000 chrysanthemum plants and 100,000 rose plants this season. Liberal advertising and good stock always attract buyers.

PRESIDENT VAUGHAN of the S. A. F. reports that general news from many sources, reaching him officially at Chicago, now promises a large and thoroughly representative meeting at Washington.

THE trainmen of the Norfolk & Western railroad have been forbidden to wear flowers. Many trainmen have habits which are far more objectionable to the traveling public than wearing flowers.

OBITUARY.

William Hoffman.

William Hoffman, of Pawtucket, R. I., died at his home July 7, aged sixty-seven years. Mr. Hoffman was a native of Bavaria, Germany, and came to this country at the age of twenty selecting Providence, R. I. as his place of residence. He served three years in the army. He was always a lover of nature and started in the greenhouse business in Pawtucket in 1875. In 1887-88 he represented his district in the state legislature, refusing the nomination for a third term. The deceased is survived by a widow and four adult children, three sons and a daughter.

Des Moines, Ia.

J. B. O'Neil, nearly four years with Vaughan's Seed Store, Chicago, has acquired a half interest in the Morris-Blair Floral Company, a retail business which was formerly a part of the original W. L. Morris concern. W. E. Kemble, Oskaloosa, Ia., is the other member of the new firm.

W. L. Morris is now at Mobile, Ala.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with Adv.

Plant Advs. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1905 is entitled to a five-line WANT ADV. (situations only) free, to be used at any time during the year.

Situation Wanted—By a good grower to take charge. Box 359, care American Florist.

Situation Wanted—By an all-around gardener. Write E D 154 Beackler and Thompson St. New York City.

Situation Wanted—By German, 40 years of age; reliable, all-around florist; able to take charge. Box 366, care American Florist.

Situation Wanted—Young lady, with two and a-half years' experience, wishes position in retail flower store. Address Box 377, care American Florist.

Situation Wanted—As gardener, German; married, one child; seventeen years' practical experience in and outdoors; first-class references. Box 376, care American Florist.

Situation Wanted—By a capable man, to run a fair sized place on half interest, or partnership with some party who intends to sell or rent, or man to start up new, in or near Chicago. Address Box 375, care American Florist.

Situation Wanted—By a German, as manager; 20 years' experience in greenhouse work in general. Received four first-class prizes in the New Orleans horticultural exhibit. Carnations and roses a specialty. West preferred; married. Please state wages in first letter. Address Box 373, care American Florist.

Help Wanted—Three helpers in rose houses; steady position. Address J. F. WILCOX, Council Bluffs, Ia.

Help Wanted—Good all around man for general greenhouse work. Address N. C. MOORE & Co., Morton Grove, Ill.

Help Wanted—Good grower of 'mums, carnations and general stock. State wages with board. Address Box 372, care American Florist.

Help Wanted—A good grower of pot plants and carnations for retail store; also designer and decorator for stores. FRANK B. SMITH & SON, 57 Vermillion St., Danville, Ill.

Help Wanted—We have room for one or two good, experienced counter men; one especially for the market gardener's trade (German preferred). Apply with full particulars, stating age, experience and salary wanted. VAUGHAN'S SEED STORE, Chicago.

Help Wanted—Young man with thorough experience in growing carnations. References required; also state salary wanted. Address JOHN BARR, So. Natick, Mass.

Help Wanted—A first-class grower of carnations, chrysanthemums and bedding plants. References required. State wages. Address Box 379, care American Florist.

Help Wanted—Experienced seedsman for counter and orders; must be sober and have a clean record; one experienced in bulbs preferred. Box 378, care American Florist.

Help Wanted—Two men, one for rose growing and the other to grow general stock, including pot plants and bulbs. Good opening for the right men. Box 380, care American Florist.

Help Wanted—By August 7th, a good grower of snailax, carnations, 'mums and general stock. Please give references and state wages in first letter. Address HARRY T. MILLER, Salem, O.

Help Wanted—A young man with some knowledge of the garden and flower seed business, to open up such a line with a well established field seed business. Box 370, care American Florist.

Help Wanted—About August 1st, a good all-around grower and propagator of bedding plants, roses and carnations, with or without board and room. State experience and wages expected. LUDVIG MOSBAEK, Onarga, Ill.

Help Wanted—Good, steady man who thoroughly understands the growing of roses and carnations. Best of results expected. State wages expected with or without house. Address Box 381, care American Florist.

Help Wanted—A single man, with practical experience in cut flowers and pot plants; must be strictly sober and willing; able to take charge; steady place to right man, with references; \$12.00 per week. Address J. B. GOETZ & SONS, Saginaw, W. S., Mich.

Help Wanted—Gardener; large public institution; must be good grower of general bedding plants and understand handling small greenhouse. Salary \$30. house and vegetables. State qualifications fully and give references. Address COLLEGE OF INDUSTRIAL ARTS, Denton, Tex.

Help Wanted—A good working foreman for place in the neighborhood of Baltimore, where chrysanthemums, carnations and bedding stock are principally grown; must be able to take full charge; references required. Address Mrs. B. A. McROBERTS, Bellona Ave., Govanstown, Balto. Co., Md.

Help Wanted—By August, a first-class florist to manage our cut flower department; must be of good address, a hustler and a first-class salesman, decorator and designer. First-class references required. Will pay salary or salary and commission. Give full particulars, salary expected, references, and send photo if possible in first letter. TEXAS SEED & FLORAL Co., Dallas, Tex.

Wanted to Rent—Some greenhouses in good condition in or around Chicago. Address Box 380, care American Florist.

For Sale—Boiler, 4x14 feet, 53 3-inch flues; covered wagon; show case. Mrs. AUG. MARX, 1317 N. Michigan Ave., Saginaw, Mich.

For Sale or Rent—Ten greenhouses, dwelling house and barn, in good order. Address JACOB PHILLIP, Touhy and Western Av., Chicago.

For Sale—Four greenhouses, or 10,000 feet of glass, situated in public park; population of city, 50,000. Write for particulars. Address MISS L. O'SULLIVAN, Superior, Wis.

For Sale—Three greenhouses, 16x80 feet, at about the cost of the glass, in a good factory town; established trade; no competition; chance of a lifetime. J. R. JOHNSTON, Dunkirk, Ind.

For Sale—We have a number of 4 and 6-inch hot water gate valves in good condition, which we will sell at half price. Address THE GEO. WITTBOLD Co., 1657 Buckingham Place, Chicago.

For Sale or Rent—Between 25,000 and 30,000 feet of glass, well stocked and equipped, near Chicago, only responsible parties need apply; for further particulars, address GEO. HARRER, Merton Grove, Ill.

For Sale—A nine room dwelling, three greenhouses and cold frames, in university town of 6,000. Greenhouses well stocked; good trade. A death the cause of sale. For particulars address L. G. ROLLSTON, Fayetteville, Ark.

For Sale—Plot of 10,000 feet of glass, size 16x34-inches, between Buffalo and Niagara Falls, partly only two years old; \$2,750.00 for land and greenhouses, including \$200.00 worth of pots, etc.; at least \$500.00 cash.

J. PULT ESTATE, North Tonawanda, N. Y.

For Sale—A good florist business in a western city of 60,000 can be purchased at a great sacrifice. Well established trade and prospects for future bright. Is worth \$1,700, but will dispose of business for \$700 cash. Ill health cause of disposition of business. Box 217, care American Florist.

For Sale—A florist's business long established, and always owned and run by present owner. About 13,000 or 14,000 feet of glass. All home trade; dwelling and barn; will let or sell greenhouses and dwelling together or separately. Best class of trade and near Boston. Sudden illness cause of change. Address JOHN IRVING, 161 Pearl St., Newton, Mass.

For Sale or Lease—With privilege of buying, \$2,000 or \$3,000 down, or security for rent and stock. The Butler Nursery in Chillicothe, Ohio; all retail trade, which is good for miles around city. Two houses, 17x75; one house, 11x65; one house, 33x54; two houses, 17x54; two houses, 11x54; two houses, 12x54. Whole cost \$12,000.00 (and all in center of city; Good trade.) Frames heated; one less-to, 100 feet; all built within four years; cypress wood; Furman boiler; gas for fuel. Will easily make \$100.00 per week sales the year around. Houses planted to good stock; roses, carnations, 'mums. Plenty of stock on place. No repairs needed. Splendid office and pottery sheds. Wagons and horse go with it. Immediate possession. Investigation solicited. Rent for \$55.00 per month, including cottage, with gas, water and electric light all over the place, four telephones, ten call bells, system complete, and splendid chance for party with little money. Will sell for \$3,000.00 on time, or lease for \$55.00 per month, one year rent in advance, and security for rent and stock to be left at end of five years. All floral designs, ribbons, pots, stock, teams, wagons, etc., go with the place to responsible party that means business. Apply to WALTER BUTLER, Chillicothe, Ohio.

WANTED.

Capable man to take charge of growing carnations, chrysanthemums, roses and general cut stock. Business and equipment entirely new. Good position for right party. Must be able to produce best stock. Must be of temperate habits and of good character. State salary expected. Especial good chance for young man desiring advancement. Address THE CALLA CUT FLOWER COMPANY, Calla, O.

HELP WANTED.

A foreman to take charge of growing and propagating of roses, shrubs and hardy plants. Must be thoroughly competent and reliable man.

Also want a man that has had some experience in landscape gardening. Must fully understand growing and handling stock suitable for such work. Must have good education and take charge of correspondence in reference to landscape gardening.

WAGNER PARK CONSERVATORIES, Sidney, O.

For Sale at a Bargain.

Eight Greenhouses, 24 x 142 feet; Galvalut iron gutter, steam heated, size of glass 16 x 18 inches; 17,000 square feet; built only three years; stocked with Liberty Ivory, Bridesmaid and Chateaux. All in A1 condition. Also seven room dwelling on the place. Eight miles from Chicago. Will hear close investigation. Address

P, care American Florist.

FOR SALE.

A RARE BARGAIN if sold before Sept. 1st. 5,000 feet of glass, erected in 1903; all modern and fully stocked. City of 10,000, with good shipping territory. Last year's business, \$3,300.00. Trade has increased 25 per cent each year for past three years. Seven years' lease on land. Can be bought for two-thirds the amount of the original investment. Cash. Address

P. O. Box 763, Nebraska City, Neb.

NOTICE

—OF—

STOCKHOLDERS' MEETING.

CHICAGO, July 8, 1905.

Stockholders of the American Florist Company:

You are hereby notified that the annual meeting of the Stockholders of the American Florist Company will be held in the Ebbitt House, Washington, D. C., Wednesday, August 16, 1905, at 3 o'clock P. M., for the purpose of electing directors and officers for the ensuing term, and for the transaction of such other business as may come before the meeting.

J. C. VAUGHAN, Pres.
M. BARKER, Sec'y.

Winnipeg, Man.

The business of H. E. Philpott, as already noted in these columns, on Portage avenue, has been purchased by R. B. Ormiston, who has been head gardener at Government house for the past seventeen years, and H. S. Griffiths. They will erect a fine establishment on River avenue just east of Osborne street, Fort Rouge. The front of the building will be in classical style in order to be in keeping with the general high character of buildings on the thoroughfare. Work has already been commenced for the foundations.

Wholesale Flower Markets

MILWAUKEE, July 19.	
Roses, Beauty, per doz.	1.00@ 4.00
" Liberty	3.00@ 8.00
" Chateauy	2.00@ 5.00
" Bride, Bridesmaid	2.00@ 5.00
" Meteor, Golden Gate	2.00@ 5.00
" Perle	4.00@ 6.00
Carnations	1.00@ 2.00
Smilax	12.50@15.00
Asparagus sprays	3.00
" Sprenger	2.00@ 3.00
Valley	3.00@ 4.00
Adiantum	1.00
Longiflorum lilies	10.00@12.00
Gladioli	4.00@ 6.00
Sweet Peas	.30@ .50
PITTSBURG, July 19.	
Roses, Beauty, specials	20.00@25.00
" " extras	15.00@18.00
" " No. 1	8.00@12.00
" " ordinary	2.00@ 5.00
" Bride, Bridesmaid	1.00@ 5.00
" Meteor	6.00@ 8.00
" Liberties	6.00@10.00
" Perle, Chateauy	2.00@ 4.00
Carnations	2.00@ 2.00
Lily of the valley	3.00@ 4.00
Smilax	12.00@15.00
Asparagus, strings	25.00@50.00
Asparagus Sprenger	20.00@30.00
Lilies	12.00@15.00
Adiantum	.75@ 1.25
Sweet peas	.20@ .75
Asters	1.50@ 3.00
CINCINNATI, July 19.	
Roses, Beauty, per doz.	1.00@ 4.00
" Bride, Bridesmaid	3.00@ 6.00
" Liberty	4.00@ 8.00
" Meteor, Golden Gate	4.00@ 8.00
Carnations	1.00@ 3.00
Lily of the valley	3.00@ 4.00
Asparagus	60.00
Smilax	12.50@15.00
Adiantum	1.00@ 1.50
Asparagus Plumosus and Sprenger	.35c per bunch
Harrisii	12.50
Marguerites	.25
Sweet peas	.25
Gladiolus	3.00
Asters	1.00@ 2.00
ST. LOUIS, July 19.	
Roses, Beauty, long stem	2.00@ 2.50
" " medium stem	1.00@ 1.50
" " short stem	.35@ .75
" Bride, Bridesmaid	2.00@ 5.00
" Liberty	2.00@ 5.00
Carnations	1.00@ 2.00
Smilax	10.00@12.50
Asparagus Sprenger	1.00@ 2.00
" Plumosus	25.00@50.00
Adiantum	.75@ 1.00
Fancy ferns	.75@ 1.75
Gladiolus	3.00@ 5.00
Ismenes	3.00
Asters	1.00@ 2.00
Tuberose	4.00@ 6.00
CLEVELAND, July 19	
Roses, Beauty, per doz.	.50@ 3.00
" Bride, Bridesmaid	2.00@ 6.00
" Meteor	4.00@10.00
Carnations	1.00@ 2.00
Smilax	20.00
Asparagus, strings	25.00@50.00
" Sprenger	1.00@ 2.00
Common ferns	1.50@ 2.50
Sweet peas	.25

SOMETHING NEW.

Branches of the **Huckleberry Tree**—a most elegant decorative green. It is largely used by florists of the Pacific Coast, Washington and Oregon, in decorations. The branches are flat, very thickly furnished with exceedingly lustrous, green leaves, and it seems to adapt itself to almost any position in decoration that the Wild Smilax can be used in. CALDWELL the Woodsman, EVERGREEN ALA. New crop **Hardy Ferns**, now ready. Fancy, \$1.25 per 1000; Dagger, \$1.00 per 1000.

FANCY or DAGGER



Ferns

New Crop, No. 1 Stock
Only 75c per 1000.

FINE QUALITY **LAUREL BLOSSOMS**, Very Fine Pink Shades. 50c per large bundle.
GALAX, Brilliant Bronze or Green, 75c per 1000.

Use our **Laurel Festooning** for your July Decorations. It gives the best satisfaction of any decorative green at this time of the year. Sample lot on application. We make it daily, gathered fresh from the woods. Hand made, full sized, 4c, 5c and 6c per yard. Once used, always used. **Branch Laurel**, 35c per large bundle. **Princess Pine**, by the pound or made into festooning when desired.

CROWL FERN CO., Millington, Mass.
Telegraph Office, NEW SALEM, MASS. Long Distance Telephone Connection.

HARDY CUT DAGGER AND FANCY FERNS.




We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our specialties are **DAGGER**, \$1.00 and **FANCY FERNS**, All quality, \$1.00 per 1000. Discount on large orders. **BRILLIANT BRONZE** and **GREEN GALAX**, \$1.00 per 1000. Laurel Festooning, good and full, handmade 5c and 6c per yd. Green and Sphagnum Moss, \$1.00 per bbl. Sphagnum Moss, 50c per bag; 5 bags, \$2.00. Ivy Leaves, \$4.00 per 1000. Sprenger, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch or string. Leucochoe Sprays, \$1.00 per 100; \$7.50 per 1000.

We also carry a full line of Florists' Supplies such as Tin Foil, Cut Wire, Corrugated Boxes, all sizes, Folding Boxes, Ribbons, all sizes and colors, All Kinds of Letters, Wire Designs, Cycas Leaves, Etc., Etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

HENRY M. ROBINSON & CO., L. D. Phone 2618 Main. 8 and 11 Province St., Boston, Mass.

HOLTON & HUNKEL CO.,

Wholesale Cut Flowers

462 Milwaukee Street, MILWAUKEE, WIS.

J. B. Braidwood,

WHOLESALE FLORIST,
and RETAIL

COLORADO SPRINGS, COL.

All Orders Given Prompt Attention.

AMERICAN BEAUTIES.

Cut Roses—American Beauties and all kinds of Tea Roses at lowest prices. Trial orders solicited.

HELLER BROS., New Castle, Ind.
South Park Floral Company

...AN...

Indispensable Adjunct

TO a successful wholesale business is an up-to-date, accurate, complete Trade Directory. Such a book, 412 pages, containing the name and address of every florist, nurseryman and seedsman in America, horticultural supply concerns, leading foreign houses, and much other information will be mailed from this office on receipt of \$2.

AMERICAN FLORIST CO.
324 Dearborn St., CHICAGO, ILL.

E. H. Hunt,
WHOLESALE
Cut Flowers
 "THE OLD RELIABLE."
 76 Wabash Ave., ...CHICAGO.

A
Daily Cut
 from
40 to 60 Growers
ROSES, CARNATIONS,
ORCHIDS, Sweet Peas, Valley, Greens, Etc.
 Inside market quotations. Catalogue free. Most complete line of Florists' Supplies in the West.
E. F. WINTERSON CO.
 Established 1894.
 45-49 Wabash Ave., CHICAGO.



PETER REINBERG
 51 Wabash Ave., CHICAGO.
Wholesale Cut Flowers
LARGEST GROWER
IN THE WORLD.

Price List.

AMERICAN BEAUTIES—	Per doz.
Extra Select.....	\$ 4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00
15-inch stems.....	1.50
12-inch stems.....	1.25
Short stems.....	\$.75 to 1.00
Per 100	
LIBERTY.....	\$5.00 to 10.00
CHATENAY.....	3.00 to 8.00
MAIDS AND BRIDES.....	3.00 to 6.00
UNCLE JOHN.....	3.00 to 6.00
CARNATIONS.....	1.00 to 1.50

All flowers are perfectly fresh and properly packed.
 No charge for P. & D. on orders over \$5.00.

J. A. BUDLONG
 37-39 Randolph Street, CHICAGO.
WHOLESALE GROWER of CUT FLOWERS
 Roses and Carnations
 A Specialty.....

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO.
 32, 34, 36 RANDOLPH ST., CHICAGO.
 L. D. 'Phones Central 1978 and 1977.

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 WRITE FOR SPECIAL PRICES.
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Wholesale Florists
 Room 218, 51 Wabash Ave., CHICAGO.
 Telephone, Central 3284.

WIETOR BROS.
 Wholesale Growers of **Cut Flowers**
 All telegraph and telephone orders given prompt attention.
 51 Wabash Ave., CHICAGO.

D. WOOD BRANT,
 SUCCESSOR TO BRANT & NOE FLORAL CO.
 Grower of—
CUT FLOWERS AT WHOLESALE.
 Maids and Brides, 3-in. pots, \$3.50 per 100.
 Direct Shipments from Greenhouses
 W. Peterson and N. 48th Aves., CHICAGO.
 Please mention the American Florist when writing.

Wholesale Flower Markets
 CHICAGO, July 19.
 Roses, Beauty, 30 to 36-in. stems 3 00@ 4.00
 " " 20 to 24 " 2.00@ 2.50
 " " 15 to 18 " 1.25@ 2.00
 " " 12 " .75@ 1.00
 " Liberty..... 3 00@ 6.00
 " Chatenay..... 3 00@ 6.00
 " Bride, Bridesmaid..... 3 00@ 6.00
 " Golden Gate..... 3 00@ 6.00
 " Gen'l MacArthur..... 4.00@10.00
 Carnations..... 1.00@ 2.00
 Valley..... 3.00@ 4.00
 Asparagus Plumosus, per string 25 to 60c
 " sprays 2.00@3.00
 " Sprenger..... 2.00@ 3.00
 Galax Leaves, Bronze, per 1000 \$1.50
 Adiantum..... .75@ 1.00
 Fancy ferns.... per 1000 1'0" @ 1.50
 Smilax..... 10 00@12.50
 Sweet Peas..... .35@ .40
 Daisies..... .75@ 1.50
 Asters..... 1.00@ 1.50
 HARRISII..... per doz., \$1 50
 Auratum lilies..... per doz. \$1 50
 Gladiolus..... per doz. .35@ .75

Chas. W. McKellar
WHOLESALE FLORIST,
 51 Wabash Ave., CHICAGO.
ORCHIDS A SPECIALTY.
 Fancy Valley, Roses, Carnations, and a full line of all Cut Flowers, Greens and Florists' Supplies.
 Please mention the American Florist when writing.

Bassett & Washburn
 76 & 78 Wabash Ave., CHICAGO.
 Wholesale Dealers and Growers of **Cut Flowers**
GREENHOUSES: HINSDALE, ILL.
 Please mention the American Florist when writing.

Circulation
which Circulates
 The actual paid circulation of the American Florist is, we believe, the largest in its class. The contents are of real present value and are preserved for reference. Advertisers who use regularly our columns establish permanent business with the best trade in the United States.

Poehlmann Bros. Co.
 Wholesale Growers of and Dealers in **Cut Flowers**
 All telegraph and telephone orders given prompt attention.
 Greenhouses: Morton Grove, Ill.
 35-37 Randolph Street, CHICAGO.
 Please mention the American Florist when writing.

J. B. DEAMUD
Wholesale Florist,
 51 Wabash Ave., - - CHICAGO.
 Long Distance Phone, Central 3155.

THE BENTHEY-COATSWORTH CO.
WHOLESALE FLORISTS
 35 RANDOLPH ST. CHICAGO.

The Cleveland Cut Flower Company, WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

AGENTS FOR THE EVERLASTING GREENHOUSE TILE BENCH.

52 and 54 High Street,

CLEVELAND, OHIO.

Please mention the American Florist when writing.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.
FLORISTS' SUPPLIES all kinds.
Long Distance Telephone, 6268-6267 Main.

CUT STRINGS OF

Asparagus Plumosus Nanus

First-class stock, running even and full, 50c each.

W. H. ELLIOTT, - - Brighton, Mass.

—THE—
J. M. McCullough's Sons Co.
WHOLESALE FLORISTS
ALSO SUCCESSORS TO
THE CINCINNATI CUT FLOWER CO.
CONSIGNMENTS SOLICITED.
Special attention given to Shipping Orders.
316 WALNUT ST. CINCINNATI, O.
Please mention the American Florist when writing.

Wholesale Flower Markets

BOSTON, July 19.

Roses, Beauty, best	12.00@20.00
" " medium	6.00@ 8.00
" " culls	1.00@ 2.00
" " Bride, Bridesmaid	2.00@ 4.00
" " Extra	6.00@ 8.00
" " Liberty	1.00@ 8.00
Carnations	.75@ 1.50
" " Fancy	1.00@ 2.00
Lily of the valley	1.00@ 1.50
Smilax	12.00@16.00
Adiantum	1.00
Asparagus	35.00@50.00

PHILADELPHIA, July 19

Roses, Tea	3.00@ 4.00
" " extra	6.00@ 8.00
" " Liberty	4.00@12.00
Queen of Edgely, extra	15.00@25.00
" " firsts	10.00@12.00
" " Beauty, extra	15.00@25.00
" " firsts	10.00@12.00
Carnations	1.50@ 3.00
Lily of the valley	3.00@ 4.00
Asparagus	25.00@50.00
Smilax	15.00@20.00
Adiantum	.75@ 1.50
Easter lilies	6.00@ 8.00
Sweet peas	.10@ .25
Lilium auratum	.10@ .15

BUFFALO, July 19.

Roses, Beauty	4.00@25.00
" " Bride, Bridesmaid, Meteor	2.00@ 7.00
Carnations	1.00@ 2.00
Lily of the valley	3.00@ 4.00
Asparagus, strings	40.00@50.00
Smilax	12.00@15.00
Adiantum	.75@ 1.50
Sweet peas	.15@ .30

—BUY YOUR—
Cut Flowers, Florists' Supplies,
WIRE DESIGNS at
THE FLOWER GROWERS' MARKET,
60 Wabash Ave., CHICAGO

It is good business policy to mention
The....
AMERICAN FLORIST
When you write to an advertiser

Pittsburg Florists' Exchange,
WHOLESALE FLORISTS
and Florists' Supplies.
228 Diamond St., PITTSBURG, PA.
Send for weekly price list and prices on large orders.
Please mention the American Florist when writing.

J. B. MURDOCH & CO.
WHOLESALE FLORISTS,
FLORISTS' SUPPLIES.
545 Liberty Ave., PITTSBURG, PA.
Please mention the American Florist when writing.

RICE BROTHERS,
128 N. 6th St., MINNEAPOLIS, MINN.
Wholesale Cut Flowers and Supplies.
Wild Smilax | Flowers Billed at Market Prices.
Shippers of choice Cut Flowers and Greens of all kinds. Try us.

GEO. H. ANGERMUELLER
Wholesale Florist
Cut Flowers and Florists' Supplies.
CONSIGNMENTS SOLICITED.
1324 Pine Street, St. Louis, Mo.

Michigan Cut Flower Exchange,
WM. DILGER, Mgr.
Fancy Ferns \$1.00 per 1000.
Discount on regular shipments.
38-40 Miami Ave. DETROIT, MICH.
Please mention the American Florist when writing.

H. G. BERNING,
Wholesale Florist
1402 Pine St., ST. LOUIS, MO.

C. A. KUEHN,
Wholesale Florist,
1122 Pine St., ST. LOUIS, MO.
A Complete Line of Wire Designs.
Please mention the American Florist when writing.

—FANCY—
CARNATIONS and ROSES
Pittsburg's Largest and Oldest Wholesalers.
PITTSBURG CUT FLOWER CO., Ltd.
504 Liberty Ave., PITTSBURG, PA.
Please mention the American Florist when writing.

KENNICOTT BROS. COMPANY
40-42-44 Randolph St., CHICAGO.
Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.
Please mention the American Florist when writing.

Beauties and Valley } **THE LEO NIESSEN CO.**
1217 Arch St., PHILADELPHIA, PA.
On and after July 1st Store will be open from 7 a. m. to 6 p. m.
Please mention the American Florist when writing.

THE RELIABLE COMMISSION HOUSE.

JOS. S. FENRICH, 48 W. 30th St., NEW YORK.
Bell Telephone, 324-325 Madison Square.

WHOLESALE WILLIAM GHORMLEY, COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, NEW YORK CITY.

FORD BROS.

Receivers and Shippers of

Fresh Flowers

48 West 28th St. NEW YORK.

Telephone 3870-3871 Madison Sq.

Please mention the American Florist when writing.

The Only House Handling the

NEW RED CARNATION

To be Disseminated 1906. Also a Complete Line of **Choicest Flowers.**

ALEX. J. GUTTMAN, WHOLESALE FLORIST,

52 West 29th Street, NEW YORK.

Telephones: 1664-1665 Madison Square.

N. Y. CUT FLOWER EXCHANGE

Coogan Bldg., 6th Ave. & W. 26th St., New York.

Open for Cut Flower Sales at 6 o'clock Every Morning.

DESIRABLE WALL SPACE TO RENT FOR ADVERTISING.

JOHN DONALDSON, Secretary.

Please mention the American Florist when writing.

CARNATIONS My Specialty.
CONSIGNMENTS SOLICITED.

Prompt Payments. Established 1891.

Alfred H. Langjahr, 55 W. 28th St., New York.

Telephone 8924 Madison Sq.

PHIL. F. KESSLER

Wholesale Commission Florist

42 WEST 28th STREET,

Consignments solicited. **New York.**
Prompt payments.

Please mention the American Florist when writing.



Hardy Cut Ferns

Fancy or Dagger, 50c per 1000.
Sphagnum Moss, 50c per bbl.
Laurel Roping, well put together, \$1.00 per 100 yards.

All orders by mail or despatch or telephone promptly attended to.

THOMAS COLLINS,
Hinsdale, Mass.

Choice Carnations. Selected Roses.
Traendly & Schenck
NEW YORK CITY,

44 W. 28th Street, Cut Flower Exchange.
New Telephone No. 798 & 799 Madison Sq.

Please mention the American Florist when writing.

Wholesale Flower Markets

NEW YORK, July 19.

Roses, Beauty, best.....	10.00@20.00
" " medium.....	3.00@10.00
" " culls.....	1.00@ 2.00
" " Liberty, best.....	3.00@10.00
" " " " culls.....	1.00@ 2.00
" " " " Bride, Bridesmaid, G. Gate.....	50@ 5.00
" " " " Kaiserin, Carnot.....	1.50@ 8.00
Carnations.....	50
" " fancy and novelties.....	2.00
Lily of the valley.....	50@ 5.00
Lilies.....	2.00@ 2.00
Smilax.....	8.00@10.00
Adiantum.....	50@ 1.25
Asparagus.....	20.00@50.00
Sweet peas.....	.50@ 1.00

Thomas Young
WHOLESALE FLORIST,

43 West 28th St., NEW YORK.

Please mention the American Florist when writing.

Receivers and Shippers of Cut Flowers.
Consignments Solicited.

A. L. YOUNG & CO., Wholesale Florists,

54 West 28th Street,

Telephone 3559 Madison Sq. **NEW YORK.**

Please mention the American Florist when writing.

THE KERVAN COMPANY,
WHOLESALE DEALERS,

All Decorating Evergreens, Galax,
Leucothoe, Mosses, Etc.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON SQ.

Always mention the American Florist when you order stock.

Original Pioneer House—Established 1871.

JAMES HART

117 W. 30th St., NEW YORK.

Wholesale and Commission

Consignments solicited. Shipping orders promptly attended to. Phone 626 Madison.

—FLOWERS SHIPPED BY—

John I. Raynor,

Are the best product of the best growers for the New York Market.

ADIANTUM CROWEANUM sold here exclusively.

49 W. 28th St., NEW YORK.

Tel. 1998 Madison Square.

Please mention the American Florist when writing.

Walter F. Sheridan,
WHOLESALE FLORIST,

Telephone 902 Madison Square.

39 West 28th St., NEW YORK.

20 years' experience. Tel. 4878 Madison.

JOHN SELIGMAN,
WHOLESALE FLORIST

56 W. 26th Street, NEW YORK.
OPPOSITE N. Y. CUT FLOWER CO.

Everything in Cut Flowers. Consignments from growers solicited. Prompt returns. Best prices. Satisfaction guaranteed.

George Cotsonas & Co.

Wholesale and Retail Dealers in all kinds of



Evergreens.

Fancy and Dagger
Ferns, Bronze and
Green Galax.
Phone 1302 Mad. Sq.



Main Store, 45 W. 29th St., NEW YORK.

N. Lecakes & Co.

53 W. 28th St., New York.

Tel. No. 1214
Madison Square



Stands at Cut
Flower Exchange
Coogan Bldg., W.
26th Street & 34th
Street Cut Flower



Market. Specialties: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

Green and Bronze Galax Leaves, \$1.00 per 1000.

**Carnations,
Kaiserins and
Sweet Peas.**

Store closes at 6:00 p. m. until September 18th.
Saturdays at 1:00 p. m.

The Philadelphia Cut Flower Co.

1516 and 1518 Sansom Street,

PHILADELPHIA, PA.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

33 Post Street, SAN FRANCISCO, CAL.
Please mention the American Florist when writing.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873, Bell, Lindell 678.
Please mention the American Florist when writing.

DENVER.

The Park
Floral Co.
J. A. VALENTINE, Pres. DENVER, COLO.

MILWAUKEE.

C. C. Pollworth Co.
MILWAUKEE, WIS.
Will take proper care of your orders in
WISCONSIN.

Shaffer **FLORIST,**

14th and Eye Streets,

PHONE, WASHINGTON, D. C.
2416 Main.

A. Gude & Bro.
FLORISTS

1214 F St., WASHINGTON, D. C.

John Wolf
FLORIST

SAVANNAH - - GA.

Palmer's

BUFFALO,
N. Y.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Artistic Designs. * * * * *
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

Wholesale Flower Markets

ST. PAUL, July 19.

Roses, Beauty, 30-in. per doz.	3.00
" " med. " .. 1.50@	2.00
" " short " .. 50@	1.00
" Liberty	3.00@ 6.00
" Bride, Bridesmaid	2.00@ 5.00
" Kaiserin	5.00@ 8.00
" Perle	2.00@ 4.00
Carnations	1.50@ 2.50
Valley	3.00@ 4.00
Sweet Peas .....	.25@ 50
Harrisii	12.50
Smilax	15.00
Sprengerl.	2.10
Adiantum	1.00
Auratum	12.50@ 15.00
Album ruhrum, short	4.00
Coropaus .....	.50@ 1.00
Pansies .....	.50

MINNEAPOLIS, July 19.

Roses, Beauty, long, per doz.	4.50
" " med. " .. 2.50	
" " short " .. 50@	.75
" Liberty	3.00@ 5.00
" Chateauf	3.00@ 5.00
" Bride, Bridesmaid	3.00@ 5.00
" Meteor, Golden Gate	3.00@ 5.00
" Perle	3.00@ 5.00
Carnations	1.50@ 2.50
Smilax	15.00@ 18.00
Asparagus sprays	2.00@ 3.00
Valley	3.00@ 4.00
Adiantum	1.50
Common ferns per 1000	3.00
Callas	12.50
Poeries	2.00@ 3.00

CHICAGO.

P. J. HAUSWIRTH

Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

Please mention the American Florist when writing.



Please mention the American Florist when writing.

DES MOINES.

Morris-Blair Floral Co.

(W. E. KEMBLE and J. B. O'NEIL, Props.)

302 Seventh St., DES MOINES, IA.

Long Distance Telephone Connections.

Please mention the American Florist when writing.

NEW YORK.

LEIKENS

7 East 33rd St., Near Waldorf-Astoria.

Telegraph orders from any part of the country for Boxes, Flowers or Designs for deliveries at residences or steamers faithfully filled.

Please mention the American Florist when writing.

GEO. H. COOKE,
FLORIST

Connecticut Avenue and L Street,
WASHINGTON, D. C.

Please mention the American Florist when writing.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.

Please mention the American Florist when writing.

GALVESTON.

Mrs. Chas. Eickholt,
2319 AVENUE M,
GALVESTON, TEXAS.

Cut Flowers, Floral Designs, Decorations.

Telephone 1087. All mail, telegraph or telephone orders promptly and artistically filled.

Please mention the American Florist when writing.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.
Phone 1601 and L. 1682.

Please mention the American Florist when writing.

SPRINGFIELD.

Mark Aitken
FLORIST.

378 Main St., Springfield, Mass.

Please mention the American Florist when writing.

ALEX. B. GARDEN,

441 Center Market, WASHINGTON, D. C.

Carnations, Roses, etc.

Wholesale and retail. Telegraph or phone.
Please mention the American Florist when writing.

MILLS THE FLORIST,

36 W. Forsyth Street,
JACKSONVILLE, FLA.

Please mention the American Florist when writing.

ATLANTA FLORAL CO.

41 Peachtree Street, ATLANTA, GEORGIA.

SPECIALS

- Long Beauties.....\$25.00 per 100
- Fancy Roses.....\$5.00 to 6.00 per 100
- Asters..... 1.50 to 2.00 per 100
- Auratum..... 12.50 per 100

DURING JULY AND AUGUST

The best stock will be the cheapest stock to buy. We can give it to you in **ROSES** and **CARNATIONS, LILIES, Etc.** Extra care in selecting and packing has made our summer business larger.

OUR STORE CLOSSES AT 5 P. M., DURING JULY AND AUGUST.

A. L. Randall Company,

19 Randolph St., CHICAGO.

Araucaria Excelsa

OUR SPECIALTY.



Fill your empty houses now, and make 100 per cent on your money while you are asleep.

Notice.—When you undertake anything, do it well or not at all. This is our motto, adopted ten years ago, when we imported the first lot of this well known pot plant, the Araucaria Excelsa, from Belgium. These everlasting green foliage pot plants are

growing more in favor by the tasteful plant buyers of the land from year to year. Please watch the growth of our importations during the last ten years: First year, 100; second, 250; third, 500; fourth, 1,000; fifth, 2,000. Now this year, 1905, is our **tenth anniversary** since we began importing them, and they have grown up to 5,000, this spring's importation.

All these are grown for me under contract by an Araucaria specialist in Belgium. I must say, for the benefit of my customers, that they were never before so nice and large for the money as this year.

I herewith quote you special low prices on them for cash:

- 5 1/4-in., 10 to 12 ins. high, 2 years old, 3 tiers.. \$.50
- 5 1/4-in., 12 to 14 ins. high, 2 years old, 3 to 4 tra. .60
- 6-in., 14 to 16 ins. high, 3 years old, 3 to 4 tra. .75
- 6 1/4-in., 18 to 20 ins. high, 3 years old, 4 to 5 tra. 1.00

Araucaria Compacta Robusta, unusually large, very beautiful, four sizes, \$1.25 \$1.50, \$1.75 and \$2.00; **Glauca**, \$1.00, \$1.25 and \$1.50, each.

Kentia Fosteriana, 30 to 36 inches high, 4-yr. old, \$1.00; 4-year old, 25 to 30 inches, 75c.

Belmoreana, 4-year old, 25 to 30 inches high, \$1.00 each. Above is the size entered in the Philadelphia custom house. Made up plants, one large one in center and three smaller ones around, 7-inch pots, \$1.50 to \$1.75 each.

Ficus Elastica, 4-in., 25c; 5 to 5 1/2-in., 30 to \$.40

Adiantum Cuneatum, Maidenhair fern, 4-in., very strong,..... .12

Asparagus Plumosus Nanns, 2-in., strong, per 100..... 5 00

Cocos Weddellaana, 3-in. (doz. or 100)..... .15

Arcia Lutescens, 3/4 to 6-in. pots, 25 to 30 inches high, hue, each..... \$.40 to .50

Boston Feros, 5-in., 30c, 35c and 40c each.

Cash with order, please. All goods must travel at purchaser's risk. Mention if pots wanted.

GODFREY ASCHMANN,

Importer and Wholesale Grower of Pot Plants.

1012 Ontario St., PHILADELPHIA, PA.

ROSES! ROSES!!

Kaiserins in 2 and 3-inch rose pots.

Woottons in 2 and 3-inch rose pots.

Perles in 2-inch rose pots.

La Detroit in 2 and 3 inch rose pots.

As we have other varieties.

SPECIAL—Uncle John and Chatenay.

Order a 100 of each for trial.

GEO. A. KUHLL, Pekin, Ill.

Always mention the American Florist when you order stock.

FIELD GROWN CARNATIONS Ready for Shipment.

Our plants being from **EARLY PROPAGATION**, are **EXCEPTIONALLY LARGE** for this season of the year, thereby enabling us to make shipments earlier than heretofore, and beg to quote the following:

	Per 100	Per 1000		Per 100	Per 1000
MRS. LAWSON , pink.....	\$5.00	\$45.00	FLAMINGO , red.....	8.00	75.00
MRS. NELSON , pink.....	5.00	40.00	MRS. INE , red.....	5.00	40.00
TRIUMPH , pink.....	5.00	40.00	ROOSEVELT , crimson.....	5.00	40.00
BOSTON MARKET , white..	6.00	55.00	HENRY FENN , crimson....	5.00	40.00
FLORA HILL , white.....	5.00	40.00	GUARDIAN ANGEL , pink..	4.00	30.00

If you are looking for a good profitable White Carnation, be sure and order **BOSTON MARKET**. It leads by far all others, being the most called for White Carnation on this market.

All plants guaranteed to be in **A 1 Condition**, free from stem rot or disease of any kind, and if not found to be fully as represented, we agree to make refund upon return of any unsatisfactory shipment.

5 per cent discount on lots of 5,000 or over; 10 per cent discount on lots of 10,000 or over will be allowed from above prices.

ROSES

To clean out we are offering at a very low price the following rose plants, which are in good condition:

	Per 100	Per 1000		Per 100	Per 1000
AMERICAN BEAUTY			BRIDESMAIDS , 2-in.....	\$2.50	\$30.00
BENCH PLANTS	\$3.50	\$25.00	UNCLE JOHN , 2-in.....	2.00	15.00

Satisfactory references required otherwise shipments will be sent C. O. D.

J. A. BUDLONG, CHICAGO.

37-39 Randolph Street,

Please mention the American Florist when writing.

Poehlmann Bros. Company,

Commercial Growers, Morton Grove, Ill.

Roses.

	2 1/4-in.	3 1/4-in.
American Beauty.....	\$5.00	\$45.00
Chatenay.....	4.00	30.00
Uncle John.....	4.50	40.00
Bride.....	4.00	35.00
Perle.....	4.00	35.00
Sunrise.....	4.00	35.00
Bridesmaid.....	4.00	35.00
Golden Gate.....	3.50	30.00

Stevia.

Rooted cuttings, per 100.....	\$ 1.50
Rooted cuttings, per 1000.....	12.50
2 1/2-in., per 100.....	2.50
2 1/2-in., per 1000.....	22.50

Orders for less than \$2.00 not accepted.

Headquarters for Finest Cut Roses, Carnations and Other Cut Flowers.

Poehlmann Bros. Co., Morton Grove, Ill.

Please mention the American Florist when writing.

ROSES. ROSES.

Clearance Prices.	Choice Plants.	100.	1000
Brides, Maids, Meteors, 3-in.....		\$3.50	\$35.00
Golden Gates, Hermosa, Sculpt.....		4.00	37.00
Brides, Meteors, Hermosa, 2 1/4-in.....		2.25	20.00

Exceptional value at these low rates. Order soon. It will not stay with us long at such prices.

FIELD CARNATIONS READY. Lawson, Joost Norway, Prosperity, Crane and Armazindy, at \$5.00 per 100. **W. H. GULLETT & SONS, Lincoln, Ill.**

Please mention the American Florist when writing.

ROSES and 'MUMS

500 Wm. Duckham; 500 Ben Wells, from field plants, are branched 3, 4 and 6-inches high, \$1.00 per 100; \$35.00 per 1000. 2,000 own root roses, Brides, Maids and Gates, from 2 1/4-inch pots, strong and healthy plants, \$1.00 per 100; \$35.00 per 1000. Cash with order please.

R. ENGELMANN & SON, Pittsfield, Mass.

Please mention the American Florist when writing.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

W. H. Grenell, Pierrepont Manor, N. Y.
 Pres.; L. L. May, St. Paul, Minn., First
 Vice-Pres.; C. E. Kendall, Cleveland, O.,
 Sec'y and Treas. Twenty-fourth annual
 convention at San Jose, Cal., 1906.

For additional seed trade matter, see page 1156.

This is the time to fumigate the seed and bulb warehouses.

LOMPOC, CAL., is headquarters for the growth of mustard seed in the United States.

SEDALIA, Mo.—L. H. Archias and wife have returned after a six weeks' trip on the Pacific coast.

W. BRUCE, of Vaughan's Seed Store, Chicago, has the sympathy of numerous trade friends in the loss of his wife, which occurred July 15.

TEMPLE, TEX.—Fire July 4 destroyed the Barclay & Bessonette Company's wholesale stock of seeds and other goods to the value of \$5,000.

LEONARD H. VAUGHAN, of Chicago, and Miss A. G. Wilkens were married July 19 and will sail for Bremen on the S. S. Pennsylvania July 22.

SANTA CLARA, CAL.—The weather is very warm here, the temperature exceeding 100°. A continuance of it will work further injury to the onion seed crop.

ARTHUR H. LUCK, with the Iowa Seed Company, Des Moines, Ia., and wife passed through Chicago July 13 enroute to Europe. Mr. Luck will visit the German seed farms.

SAN BERNARDINO, CAL.—A. J. Downer, of the Downer Seed and Plant Company, reports that business has been very good this season, with an unusually strong demand for fruit and ornamental trees.

WM. S. GILBREATH, of the Wm. S. Gilbreath Seed Company, Indianapolis, Ind., was elected to serve a four year term on the board of governors of the Indianapolis board of trade at the recent election.

Baltimore.

It is only within a day or two that the phenomenal rains which have visited us throughout all the month of July have abated and now we are having torrid temperatures, the mercury remaining in the neighborhood of the nineties. Notwithstanding, trade keeps up fairly for the season, and there is some demand for cut flowers, good grades of which are hard to secure. Last week there were funerals of some prominent people, calling for considerable quantities. Outside of this and the necessary stocking up of the stores, there is only the usual midsummer routine business, many persons being out of the city and pretty nearly all social functions being at a standstill.

3,700 ACRES OF GARDEN SEEDS
 IN CULTIVATION.

Braslan Seed Growers Co.
 Wholesale Seed Growers.

SAN JOSE, CALIFORNIA.

Frank Fritz, for several years foreman with Samuel Feast & Sons, has left their employ and is building three green-houses, each 21x150 feet, near Frederick road, and is planting them in tea roses, Asparagus plumosus, etc.

S. B.

Garden Magazines Galore.

There is an extraordinary outbreak of luxurious new magazines treating on garden lore and topics concerned with country life. All are lavishly illustrated, and printed with much elegance. The price of a single number of some of the issues would pay half a year's subscription to The R. N.-Y. Every imaginable subject of garden cultivation is treated by ready writers, more or less familiar with the topic, and exemplified with kindergarten half-tones, showing all phases of the work. These magazines are attractive and highly useful in encouraging a liking for country recreation and pursuits, but it can scarcely be denied their tone is that of airy certainty in dealing with vexed cultural problems. It will not do to dwell on the horticultural heartaches likely to result from a too close adherence to the instructions of cocksure contributors. Rather, let us consider the real impetus to the appreciation of country life and its endless pleasurable resources. The commuter, the cottager, the amateur, and the town dwellers of moderate means are interested and encouraged as never before to dally with the fascinating arts of horticulture and gardening. Much good will flow from this great increase of ornate suburban literature, but it cannot yet be claimed to touch the real interests of actual tillers of the soil. Dealers in seeds, trees, implements and plants, however, are reaping a golden harvest, and it is likely their sales this season will be record breaking. Buy one or all—as many as you can afford—of these beautiful garden magazines; read, examine and criticize, but before you greatly enlarge your planting ventures be sure to consult your best local authority as to possible difficulties and complications.—Rural New Yorker.

H. N. Bruns
VALLEY Finest Cold Storage Pips.

1409-1411 West Madison Street,
 CHICAGO, ILL.

Fall Bulbs

Best Quality, Low Prices.

Send us a list of the varieties wanted, stating quantity of each and let us quote.

JAMES VICK'S SONS,
 Rochester, N. Y.

TOOLE'S PREMIUM
American Pansy Seeds

NOW READY. Sow in July and August for winter flowers or cold frame plants. The most complete list of varieties and mixtures grown by anyone in America described in our catalogue, which is sent with "How to Grow Pansies"

Free to any address. Extra choice, mixed, 100 per pkt.; ½ oz., 50c; ¼ oz., 75c; per oz., \$2.75. Selected, mixed, 15c per pkt.; ½ oz., 70c; ¼ oz., \$1.20; per oz., \$1.00. Hesperian mixture, 25c. per pkt. Trade pkts., containing triple quantity, double price. Write to

WILLIAM TOOLE, Pansy Specialist,
 Pansy Heights, Baraboo, Wisconsin.

FLORISTS' BULBS.

Best grade only. Import orders now booked. Write for prices.

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Market and Fancy Strains.

New crop seed of those well-known, unrivalled Pansies ready now, in trade packages, at \$1.00 each, either strain.

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The Jennings Strain of finest American grown Pansy Seed now ready. Saved from finest selected stock. Large flowering and fancy colors in great variety. By mail, 1 oz., \$5.00; 3 oz., \$12.00; 1 pkg., 3000 seeds, \$1.00; 1 lb. prices on application. Plants ready in September. Cash with order.

E. B. JENNINGS, Lock Box 254, Southport, Conn.
 GROWER OF THE FINEST PANSIES.

PANSY

HOLMES' MAMMOTH EXHIBITION STRAIN.

Positively Unsurpassed in Size and Markings. New crop seed in any quantity.

Special Price for trial package (1000 seeds) 75c; Trade packet (2,000 seeds) \$1.25. Write for special wholesale prices on larger quantities. Satisfaction guaranteed or money refunded. Send your list of Fall Bulbs for special quotations.

Holmes Seed Co. **SEED**
 HARRISBURG, PA.

PANSIES

SWEET SCENTED
LARGE SPOTTED GIANTS

A new giant-flowered race, most brilliant colors, flowers up to 2½ inches in diameter, best for beds and cut flower work. 1000 seeds, 25c; ½ oz., 75c; 3¼ oz., \$6.00.

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ELITE MIXTURE

Composed only of Giant Trimardeau, Cassier, Bugnot and Germania. 1000 seeds, 20c; ½ oz., 50c; 3¼ oz., \$3.75.

For \$1.00 we will send 10 packets of our largest giant-flowering sorts free to the U. S. for trial. Terms: Cash with order. Catalogues free on request.

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Specialty Seed Growers,
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A Trial Order Will Be Sufficient to Make You a Permanent Customer.



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ARE BEST BY TEST...

NEW CROP SEED IS NOW ARRIVING.

Vaughan's Giant Named Varieties:

10 PER CENT SPECIAL Cash Discount
On orders over \$2.00 for Flower Seeds if the cash is enclosed 10 Per Cent.



	Trade Pkt. 1/8 oz. Oz.		Trade Pkt. 1/8 oz. Oz.
Giant White , very large, with violet eye.....	.80 .10 .80 .20 \$1.20	Giant Diana , cream color.....	.10 .25 1.50
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.. Adonis , light blue with a white center, very fine ..	.10 .40 1.50	.. Emperor William , dark navy-blue.....	.10 .20 1.25
.. Auricula Colors , metallic shades.....	.10 .20 1.25	.. Yellow , immense flowers with dark eye, 4 oz., \$4.25 ..	.10 .20 1.25
.. Black , large, true black ..	.10 .20 1.25	.. Cassier , 3 spotted.....	.15 .35 2.00
.. Beaconsfield , upper petals light lavender, lower ones deep rich purple, almost black.....	.10 .20 1.20	.. " 5 spotted, an Al strain.....	.25 .45 3.00
.. Bronze , rich shades.....	.10 .20	.. Bugnot , the flowers are of enormous size, perfectly round, of great substance.....	.25 .60 4.50
.. Freya , deep purple violet, with a white margin ..	.10 .20 1.30	Giant Bride maid. The flowers of this new variety are very large and of fine form. Its ground color is a Rosy White, rivaling in delicacy and beauty with the finest Apple-blossom, and most strikingly setting off the dark blotches of the center. Trade Pkt., 25c; 1/8 oz., 50c; Oz., \$3.75.	
.. Mme. Perret , lovely shades of pink and rose ..	.20 .50 2.00	Giant Psyche . Each flower is elegantly curled and undulated and in every respect a beauty in form and color. The characteristic five velvety violet blotches or eyes are surrounded by a broad white edge. Trade Pkt., 50c; 1/8 oz., 80c; Oz., \$5.00.	
.. President Carnot , fine blotched white.....	.10 .25 1.60	Giant Pretiosa . The flowers of this novelty are similar to those of the Masterpiece Pansy. Each petal is marked with a very large blotch of deep violet color, these blotches are surrounded by a brilliant crimson rose background and the ground color is margined with a pure white edge. Trade Pkt. (250 seeds), 25c.	
.. President McKinley , fine blotched yellow.....	.10 .25 2.00		
.. Pink , lovely shades of pink, same as Hydrangea ..	.10 .25 2.00		
.. Purple , very large, rich deep purple.....	.10 .20 1.20		
.. Violet Blue , a very pleasing shade.....	.10 .20 1.20		
.. Striped , mahogany, striped, and flaked white ..	.10 .20 1.20		
.. Parisian Striped , stripes are broader and louder than the preceding, a good seller.....	.10 .20 1.30		
.. Purple King , a good new sort.....	.10 .25 1.50		

Special Mixtures:

VAUGHAN'S INTERNATIONAL PANSIES—The Worlds' Best. This is a combination of as many separate colors, types, blendings and unique kinds as can be found in the world. **It is the best general mixture in existence** and is most widely known and popular. Price per Oz., \$10.00; 1/2 oz., \$5.00; 1/8 oz., \$1.50; trade pkt., 50c.

CHICAGO PARKS BEDDING PANSIES. "Choice mixed," pkt., 10c; 1/4 oz., 30c; oz., 75c; 4 oz., \$2.50.

VAUGHAN'S "ELITE" MIXTURE. This is not a complete mixture like our International; it does not contain any pure white, yellow or any self colors, nor any other of the well known kinds. It is comprised of the cream of four Pansy specialists' choicest and most expensive mixtures and such new and novel kinds as listed above. Trade pkt., 50c; 1/4 oz., \$1.00.

NEW ORCHID--FLOWERED PANSIES. A most interesting type of Pansies of the Giant Flowered Class, containing a mixture of the most surprising novel, unique and beautiful color combinations. The upper petals are upright and sort of plaited, which gives the flowers their resemblance to orchids. The colors range in the terra cotta shades as well as in the flesh orange, rose, pink and lilac. Trade Pkt. (250 seeds), 25c.

IMPROVED GERMAN MIXTURE. This is a mixture of three strains from different German growers, and is made up mostly of separate colors, with a sufficiently large percentage of white and yellow. Per large pkt., 10c; 1/8 oz., 20c; 1/4 oz., 30c; oz., \$1.00.

VAUGHAN'S "GIANT PANSY MIXTURE." This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain with its delicate veinings. We have spared no expense to secure the newest, richest and finest sorts. Price. 1/4 lb., \$14.00. Oz., \$4.00. 1/8 oz., 60c; trade pkt., 25c.

VAUGHAN'S PREMIUM PANSIES MIXED. Embraces all the varieties of the Fancy German Sorts. Per pkt., 25c; 1/8 oz., 80c; 1/4 oz., \$3.00; oz., \$5.50.

MASTERPIECE—NEW GIANT CURLED. This strain comes nearer to "Double Pansies" than anything ever introduced under that name. In reality the number of petals is the same as that in other Pansy flowers, but they are crimped and curled in such a fashion that the flowers appear double. The flowers are of enormous size, often 3 inches across, and the color variations and combinations are odd and striking. Trade pkt., 50c; 1/8 oz., 75c; 1/4 oz., \$1.35; Oz., \$5.00.

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14 Barclay Street, NEW YORK.

MUSHROOM SPAWN.



Frequent importations from England. Always fresh and lively.

J. J. STYER, Concordville, Pa.



Mushroom Spawn Fresh Importation. FERTILE. PRODUCTIVE.

English in bricks, per 100 lbs., \$6.00 f. o. b. New York; \$6.50 f. o. b. Chicago. Write for prices on quantity.

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FORCING LILACS.

Best German Pot-Crown in white and blue sorts; also the field-grown Paris de Marly, imported to order, for fall delivery. Let us appraise your wants.

AUGUST ROLKER & SONS, 31 Barclay St., NEW YORK, P. O. Box 752.

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WHEN BUYING MUSHROOM SPAWN Buy the Best You Can Get

We Grow Mushrooms. We are headquarters for "PURE CULTURE" SPAWN and importers of ENGLISH MUSHROOM SPAWN. Write us and we will send you free of charge valuable information on the subject. Fresh Supply of Spawn Every Month.

KNUD GUNDESTROP & CO., MUSHROOM SPECIALISTS.

4273 Milwaukee Ave., CHICAGO.

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LEONARD

ONION SETS. Our plantings for the new crop are now completed.

We take orders now for delivery this fall or next spring.

Write for Prices.

SEED

Flower Seeds and Bulbs

Wholesale Seed Growers.

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now. Beans, Peas and Garden Seeds. WRITE FOR PRICES.

TURNIP SEED. TIME TO BUY NOW. Get Our Prices.

CO. CHICAGO

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The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

Emory Albertson, Bridgeport, Ind., Pres.;
Orlando Harrison, Berlin, Md., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirty-first annual convention, Dallas,
Tex., 1906.

WINNIPEG, MAN.—Rowe & Curtis, of Portage la Prairie, will start a nursery at Summerland, B. C.

S. W. FLETCHER has resigned from Cornell agricultural college to accept a position in the horticultural department of the Michigan agricultural college at Lansing.

Moving a Giant Elm on Rollers.

A beautiful specimen of the American elm was moved in Milwaukee, Wis., by Alexander Klokner, landscape architect, in the manner shown in the illustration. To vacate a lot where a street was to be cut through it became necessary to cut down the tree or to move it sixty-five feet toward the east. It was decided to move it, the work being carefully laid out by Mr. Klokner, and six men accomplished it in two days. In spite of the sandy loam which constituted the ball it arrived at its destination in perfect shape. This was due largely to the unusual amount of fibrous roots which were kept constantly moist during the journey. The foliage never showed any ill effects from the moving. Rollers were put under the ball and the tree was carried along as easily as moving a house. "The people who lived near the tree were indignant at our work," said Mr. Klokner, "but their bet was met and we did the smoking. The tree to-day is as beautiful as ever. The cost of the moving was \$34."

Tarrytown, N. Y.

The Tarrytown Horticultural Society held its regular monthly meeting June 27. Three new members were elected and two names proposed for membership. The prize this month was given for the best collection of outdoor flowers, shrubs included. Several fine collections were staged, the winning lot coming from Greystone, Samuel Unter-

meyer's place at Yonkers, his gardener, John Featherstone, staging over sixty varieties. The F. R. Pierson Company exhibited a number of beautiful varieties of iris, also some of newer climbing roses, all of which were very much admired. It was decided to hold the annual outing in August. Rye Beach was selected, it being the most accessible to the majority of the members.

WILLIAM SCOTT.

Louisville.

The past week was about as poor as could have been expected with many, a decoration or two and a little funeral work being about all that was doing. The weather has been very warm, and we have had considerably more rain than we desired. Good roses can be had in satisfactory supply and move well. Carnations are about at an end, the stock with very few exceptions being very poor. Asters have begun to arrive in small quantities. The summer blooming lilies are plentiful, but are not in demand. Sweet peas can still be had here and there, but their demand is about over. Green goods with the exception of smilax are plentiful.

FLORISTS' SOCIETY MEETING.

The regular monthly meeting of the Kentucky Society of Florists was held July 11 at Anders Rasmussen's place, New Albany, Ind., with a very encouraging attendance. Mr. Rasmussen having so much for the entertainment of the society, the business meeting was declared off. After refreshments, the party went to Glenwood park, where the bowling alleys were engaged. Two interesting games were bowled, in which President Baumer captured the prize from Secretary Schulz by one pin.

F. L. S.

Omaha, Neb.

The Nebraska Florists' Society will hold its annual picnic July 27 at Courtland Beach. The committee, consisting of J. Hess, L. Henderson, J. Batti and P. B. Floth, has made arrangements with the Courtland Beach management in regard to refreshments, etc.

Business is very quiet now. We are having hot weather now with plenty of moisture, and the outdoor stock looks fine. Most of the florists have finished planting roses and have commenced with the carnations.

GRIPPE.

Cottage Gardens Co. Inc.

QUEENS, LONG ISLAND, N. Y.

SPECIALISTS:

PEONIES, CARNATIONS AND SPECIMEN NURSERY STOCK

Paeonias and Perennials

PAEONY MANUAL 30 cents; GOLD MINE IN FRONT YARD, \$1.00.

LEARN HOW TO IMPROVE YOUR PLACE.

C. S. HARRISON,
SELECT NURSERY - YORK, NEB.

Please mention the American Florist when writing.

EVERGREENS Large Assortment.

Specialties—White Pine, Hemlock and Large Evergreens. Spring List for details.

Andorra Nurseries,

Wm. Warner Harper, Prop. CHESTNUT HILL, PA.

Please mention the American Florist when writing.

D. & C. ROSES Are the Cheapest Because they Are the Best.

We carry in stock upwards of a thousand different varieties, consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of American origin; stock from 2½ and 4 and 5-inch pots. Send us your list of wants to-day. Ask for catalogue, free.

Rose Growers,
The Dingee & Conard Co., WEST GROVE, PA.

Please mention the American Florist when writing.



Send to **THE MOON**
Company
For } Trees, Shrubs, Vines
Your } and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO.
Morrisville, Pa.

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A FEW GOOD THINGS YOU NEED.

Roses for forcing and outdoor planting. Rhododendrons for forcing and outdoor planting. Clematis in leading varieties. Hydrangea P. C. in all sizes. Boxwood in different sizes. Azalea Mollis very cheap. Lilac for forcing and field-grown stock. Deutzia Grandis, strong plants at a bargain, and other good things for Nurserymen and Florists; very reasonable prices. Wholesale catalogue mailed free upon application.

W. VAN KLEEF & SONS, Boekoop, Holland,
Wholesale Growers of Nursery Stock.

PEONIES 200 Choicest Varieties. Large Stock.

LILIES, Hardy Sorts, about 40,000 bulbs.
GLADIOLI, in fine named and unnamed sorts.
DAHLIAS, Richardias, Madeira Vines.
SUGAR MAPLES, 6 inches to 10 feet, 100,000.
CATALPA speciosa seedlings. BLACK LOCUST seedlings. List in season.

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PEONIES.

Wholesale and retail catalogues ready for distribution. Sent free on application. All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.

PETERSON NURSERY,

503 W. Peterson Ave., CHICAGO.

PÆONIAS.

Per 100
White, generally called Queen Victoria \$ 9.00
Festiva Maxima 30.00
Fragrans, the bloom producer 6.00
For 1000 rates and other varieties, write

GILBERT H. WILD, Sarcoxie, Mo.



MOVING A LARGE TREE ON ROLLERS.

The Storrs & Harrison Co.

PAINESVILLE NURSERIES.
CATALOGUES AND PRICE LISTS
FREE ON APPLICATION.

PAINESVILLE, OHIO.
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CHOICE ROSE STOCK

From 2 1/4 and 3 1/4-inch pots.

Killarneys, Brides, Bridesmaids.
Write for prices.

JOHN YOUNG 51 West 28th St.
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Te ephone, 4463 Madison.

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G. FRETS & SONS Succ. to
G. KOSTER & SONS
Nurseries, BOSKOOP, HOLLAND.

Rhododendrons, Azaleas, Magnolias, Lilacs
(pot grown), Hardy Evergreens, etc.

We beg to call your special attention to our rich
assorted stock of conifers and specimen plants.
Inspection invited. Catalogue, 1905-1906, free on
application.

Please mention the American Florist when writing.

Baby Rambler

The Always in Bloom Rose. 2 1/4-in., \$2.50 per
doz., \$15.00 per 100, \$125.00 per 1000; 3-in., \$3.50
per doz., \$25.00 per 100; 4-in., \$6.00 per doz.

THE CONARD & JONES CO., West Grove, Pa.
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Jacs Smits, Ltd. NAARDEN.
(Holland.)
(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy, Fancy,
Ornamental
nursery stock, pot-grown forcing plants. Lilacs
a specialty. Berlin and Hamburg Valley—the
best quality. Catalogue free on demand.

When in Europe please inspect our nurseries.
NAARDEN-BUSSUM, near Amsterdam, is our R. R. Depot.
Please mention the American Florist when writing.

A NEW POPPY

Princess Victoria Louise

Was awarded the gold medal at the International
Exhibition at Dusseldorf, 1901, and a Certificate
of Merit by the Horticulturists' Association of
Germany. Splendid salmon colored cut and
garden flower; strong, 3 year old plants (no
cuttings), each 4c, direct from the grower, in
larger quantities, 36c each.

EMIL FINGER, Hamburg, 21, Germany,
HORTICULTURIST.

Am willing to place the agency for this novelty
with a well-known firm, offering suitable terms.
Please mention the American Florist when writing.

TREES

Fruit Trees, Small Fruits, Ornamental Trees,
Evergreens and Shrubs, Shade Trees, Hardy
Roses, Hardy Plants, Climbers, etc. The
most complete collections in this country.

Gold Medal—Paris—Pan-American—
St. Louis. 102 prizes New York State
Fair, 1904.

Illustrated Descriptive Catalogue
FREE on Request.

ELLWANGER & BARRY

Mt. Hope Nurseries, Rochester, N. Y.
Drayer 1044 V Established 65 Years.

Please mention the American Florist when writing.

60,000 GRAFTED ROSES For Forcing

EXTRA FINE HEALTHY PLANTS, FREE FROM MILDEW.

LIBERTY, 3 1/2-inch pots, per 100..... \$ 18.00
BRIDESMAIDS, GOLDEN GATES, KAISERINS,
3 1/2-inch pots, \$15.00 per 100; per 1000..... 145.00

20,000 OWN ROOT ROSES

Sunrise, 3-in. pots, per 100..... \$9.00
Brides, Bridesmaids, Perles, Kaiserins, 3-in. pots,
per 100 7.00

SMILAX 2 1/2-inch pots.
Price: \$1.50 per 100; \$12.50 per 1000.

J. L. DILLON, Bloomsburg, Pa.

Please mention the American Florist when writing.

PAEONIAS.

We carried off the first prize for our exhibit of 100 blooms of **Festiva Maxima**, the grandest
white Paeonia in existence

We have a large stock of the true **Festiva Maxima** for September and October delivery;
clumps average 3-7 eyes, at 10c per eye.

Write us for your wants in Paeonias. We carry the best cut flower sorts at reasonable prices.

VAUGHAN'S SEED STORE 84-86 Randolph St., CHICAGO.
14 Barclay St., NEW YORK.

Greenhouses and Nurseries, Western Springs, Ill.

C. R. HILLS, Grand Rapids, Mich.

Le Detroit, Cheteny and Sunrise, 3-in., \$5.00
per 100.

Asparagus Plumosus Nanus, fine strong plants.
3-in., \$5.00 per 100

Primulas, all varieties, about Aug 10, 2 1/2-in.,
\$2.00 per 100.

Cinerarias, about Aug. 15, 2 1/4-in., \$2.00 per 100.

Christmas Peppers, 2 1/4-in., \$2.00 per 100.

Forget-me-nots, field clumps, \$4.00 per 100.

Aquilegia, assorted varieties, 2 1/4-in., \$2.00 per 100.

Antirrhinum, assorted varieties, 2 1/4-in., \$2.00
per 100

If It Comes From HILL'S, It's All Right.

3,500

American Beauty

PLANTS

in 3-inch pots, \$6.50 per 100;
\$60.00 per 1000. Fine strong
plants.

W. A. HAMMOND,

RICHMOND, VA.

Please mention the American Florist when writing.

Hydrangea Otaksa.

Field-grown, fine plants, \$10.00, \$12.00, and
\$15.00 per 100. A few extra fine pot-grown
plants in 5 to 9-inch pots, 30c to 50c each.
Order now for fall delivery. Cash with
order or satisfactory references.

BAUR FLORAL CO., Erie, Pa.

ROSES

**BRIDE, IVORY and GOLDEN
GATE**, extra strong stock, out of
3-in. pots, \$4.00 per 100; \$35.00
per 1000.

JOHN C. HATCHER, Amsterdam, N. Y.

ROSES

BARGAIN PRICES WHILE THEY LAST.

Per 1000 Per 1000
Bridesmaids, 2 1/4-in... \$20.00; 3-in... \$30.00
Brides, 2 1/4-in..... 20.00; 3-in... 30.00
Meteors, 2 1/4-in..... 20.00; 3-in... 30.00

The above stock is thoroughly first-class,
and is well rooted and ready for planting.

Lakeview Rose Gardens

JAMESTOWN, N. Y.

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The first special newspaper in
the world for floral arrangement.

250 ILLUSTRATIONS ANNUALLY.

Specimen number free.
Subscription, \$2.40 yearly.

BINDEKUNST-VERLAG,
J. Olbertz, ERFURT, GERMANY.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

Convention Bowling.

The following amounts have been offered as prizes in the ladies' bowling contests: A. Esch, \$25; H. F. Michell, \$40; Spilman & Son, \$10 medal; the Leo Niessen Company, vase; E. S. Schmidt, bird and cage or bowl and fish; F. W. Bolgiano, \$10.

New Orleans.

HORTICULTURAL SOCIETY OUTING.

A happy party of twenty-three florists and seven of their guests left New Orleans July 8 at 8 a. m. on board the steamer Grand Isle for a three days' outing to the romantic Grand Isle off the Louisiana coast, which place was reached about midnight. During the day different places of interest were visited and several called on their friends of former visits. Grand Isle is well known for its excellent early cauliflower and cucumbers and a large turtle farm of the diamond back species is most interesting. After a farewell dip in the surf the party boarded the steamer at 6 a. m. July 10 for the homeward trip, reaching the city at 7 p. m. by means of a much shorter route. During the entire outing breakfast and dinner were served in excellent style on board ship, and no doubt fully enjoyed by all. The banquet took place during Sunday afternoon and was the main feature of the outing.

In the absence of President H. Papworth and Vice-President C. Eble, Secretary C. R. Panter acted as toastmaster and in turn called upon many of those present to respond to toasts. These were given rapidly by all, speaking in glowing terms and earnestness of the success and steady growth of the society. This outing marks the twenty-first anniversary of the society.

Paul Chopin, Henry Kraak and Richard Eichling added largely to the pleasures of the trip by their thoughtfulness and courtesies, the latter decorating the tables with the best products from U. J. Virgin's nursery and presenting each member and guest with a handsome badge, for which he received a vote of thanks from the society.

The outing was one of the best attended and most enjoyable ever held and a special vote of thanks of the society was tendered the outing committee, which consisted of Richard Eichling, chairman; Paul Abele and M. M. de La-pouyade. CRESCENT.

Pittsburg Florists' Club.

ANNUAL OUTING.

Rain and lots of it created a dismal outlook for the club members, their families and friends, who had assembled on the boat to spend a day of diversion on the event of the annual outing of the Pittsburg Florists' and Gardeners' Club on July 12. The committee on arrangements did well in changing the old order of things, as the trip by boat and the athletic sports were entertaining and

seemed a very substantial inducement in helping to secure the largest attendance we ever had, which numbered more than 300 present. Our handsome steamer, Francis Torrence, left the wharf shortly after 9 o'clock and started up the historic Monongahela river where many points of interest were pointed out. At 1:30 the party arrived at the boat landing that lead to the grove.

The events were genuinely interesting and their systematic arrangement did away with the delays that usually attend such contests. Each event was called in its order and the prize-winner's name put on the individual event sheet, which contained the name of each contestant. Several events had to be run over and some of them as many as four times. One of the surprising features was the 100-yard dash for growers only, which John Wyland won in a good clean contest which left many younger men in the rear. The egg and the peanut races were very amusing. The baseball contest was full of snap and vim, the store team defeating the growers' team by one run, 7 to 6. The tug of war brought forth applause and encouragement from those in the grandstand and after a fine display of endurance on both sides the defeated side wavered and broke, then went pell mell over each other in the grass.

After the last event refreshments were served and the march back to the boat began and at 4:45 p. m. the boat started on her return to the city.

The various events with the winners are as follows:

- 1—Boys' race, six to eight years, 100-yard dash. Fred Burki, Jr.
- 2—Girls' race, six to eight years, 100-yard dash. Marion Langhans.
- 3—Boys' race, nine to ten years, 100-yard dash. Lucian Ahlers.
- 4—Girls' race, nine to ten years, 100-yard dash. Myrtle Kraus.
- 5—Boys' race, eleven to thirteen years, 100-yard dash. Milton Ahlers.
- 6—Girls' race, eleven to thirteen years, 100-yard dash. Margaret Coleman.
- 7—Men's race, open, 100-yard dash. Howard Carney.
- 8—Girls' race, 100-yard egg and spoon race. Miss Lease.
- 9—Men's race, 25-yard potato race. Howard Carney.
- 10—Boys' race, 100-yard bag race. Harry Ham.
- 11—Men's race, growers only, 100-yard dash. John Wyland.
- 12—Men's race, 100-yard walk. Fred Zieger.
- 14—Ladies' race, 100-yard walk. Miss Lease.
- 15—Fat men's race, 100-yard dash. E. McGrath.
- 16—Ladies' race, 100-yard dash. Miss Graff.
- 17—Young ladies' race, fourteen to sixteen years, 100-yard dash. Mary Boss.
- 17½—Men's race, 100-yard dash. F. Godman.
- 18—Peanut race, twenty yards, open. John Ubk.
- 19—Fat women's race, 100-yard dash. Miss Boss.
- 20—Young ladies' race, seventeen to twenty years. Mary Boss.
- 21—Boys' race, six to thirteen years, 25-yard hop. Joe Boss.
- 22—High jump, open. Joe Jones.
- 23—Running broad jump. Won by Howard Carney.
- 25—Baseball game, growers versus store men, won by latter, 7 to 6.
- 26—Cake walk on boat, Mr. Whelan and wife.

E. L. M.

Begonia Lafayette.—The admirable fitness of this crimson small-flowered double tuberous begonia for bedding is now well known, and so far it has not yet been excelled; but I saw plants of it the other day in 5-inch pots, not more than from twelve inches to fourteen inches in height, that I feel, were its qualities for such purpose widely known, it would soon become a most popular spring flowering pot plant. The tubers are started

in gentle warmth at Christmas, and if started early they afterwards break naturally early. Large tubers, after growth has begun in shallow boxes in sandy soil and in warmth, are easily divided with a sharp knife. The plants come into bloom at the end of April, and flower most profusely for a long time. Those I saw early in May had many richly colored double flowers on them. In the hands of trade growers such a begonia should make a first-rate market plant.—European Paper

British Seed Crops.

Vegetable Seed Crops.—The warmer and drier weather of the past six weeks has certainly operated to bring about some improvement in the crops being grown for seed production, though the high winds and tropical showers have beaten down some of the more weakly plants.

Cabbages.—There was perceived early in the year a certain weakness of development in some of the plantations, then came a forcing in time of spring, when the plants appeared to be unable to answer the demand made upon them by nature; when called upon they made growth for a time, then wilted away. There was on the whole less premature bolting to seed in spring-grown cabbages than is sometimes the case. This tendency is more prevalent on poor land than in soil of good heart. Cabbages are sown for seed purposes at any time between the middle of March and the end of May. The plants which stood the winter for seeding this summer, though much attacked in places by troublesome insects, give promise of a good crop.

Onions.—The unprecedented demand for onion seeds during the seed season, and the general shortage of the seed crop last year made it very difficult for orders to be executed. Then onion bulbs realized prices very much in advance of their usual average value, and some who had bulbs being held over for planting for seed found it more profitable to sell them on market, especially as there is always a risk in planting onions for seed. As no seed was carried over and the acreage planted for seed is very small there is every probability of prices ruling very high in the future. But the foreigner who has the advantage of a more equable climate, is now growing the finer varieties of English onions for seeds.

Radishes.—A better time for sowing radish seeds was scarcely before known. The seeds were got into the ground under the most favorable conditions, and yet vermin attacked the plants and practically ruined some of the plantations. There has been, therefore, a great scarcity of salad radishes in some quarters. Cases are known in which beds were sown, but the plants were so decimated by insect attacks that scarcely a radish was to be found in a rod of ground. The spell of northwesterly winds which happened worked all the mischief.

Peas.—The early varieties are carrying fair and in not a few cases good average crops, and under the recent dry sunny weather are ripening off nicely. We seem to be depending for garden culture especially upon the second early varieties to a greater extent than usual, and a great development can be noticed in the dwarf, dark green podded wrinkled peas; quality and flavor are generally excellent; they are of vigorous growth and great croppers. A raiser named Burbidge has done much to increase the type. There are the English Wonder, British Wonder, Wigham Wonder, Rivenhall Wonder, etc. The trade is greatly indebted to Burbidge in this respect. Omega may be said to have been the precursor of the section; Gradus, Thomas Laxton, Autocrat, and the Gladstone, not to mention others, come into this group. The Gladstone is a pea of medium growth, green-podded, and of the finest quality, reminding us of what the original Veitch's Perfection was in its palmy days. It is asserted that this type of pea gives a quite fifty per cent of increased yield. Glory of Devon comes into this group; it is a Veitch's Perfection greatly improved. The demand for such peas is always great, the supply never being equal to the demand.

Beet.—The black aphid has been much in evidence on the plants of beet for seed; they find their way to them when the plants are in bloom, and seem to suck out their life juices. The outlook as to a probable seed crop is by no means assuring.—Gardeners' Chronicle, July 8, 1905.

HANNAH HOBART The Pride of California

THE GRAND PRIZE WINNER in competition with the latest and very best products in Carnations, East or West, for the last eight years.

Mr. John A. Balmer, of Clealum, Washington, after his visit to our Nurseries in January, 1902, wrote an article which appeared in the issue of the AMERICAN FLORIST of February 15, follows:

"The Hannah Hobart is really a remarkable flower, never less than four inches, and frequently four and one-half inches across. In color it is a shade deeper than Lawson, but the petal arrangement is quite different; in this respect it most resembles the old Jubilee, but of course the color is different. I saw two large houses of it at Sievers', and the sight is one long to be remembered, hundreds of blooms and not a poor one in the lot, and everyone the exact counterpart of the other; no hurst calyxes, but every flower supported on a 24-inch stem, and standing up like soldiers. There is certainly no carnation of its color that can equal it." The above is a truthful statement of facts by a very competent gentleman, and if needing verification, the simple assertion that the flowers of this magnificent variety of Carnation have been sold wholesale as high as \$1.50 per dozen, and none less than \$1.00 per dozen to date, should be sufficient to convince anybody of its intrinsic value. The constant inquiry by everyone who has seen the plants in flower is: "When will the Hannah Hobart be for sale?" This led us at last to the conclusion to distribute the same next year, and we are ready to book orders from now on for delivery beginning Jan. 1, 1906. Send your orders in early because they will be filled strictly in rotation.

PRICE: \$3.00 per 12; \$15.00 per 100; \$120.00 per 1000.

JOHN H. SIEVERS & CO., WHOLESALE FLORISTS, San Francisco, Cal.
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MARIE LOUISE, LADY CAMPBELL, DORSETT, single,

From 2-in. pots, at \$2.50 per 100, \$20.00 per 1000.

CARNATION PLANTS, Field Grown.

	Per 100.	Per 1000
Lawson.....	\$5.00	\$45.00
Glacier.....	5.00	45.00
Estelle.....	5.00	45.00
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BEST STANDARD VARIETIES IN STOCK.

Send List for Best Quotations.

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New and Standard Varieties.

Fine plants, now ready. 2 1/2-inch pots.

Write for List and Prices.

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ROSES, from 3-inch pots, CARNATIONS, for fall delivery, CHRYSANTHEMUMS, SMILAX, VIOLETS.

In Best Varieties

Prices Low. Send for List.

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Wanted---Pelargoniums

I want to procure a collection of choice varieties. If you have anything to offer, send me list of varieties, with prices.

CHARLES H. TOTTY, Madison, N. J.

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NOW READY. Good Stocky Plants from 2-in. Pots.

Alph. Ricard.....	\$2.00 per 100	Jean de La Brete.....	\$3.00 per 100	Mme. Jaulin.....	2.00 per 100
Beaute Puitevine....	2.00 "	La Favorite.....	2.00 "	Mme. Landry.....	2.00 "
Bertha de Presilly...	4.00 "	La Pilote.....	2.00 "	Mar. de Castellane...	3.00 "
Bruanti.....	2.00 "	Le Cid.....	2.00 "	Mar. de Montmort...	2.00 "
Centaure.....	2.10 "	M. Jolly de		Miss F. Perkins.....	2.00 "
E. H. Trego.....	5.00 "	Bammeville	4.00 "	S. A. Nutt.....	2.00 "
Gloire de France....	2.00 "	Mme. Charlotte....	2.00 "	Thos. Meehan.....	3.00 "

We will send 1000 (50 each) of the above variettes for \$20.00.

CASH WITH ORDER. Send for Trade List.

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SCOTTII

The Most Graceful Nephrolepis Known

Retailers who have handled this fern are unanimous in proclaiming it the best Fern ever introduced.

Consult any grower who has bought Scottii and he will tell you that it is as far ahead of the Boston as that variety is ahead of all other introductions.

See my adv. on second cover page in American Florist of Feb. 25th.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

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LUDVIG MOSBAEK, ONARGA, ILL.

50,000 Asparagus, Plumosus and Sprenger, 3-inch,	5.00.....	2 1/4-in. Per 100	\$2.50
0,000 Smilax, 2 1/4-in.,	\$15.00 per 1000		2.00
5,000 Umbrella Plants, 4-in.,	\$6.00 per 100.....		2.50
5,000,000 Celery Plants,	\$1.00 per 1000; transplanted,		\$2.00 per 1000.

All Other Bedding and Vegetable Plants. Price List Mailed Free.

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Organ of the French Rosarians.

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The Beautiful Pink Carnation CANDACE

\$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Dissemination 1906. Early commercial.

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CARNATIONS

SPEAK QUICK.

2,000 fine strong Carnation Plants from flats hardened off outside ready to plant. Queen Louise, \$20.00 per 1000; Joost, \$15.00 per 1000; Prosperity, \$2.00 per 100; 100 and over at 1000 rates. Send for Lists. Cash or C. O. D.

BENJAMIN CONNELL, West Grove, Pa. Please mention the American Florist when writing.

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"FIANCEE"

\$15.00 per 100; \$125.00 per 1000.

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CYCLAMEN

Splendens Giganteum Hybrids.

Finest strain in the world, in five true colors, extra well grown plants, from 2 1/4-inch pots, \$5.00 per 100, \$45.00 per 1000. Satisfaction guaranteed.

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Newport, R. I.

SUMMER TRADE IMPROVES.

Since last week the summer business has improved and florists in the Bellevue avenue section especially, are looking forward to the best trade of the year between now and Labor day. The first squadrons of the North Atlantic fleet, comprising the largest number of American battleships ever brought together is in the harbor, under the command of Rear-Admiral Robley B. Evans. This, of course, has a social side and causes much activity among the florists. Sweet peas are splendid in quality, but such a flood in quantity that were it not for using them up in large decorations they could never be disposed of. In price they go at wholesale from 10 cents per 100 up; the retail rate is about on a basis of 50 cents per 100 in various sized bunches. American Beauty and Kaiserin roses are as always the backbone of the market, and go to consumers at \$4 to \$6 and \$2 to \$3 per dozen respectively. Carnations bring \$1 a dozen; lily of the valley, \$2 to \$3.50 per bunch of 25 and some fine gigas orchids, \$1 to \$1.50 each.

NEWS NOTES.

S. Nickelsen, who makes a specialty of taking care of places where no regular outside help is employed, is very busy, in fact, he finds it almost impossible to keep up with his contracts even with his large force of men.

Siebrecht & Son are showing, in their windows in the Siebrecht building, some very fine pieces of Cattleya gigas in full flower, and are cutting and selling the spikes as needed at \$1 to \$1.50 each.

Fadden has been offering this week some very nicely flowered plants of Baby Rambler, Everybody here is enthusiastic over this rose and every day adds to its popularity.

Wadley & Smythe are doing a good share of the summer business, and this week Mr. Smythe is here himself from New York, looking after their many orders.

Samuel Clow, for the last fourteen years in the employ of Mrs. Edward King, has secured a position as head gardener at Lawrence, L. I., N. Y.

Gibson Brothers have a most attractive display of yellow and white antirrhinums, also sweet peas in their Bellevue avenue store windows.

Mayor Boyle has reappointed Melville Bull a member of the park commission for five years, and Perry Belmont for two years.

Hass, at his Thames street store in the business section of the city, reports trade as very fair for this season.

Leikens has been very busy the past week with dinner decorations.

Visitors: John P. A. Guerineau, for the Schlegel & Fottler Company, of Boston, Mass., and Mr. Folger, of the Bonnie Brae Nurseries, New Rochelle, N. Y.

Albany, N. Y.

A number of the local florists are interested in the organization of a florists' club for the promotion of acquaintanceship among the members and for mutual improvement along lines of common interest. The matter of closing on Saturday afternoon is one of considerable interest in itself to the members at the present time and it is hoped that some settlement of it will be reached through the efforts of the club. It is also proposed to organize a flor-

ists' bowling team and enter the contests for honors with the other teams of the Albany Bowling League. If the interest warrants, a shooting team will be organized and put in the field to smash clay targets with other clubs in this vicinity. Patrick S. Hyde, 488 Hudson avenue, has been acting as president and secretary of the club, pro tem, and he will be grateful to the officers of similar clubs in other cities for any suggestions that may be of value in launching the new organization.

John Dingwall of Garbrance lane, who has been in the business for forty-five years, will sell out on August 1 and retire to enjoy a well earned rest. Mr. Dingwall has about 10,000 feet of glass, a comfortable home and about two acres of very fertile land. He says that his family has grown up, married and gone elsewhere and that there is no one to succeed him in carrying on the business. R. D.

Fort Smith, Ark.

One enterprise in this city that is developing rapidly is the florists' business of J. F. Johnson & Company. Mr. Johnson started in a modest way three years ago. Now, when improvements under way are completed, he will have five greenhouses—two large ones with 2,500 square feet of glass each, one with 1,600 feet and one with 1,200 feet, and the fifth a smaller house. A 40-horsepower boiler is being installed, and will heat all the greenhouses as well as Mr. Johnson's home. Natural gas will be used. Altogether the equipment is thoroughly up to date. The firm will make a specialty of carnations, roses, violets, bedding plants, cut flowers, ferns, etc.

George T. Duey, an experienced man, who came here some time ago from Chicago, is in charge of the establishment, which is more than ever a credit to the community.

J. F. Johnson & Company have furnished about 1,500 plants for the beds in Electric park.

VIOLETS.

CAMBELLS. These are in first-class condition for planting, free from disease and heavily rooted, \$3.50 per 100, \$30.00 1000.

W. H. THOMAS, CONVENT STATION, Morris Co., N. J.

Violet Stock.

Finest obtainable; ready to plant now. Imperial and Marie Louise, 2 1/4-inch pots, \$3.00 per 100; \$25.00 per 1000.

Crabb & Hunter, Grand Rapids, Mich.

Field Grown CARNATIONS

Peru and Floriana, \$5.00 per 100.

VINCAS, field grown.

Write for prices on fall delivery.

W. W. COLES, Kokomo, Ind.

GERANIUMS \$10.00 and \$12.50 per 1000.

Three acres planted for stock; rooted cuttings in any quantity after September 1.

I will guarantee them to reach you in good growing condition, and would like to book your order now. Send for list.

ALBERT M. HERR, Lancaster, Pa.

Red Sport.

The great Christmas "Hollyberry" red Carnation. Most profitable red ever introduced, and an easy doer; everybody can successfully grow it.

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Please mention the American Florist when writing.

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BOSTON FERNS

PALMS, DRACAENAS, CERANIUMS, COLEUS, and general bedding stock in large quantities. Write for prices. Cash or satisfactory references.

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BOSTON FERNS

5-inch, from bench, \$3.00 per doz.; \$25.00

per 100 Larger sizes up to \$3.00 each.

Write for complete price list.

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MIXED FERNS

2 1/4-inch pots, \$2.00 per 100.

CASH or C. O. D.

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Boston Ferns

4, 5, 6, 7, 8, and 10-inch now ready.

PIERSONI, in 6 and 10-inch, extra fine stock.

SCOTTII, specimen plants in 10-inch.

PLUMOSUS, 2, 3, 4, 5, and 6-inch.

SPRENGERI, 2, 3, 4, 5, and 6-inch.

These are stock you can make money on during Summer and Fall. Write

GEO. A. KUHL, Pekin, Ill.

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Palms and Asparagus

CHEAP.

	Per 100
Latania Bor., 2-in. pot, seed leaves...	\$ 3.00
" " 3-in. pot, 15-18 in., 3 chr. lvs...	12.00
" " 5-in. pot, 18-20 in., 3-4 chr. lvs.	15.00
" " 5-in. pot, 20-24 in., 4 chr. lvs.	20.00
Kentia Bel., 2 1/2-in. pot, 6-8 in., 2-3 leaves...	10.00
" " 3-in. pot, 8-10 in., 3-4 leaves...	12.50

SHERMAN NURSERY CO.,

CHARLES CITY, IA.

A FEW GOOD THINGS YOU WANT.

DRACAENA INDIVISA, 8, 4, 5-inch, \$5.00, \$10.00 and \$25.00 per 100.
ASPARAGUS PLUMOSUS, 8-inch \$5.00 per 100.
GERANIUMS, S. A. Nutt, Castellane, John Doyle, Perkins, Single and Double, Gen. Grant, La Favorite, Mme. Sallerol, 2-in. pots, \$2.50 per 100; 3-in., \$5.00 per 100.
VINCA VARIEGATA, 2-inch, \$2.50 per 100.
REX BEGONIAS, nice plants, 2 and 2½-in., \$5.00 per 100.
BOSTON FERNS, 5-inch, 30¢ each.
 A nice lot of **MADE UP KENTIA PALMS**, in 8-in. and 9-in. pots, at \$3.00 to \$5.00 each. Splendid plants for decoration.

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6,000 GERANIUM BRUNTI, the best scarlet bedder, strong \$1.50 per 100; \$14.00 per 1000.
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 Rooted Cuttings, prepaid. Cuttings, plants 2-in. Per 100 Per 1000
Roses, Ivory, Golden Gate 2.00
Mums, Silver Wedding 100 each, Black Hawk, Ivory, Pink Ivory, Halliday, Queen, Appleton, White Bonaffon, Niveus, Jones, etc., 2-inch, \$1.50 per 100. Cash. Direct all orders plainly to
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 July 10..... per 100, \$2.00
CINERARIA, ready September..... per 100, \$2.00

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Seasonable Stock.

IN EASTER LILIES,
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Palms, Ferns and
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ASPARAGUS PLUMOSUS NANUS

From flats, ready for 2¼-in. pots, \$12.00 per 1000
SPRENCERI, 10.00 per 1000
 Prepaid cash with order.

Large field-grown **P. Nanus**, fine for benching and will give great satisfaction, \$40.00 per 1000; 5,000 for \$35.00 per 1000, not prepaid.

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BEGONIA
Gloire de Lorraine.

2-inch pots, fine stock, \$12.00 per 100.

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American Beauty.....	\$6.00	\$50.00
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 50 000 ready to ship, all in excellent shape, and a bargain, at \$2.00 per 100; \$15.00 per 1000.

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 The best of all the Asparaguseae, and just right to ship, at \$5.00 per 100; \$40.00 per 1000.

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 A little small, but in good shape to go ahead, at \$2.50 per 100; \$20.00 per 1000.

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 A promising new sort, and worth a trial, \$5.00 per 100.

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Price list and samples on application.
Paducah Pottery,
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Just a Minute

That's how long it takes to water or syringe a greenhouse with
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 It will pay you to investigate. Write for particulars to
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 Azalea Pots, Bulb and Fern Pans, Etc.
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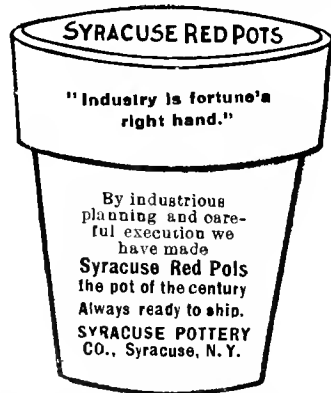
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500 4 " " 4.50	24 12 " " 4.80	320 5 " " 4.80
320 5 " " 4.51	12 14 " " 4.80	144 6 " " 4.50
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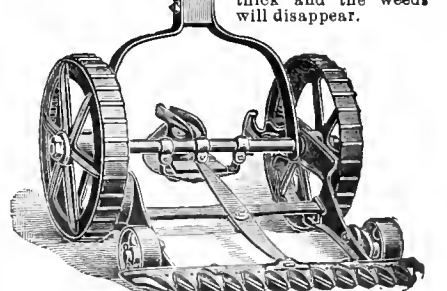
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In your issue of June 18, on page 399, I notice a good article on the Colorado Beetle or Potato Bug. For the benefit of your numerous readers I would advise them to try **Hammond's Slug Shot**. I have used it here this season, with excellent results, on Potatoes, Egg Plants, Cucumbers and Squash,—for Potato Bugs, and also for Striped Beetles, and it is the best remedy I know of, simple and effective. I purchased two of the **Dusters** which he advertised in your paper, and they are very useful articles. The best time to dust the plants is early morning, as the substance adheres much better when the dew is on. A light dusting

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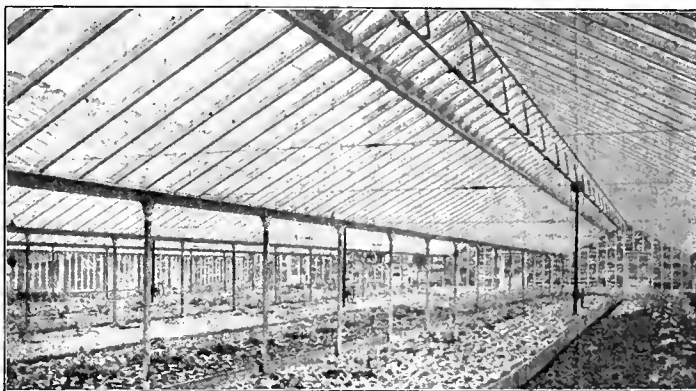
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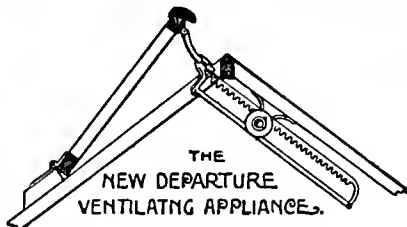
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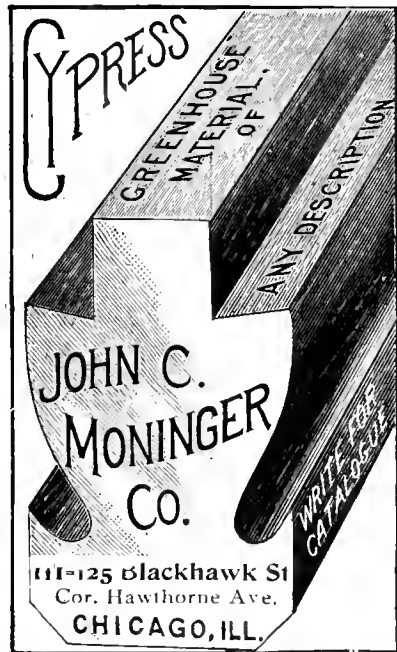


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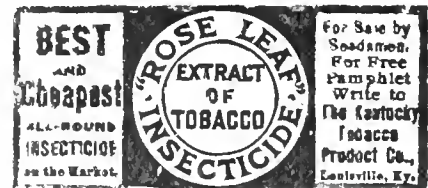
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Asparagus—A. plumosus nanus from flats ready for 2 1/2-in. pots, \$12 per 1,000; Sprengeri, \$10 per 1,000; field grown plumosus, \$40 per 1,000; 5,000 or more at \$35 per 1,000. Yalaha Conservatories, Yalaha, Lake Co., Fla.

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Asparagus—A. plumosus, 2-in., \$2 per 100, \$18 per 1,000; A. Sprengeri seedlings, 50c per 100, \$4.50 per 1,000. W. T. Buckley Co., Springfield, Ill.

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Ferns—Boston ferns, 5-in., 30c each. Geo. M. Emmans, Newton, N. J.

Ferns—Boston ferns in large quantities. L. H. Foster Estate, Dorchester, Mass.

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Roses—A. Beauty, 2½-in., \$5 per 100, \$45 per 1,000; 3½-in., \$7 per 100; Chatenay, 2½-in., \$4 per 100, \$30 per 1,000; 3½-in., \$5 per 100; Uncle John, 2½-in., \$4.50 per 100, \$40 per 1,000; 3½-in., \$6 per 100; Bride, 2½-in., \$4 per 100; \$35 per 1,000; 3½-in., \$5 per 100; Perle, 3½-in., \$5 per 100; Sunrise, 2½-in., \$4 per 100, \$35 per 1,000; 3½-in., \$5 per 100; Bridesmaid, 2½-in., \$4 per 100, \$35 per 1,000; 3½-in., \$5 per 100; G. Gate, 2½-in., \$3.50 per 100, \$30 per 1,000; 3½-in., \$5 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Roses—Baby Rambler, 2½-in., \$2.50 per doz., 15 per 100, \$125 per 1,000; 3-in., \$3.50 per doz., \$25 per 100; 4-in., \$6 per doz. Conard & Jones Co., West Grove, Pa.

Roses—Baby Rambler, ever-blooming, dwf., 2½-in. pot plants, \$2.50 per doz., \$15 per 100, \$125 per 1,000. Dungee & Conard Co., West Grove, Pa.

Roses—Field grown and for forcing. W. & T. Smith Co., Geneva, N. Y.

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Bulbs—Fall bulbs, imported. James Vick's Sons, Rochester, N. Y.

Bulbs—Lily, hardy sorts. E. Y. Teas, Centerville, Ind.

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Lily of the Valley—Cold storage pips. H. N. Brunas, 1409-11 W. Madison St., Chicago.

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Seeds—Seeds, bulbs, plants. Arthur T. Bodington, 342 W. Fourteenth St., New York.

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 Deamund J. B., 51 Wabash Ave., Chicago.
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 Michigan Cut Flower Exchange, 38-40 Miami Ave., Detroit, Mich.
 Moore, Hentz & Nash, 55-57 W. 26th St., N. Y.
 Murdoch, J. B., & Co., 545 Liberty Ave., Pittsburg, Pa.
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 Philadelphia Cut Flower Co., 1516-18 Sansom St., Philadelphia, Pa.
 Pittsburg Cut Flower Co., Ltd., 504 Liberty Ave., Pittsburg, Pa.
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 Traudley & Schenck, 44 W. 28th St., N. Y.
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 Winterson, E. F. Co., 45-49 Wabash Ave., Chicago.
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 Bentley-Coatsworth Co., The, 35 Randolph St., Chicago.
 Brant, D. Wood, W. Peterson and N. 48th Ave., Chicago.
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 Budlong, J. A., 37-39 Randolph St., Chicago.
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Garden, Alex. B., 441 Center Market, Washington, D. C.

Gude, A. & Bro., 1214 F St., Washington, D. C.

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Hess & Swoboda, 1415 Farnam St., Omaha, Neb.

Holm & Olson, St. Paul, Minn.

Lelkens, 7 E. 33d St., N. Y.

Mills The Florist, 36 W. Forsyth St., Jacksonville, Fla.

Park Floral Co., The, Denver, Colo.

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Greens—Evergreens, galax, leucothoe, mosses, etc. The Kervan Co., 20 W. 27th St., N. Y.

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Greens—Hardy cut fancy or dagger ferns, 50c per 1,000; sphagnum moss, 50c per bbl.; laurel roping, \$4 per 100 yds. Thos. Collins, Hinsdale, Mass.

Greens—Dagger and fancy ferns; bronze and green galax, laurel festooning, green and sphagnum moss, ivy leaves, Sprenger, asparagus, leucothoe sprays. Henry M. Robinson Co., 511 Province St., Boston.

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Pipes and Iron Fittings—S. Jacobs & Sons, 1365-73 Flushing Ave., Brooklyn, New York.

Pipe—Black wrought iron pipe, all sizes from ¾ to 24 in. Chicago House Wrecking Co., W. 35th and Iron Sts., Chicago.

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Watering System—The Wittbold Patent Watering System. Watering or syringing. Louis Wittbold, 1708 N. Halsted at., Chicago.

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