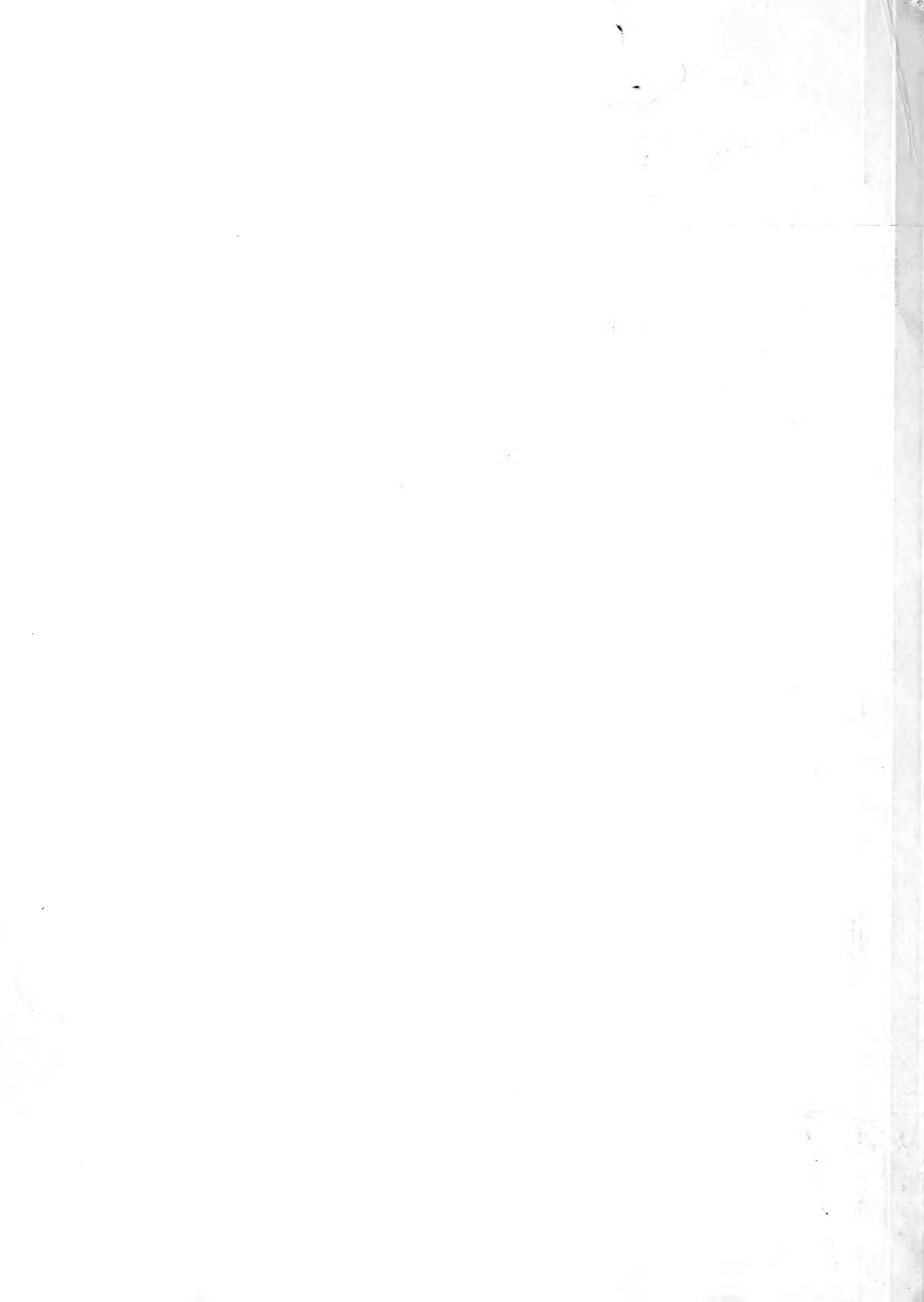
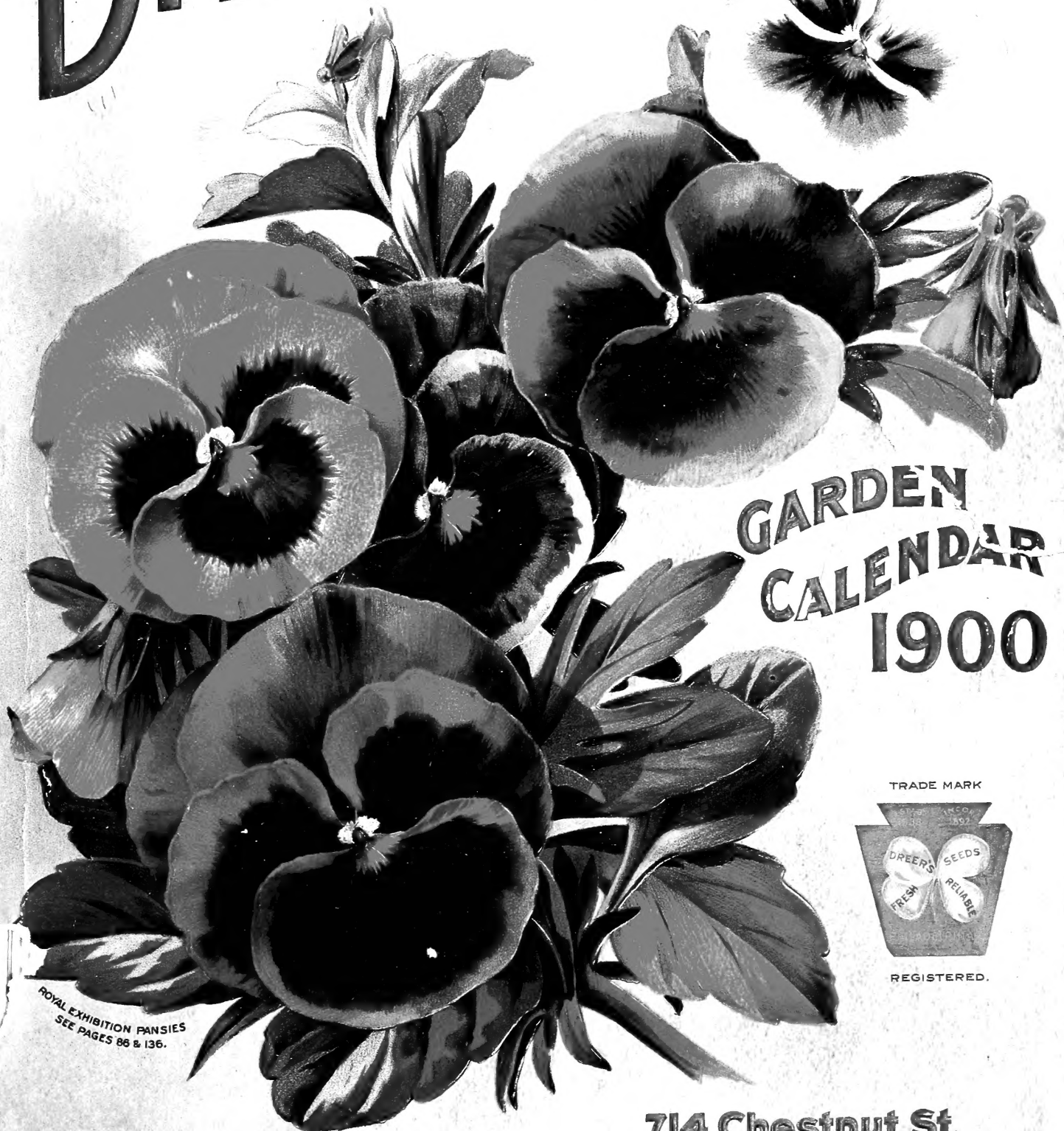


Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.



DREER'S



GARDEN CALENDAR 1900

TRADE MARK



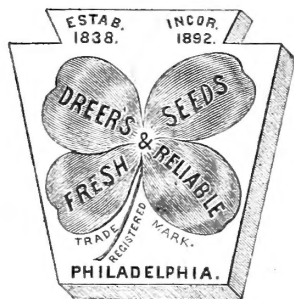
REGISTERED.

ROYAL EXHIBITION PANSIES
SEE PAGES 86 & 136.

HENRY A. DREER

714 Chestnut St.
PHILADELPHIA, PA.

General Directions to Correspondents.



PHILADELPHIA, January, 1900.

The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as to ourselves :

ORDER EARLY.—It will greatly facilitate shipments if orders are sent in *early*. We aim to send off all orders the same or next day after receipt, but during the busy season it is nearly impossible—hence the advisability of ordering *early*.

POSTAGE PAID.—We deliver, postage paid, to any Post Office in the United States, **Vegetable and Flower Seeds, in Packets, Ounces and Pounds**, also Bulbs and Plants, when under 4 pounds in weight, at Catalogue prices, **except where otherwise noted.** *No orders for plants by mail will be accepted for less than 50 cents in value.* Agricultural Seeds, Implements and other bulky and heavy goods can only be sent by freight or express at purchaser's expense.

CANADA POSTAGE.—Vegetable and Flower Seeds in packets and ounces mailed free. On everything else remit for postage, 1 cent per ounce.

EXPRESS.—It will be very much cheaper to the purchaser if seeds are ordered to be sent by Express or rail at their expense, when desired in quantities of pounds, quarts and upwards. In all cases where possible we advise our customers to have their plants forwarded by Express, as larger and finer plants can be sent, and "extras" are added to help defray charges. *Seeds, Plants and Bulbs are now taken by the leading Express Companies at a reduction of twenty per cent. from the regular rates for merchandise.*

BAGGAGE-MASTER DELIVERIES are very convenient to points within twenty-five miles of Philadelphia. Charges for packages not exceeding 10 lbs., 5 cents; 25 lbs., 10 cents; 50 lbs., 15 cents.

PACKING.—No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Offices in Philadelphia.

REMITTANCES should be made by Post Office Money Order, Drafts on Philadelphia or New York Banks, or Express Money Orders. We disclaim all responsibility when remittances are not made as above directed. Where it is not possible to obtain these, the letter should be registered. Postage stamps will be found a convenient method of remitting for small amounts, and can be used by us to advantage. Coin should not be sent by mail.

CASH WITH ORDER.—Please send money with the order sufficient to cover the whole bill, to facilitate the execution of your orders. During the busy season, to make out bills for customers, charge and in a few days receive the money, make the proper credit and send receipt, requires more work than we can readily perform. We decline sending goods "Collect on delivery," unless remittances be made on account to guarantee acceptance.

ERRORS.—We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

SAFE ARRIVAL OF PACKAGES.—We endeavor to secure the safe arrival of packages of Seeds, Bulbs and Plants in good condition in every case. If a package is injured or lost, by Mail or Express, we will replace it as soon as informed of the fact. Frequently it happens that orders never reach us, or are without signature. When customers fail to receive their packages in a reasonable time, they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods. Complaints must be made on receipt of goods.

NAME AND ADDRESS.—Please remember to write your **Name, Post Office, County and State**; also give number of street or P. O. Box, as distinctly as possible; also the **nearest Express Office**, or if on a Stage route, send us special directions, giving us the name of the Express Company delivering goods.

PLANT ORDERS should be separated from the Seed orders; the departments are separate, but shipments of seeds and plants are made in one parcel, to avoid additional express charges.

NON-WARRANTY.—We wish it to be distinctly understood that although we continue to take all possible pains to supply only New, Genuine and Unadulterated seeds, we still give no warranty, express or implied, as to description, quality, productiveness or any other matter of any of the Seeds, Plants or Bulbs we send out, and will not be in any way responsible for the crop. Every order received for articles named in this Catalogue will be executed on these conditions only.

Deutsche Correspondenten.—Alle Bestellungen und Correspondenzen in deutscher Sprache werden mit Sorgfalt ausgeführt.

HENRY A. DREER,
714 Chestnut Street,

LOCK BOX, 1618.

PHILADELPHIA, PA.

DREER'S ROYAL EXHIBITION PANSIES

Under the proper heads, we offer both seeds and plants of this superb strain, a few types of which are shown in color on the front cover of this catalogue.



DREER'S NEW SINGLE DAHLIAS.

Shown in colors on the back cover of this Catalogue. The same are offered with other new and rare plants on pages 11 to 16. Seeds are also offered in the Flower Seed Department.

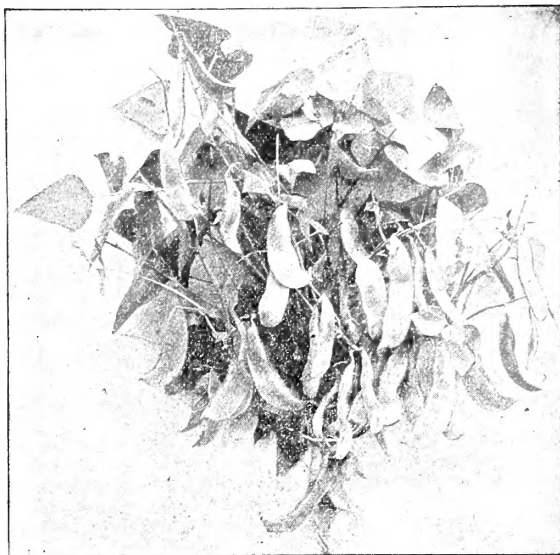
On these pages we offer new and choice varieties of Vegetables of rare merit. All have been carefully tested on our Trial Grounds. Descriptions are written from actual experience with each variety and illustrations made from photographs.

DREER'S NEW WONDER BUSH LIMA BEAN.

Another year's trial of this excellent strain of Bush Lima Bean has given wonderful satisfaction, both in producing fine, large beans and in holding steadfastly to its dwarf habit, growing absolutely in the bush form, without the least sign of a runner—the ends of branches being filled with buds there is no chance for runners. In addition to this important feature, heretofore unknown in Bush Limas of the large type, it is also the earliest of all Bush Limas, and a great improvement on the original type of large White Bush Lima, being 10 to 15 days earlier.

Seed planted on our Experimental Grounds on June 29th produced fully-matured beans on August 17th, just seven weeks from date of planting. **No other Bush Lima has such a record for earliness.**

It is the most productive of all Bush Limas. The plants grow dwarf, upright and compact, and are completely covered with large pods, many of which contain four beans, which are fully as large as the largest of the Pole Limas. The beans are of flat shape, and fully equal in flavor to the famous Dreer's Bush Lima, so well and favorably known.

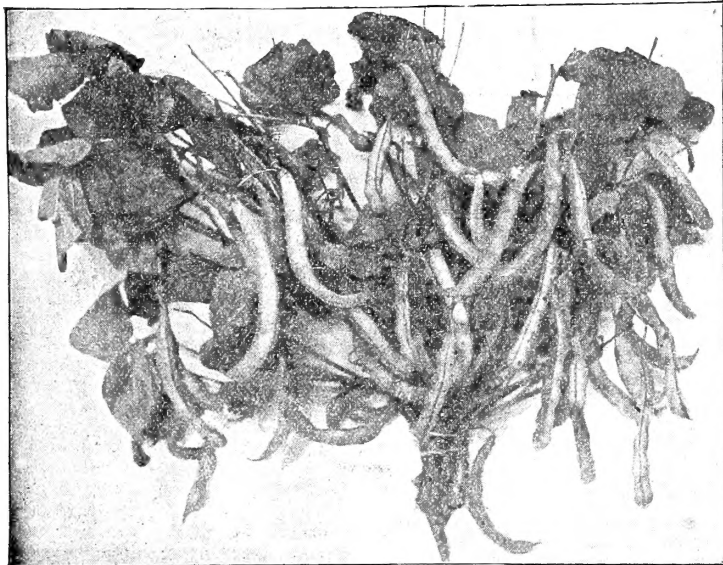


DREER'S NEW WONDER BUSH LIMA BEAN.

Dreer's New Wonder Bush Lima is without doubt the best of its class, and a decided acquisition. The earliest, dwarfest, most prolific and best quality of all, and should be planted in every garden, where, for space occupied, it will give the largest and best returns of any other vegetable. Pkt. 10 cts.; 3 pkts. 25 cts., postpaid; pint 40 cts.; quart 75 cts., by express. *If by mail, add 8 cts. per pint, 15 cts. per quart.*

STRINGLESS GREEN POD BEAN.

This valuable variety which is of recent introduction has proven to be far superior to any other green-podded bean grown, and will be highly appreciated by all who grow for market, also by those who grow for their own use. It is positively stringless, and ripens fully a week earlier than the well-known Red Speckled Valentine bean, which has been the favorite market sort for many years. The pods, which are produced in abundance on the vines, are long and very fleshy, perfectly round and very meaty; the color is a beautiful shade of pale green. The pods remain tender and crisp much longer

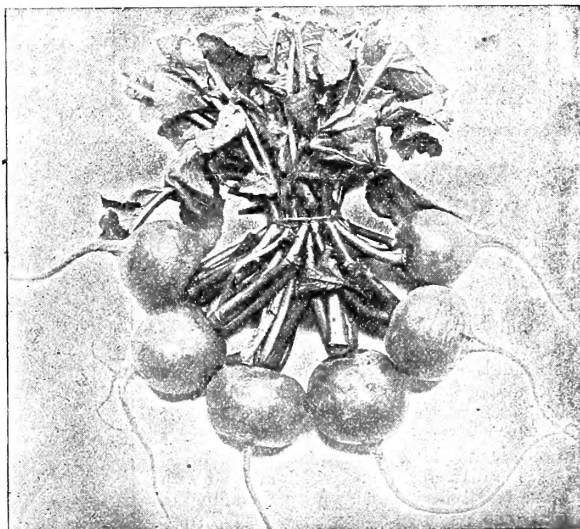


STRINGLESS GREEN POD BEAN.

after maturity than any other variety known, and the quality is the very finest. Too much cannot be said in favor of this most excellent bean, which will fast forge its way into popularity among the growers. The illustration shown above was made from a photograph of a plant taken from one of our fields, growing for seed, and shows its healthy growth, prolific character and the relative size of the pods. Our stock, although limited, is strictly pure, and can be relied upon by all who plant it. Pkt. 10 cts.; pt. 20 cts.; qt. 40 cts.; ½ peck \$1.25; peck \$2.50, by express or freight. *If wanted by mail add 8 cts. per pint, 15 cts. per quart.*

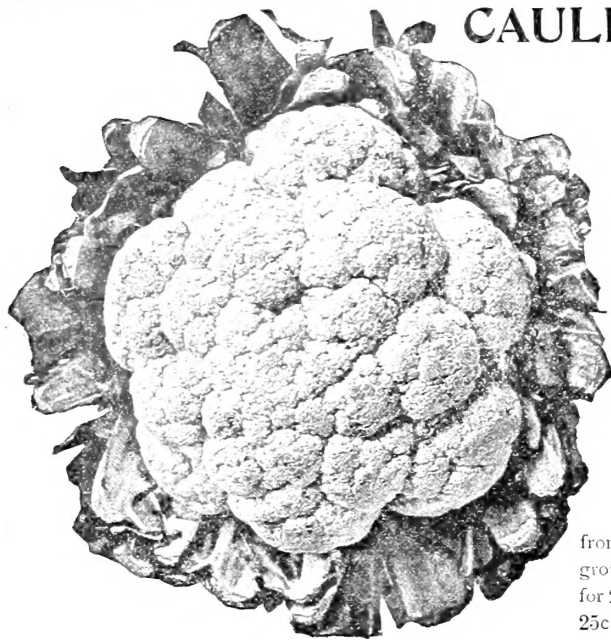
DIRIGO BEET.

As will be seen in illustration, this beet is of beautiful shape, and grows with very small top. It is a variety of recent introduction, and a close competitor for the important place as an extra early beet now held by the Crosby's Egyptian; some gardeners consider it equally as good. It is a beautiful blood-red turnip beet, fine-grained and sweet flavor. It grows very uniform in size and shape, and has small top, making it a good variety for growing in frames. It has come some days earlier than Crosby's Egyptian, and is a good sort for early market. It is very attractive, and will surely please all who plant it. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts., postpaid.



DIRIGO BEET.

CAULIFLOWER. DREER'S EARLIEST SNOWSTORM.



DREER'S EARLIEST SNOWSTORM CAULIFLOWER.

The Earliest and Best of all for Forcing or Open Ground.

Realizing the great importance of an extra fine strain of stock seed for growing the best Cauliflowers, we have given this variety much care and attention, and the uniformly good results received by growers using our "Snowstorm" convince us that we have the very best and earliest strain of Cauliflower on the market, both for forcing and for growing in the open ground. It has been used by our customers in different sections, and the report is alike from each: "The best they ever grew." It is a dwarf variety, with short outer leaves, and can be planted close, 2 feet apart each way. It always makes a fine, large and exceedingly beautiful snowy-white head, much earlier than any other variety. The quality is very good, being of delicious flavor. It is far superior in every way to the best strains of "Snowball Cauliflower," and will not only be appreciated by the professional gardener, but will also give the most satisfactory results to those who raise only a few heads for home use. Please read the testimonial opposite

from gardeners who have grown "Snowstorm" for 2 successive years. Pkt., 25c.; $\frac{1}{2}$ oz., \$1.50; oz., \$5.00.



WINTER QUEEN CELERY.

Earliest Snowstorm Cauliflower.

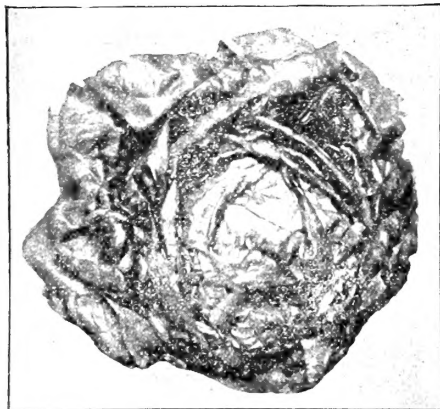
\$1,000 made from 2 ozs. of Dreer's Earliest Snowstorm Cauliflower.

T. E. Reeves & Son, Long Island, N. Y., Oct. 9, 1899, writes:—We sowed 1 oz. of your Snowstorm Cauliflower on Nov. 1, 1898, another oz. Nov. 29. Commenced setting plants Feb. 7, 1899, finished March 1. We began to ship April 3, and finished May 8. The total amount of money received from product of 2 ozs. seed was one thousand dollars.

CELERY.

Winter Queen.

This new variety of celery is valuable for its good keeping qualities, and is one of the best sorts for winter and spring use. It grows a very thick and heavy stalk, and has a much larger heart than any other variety. It is a close, compact grower, and when blanched is a creamy-white color. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{2}$ lb., \$1.25; lb., \$4.00.



"ALL HEART" LETTUCE.

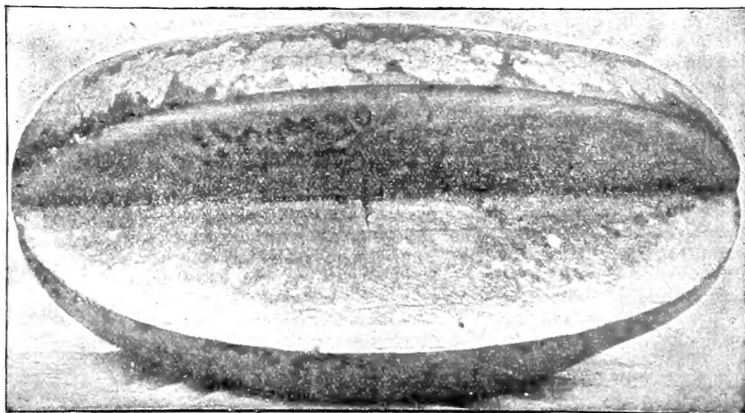
NEW LETTUCE "ALL HEART."

This new and distinct Cabbage Lettuce is excellent for spring and summer use, as it stands intense heat. It is of a yellowish-green color, and forms a solid heart, even before it is half grown. It is of superior flavor. Pkt., 15 cts.; 2 pkts., 25 cts.

WATERMELON.

WONDERFUL (or McIver Sugar).

In our trials of Watermelons during the past summer the "Wonderful" proved to be the sweetest and most desirable of all. It not only grew to large size, but ripened up uniformly and made fine, solid melons. It originated with a melon grower in North Carolina, and is only of recent introduction outside of its native clime, but grows satisfactorily in all districts where watermelons will ripen. It is a very sweet solid-fleshed sort, often grows to the length of 2 feet, and from 12 to 16 inches in diameter. The rind is marked with broad bands of yellowish-green, shading to deep green; shaped oblong; is entirely stringless, and free from hard core. We consider it an acquisition to the list of Melons. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.



THE WONDERFUL, OR McIVER SUGAR MELON.

GENUINE ROCKY FORD MUSKMELON.

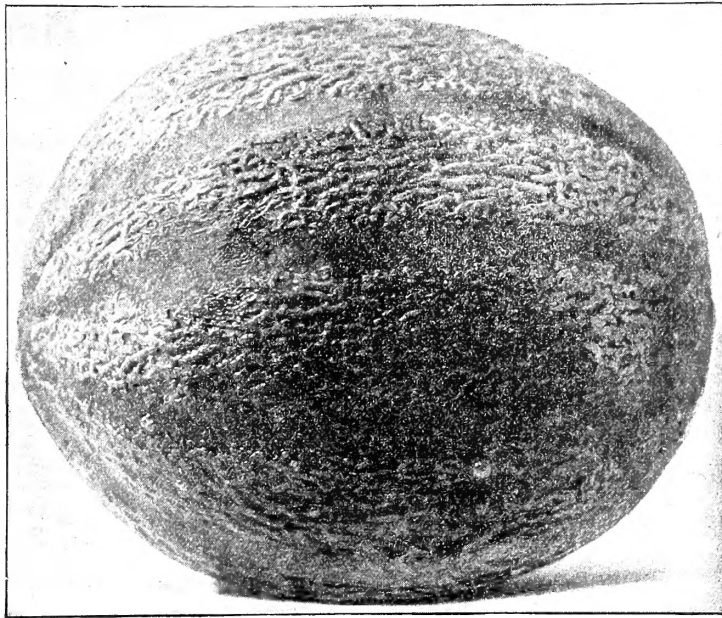
This delicious melon is of the Netted Gem type, oval in shape and beautifully netted. It has been improved at Rocky Ford, Colorado, a section noted for its fine muskmelons, and from this point they have been shipped in car-load lots to every city in the United States, thus gaining a national reputation for the "Rocky Ford." The melons average about 5 inches in length, and are of most delicious flavor; flesh is smooth-grained and light green color. This is the most popular variety of muskmelon grown, and in season will be found on the tables of all the leading hotels and restaurants. The seed we offer is of the true oval type so highly prized by the growers at Rocky Ford, Colorado. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00, postpaid.

PAUL ROSE or Petoskey Muskmelon.

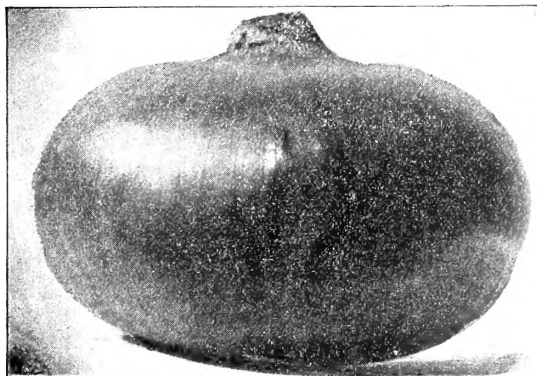
A decided improvement in the salmon-flesh varieties. A cross of the Osage with Netted Gem, and combines the sweetness of former with the fine gray netting of the Gem, making a very handsome melon. The melons grow uniform in shape and size, average diameter being about 5 inches; flesh thick, firm and beautiful; deep salmon or orange color, deliciously sweet and melting. Its size and general appearance make it a splendid basket melon which will soon become a favorite with the market gardener, also for the private garden. Our seed was grown from originator's stock, and is pure. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., \$1.50, postpaid.

Dreer's Summer Green Parsley.

Market gardeners desire a special strain of Parsley for summer use, one that will stand the extreme heat during the hot months of July and August. We are pleased to offer this variety as one especially adapted for the purpose. It is a strong and vigorous grower, and produces large, finely curled leaves of a beautiful dark green color, which it holds for a long time after all other varieties have turned yellow. We can recommend this new variety, as we are confident that it will give satisfaction. Our illustration below was made from a photograph of a single plant, and shows its bushy character. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00, postpaid.



GENUINE ROCKY FORD MUSKMELON



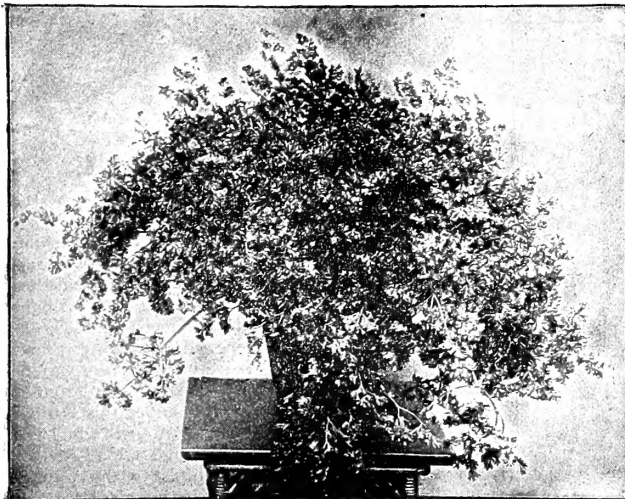
AUSTRALIAN BROWN ONION.

Australian Brown Onion.

This onion is of recent introduction, and its extraordinary keeping qualities have made it a favorite variety with those who have planted it. The bulbs grow to a good marketable size and are very hard and solid. They ripen earlier than either Yellow Danvers or Red Wethersfield, are beautiful brown color and mild flavor. A good thing in their favor is the fact that the crop runs uniform in size and shape; nearly every plant produces a fine onion. When better known, this variety will be used extensively by onion growers, as its good keeping qualities are bound to make a favorable impression. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.75, postpaid.

DREER'S "ELECTRIC" EXTRA EARLY PEA.

This is a variety of the green-seeded Alaska type, but a great improvement, being much earlier than the Alaska and bearing larger pods. The vines grow from 2½ to 3 feet high, and are literally loaded down with pods, which are crowded with the large peas, closely shouldered in pod. It is very uniform in growth, and usually produces pods containing eight peas. The quality is excellent, remaining tender until fully matured. As an "Extra Early" for the market gardener we can recommend this variety very highly; it has all the requisites of a first-class Pea, and the beautiful dark green color of the pods adds greatly to their selling quality. As a variety for the home garden it must also prove very valuable. Being hardy, the seed can be planted as early in spring as the ground can be worked. Pkt., 10 cts., postpaid; pt., 15 cts.; qt., 30 cts.; ½ peck, \$1.00; peck, \$1.50; bu., \$4.50. If by mail, add 8 cts. per pint, 15 cts. per quart.



A SINGLE PLANT OF DREER'S SUMMER GREEN PARSLEY.

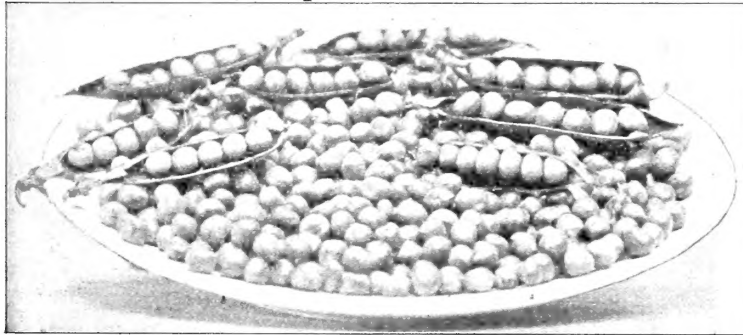
BOOKS

We desire to call to the attention of customers the complete list of books offered on inside of last cover page. These are by the best authors, and prices reasonable.

New Extra Early Wrinkled Pea, Gradus, or Prosperity.

An Extra Early Wrinkled Pea, bearing Immense Pods, fully as large as the Telephone.

This fine, extra early, dwarf-growing pea is a great advancement. It combines the finest quality with extreme earliness, and is also very productive. The smooth varieties of Extra Early Peas have heretofore filled their place in a way, as they could be planted very early, while the wrinkled sorts could not be planted until milder weather; but there has been the need of an "extra early" which would also have that sweetness and fine flavor of the wrinkled varieties. "Gradus," therefore, fills the want, and is the first extra early wrinkled pea. It is very hardy, and can be planted fully as early as the smooth peas; grows vigorous and healthy; vines 2½ feet in height, and is very prolific, bearing pods fully as large as Telephone, usually containing from 8 to 10 large peas. The color of the shelled peas is a beautiful light green, which color they retain after being cooked; the quality and flavor is delicious, and the peas remain tender and sweet for a long time.



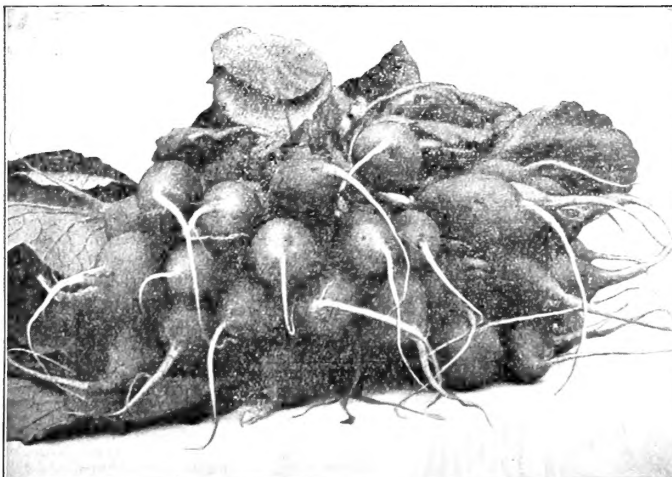
THE GRADUS, OR PROSPERITY PEAS.

AMEER PEAS.

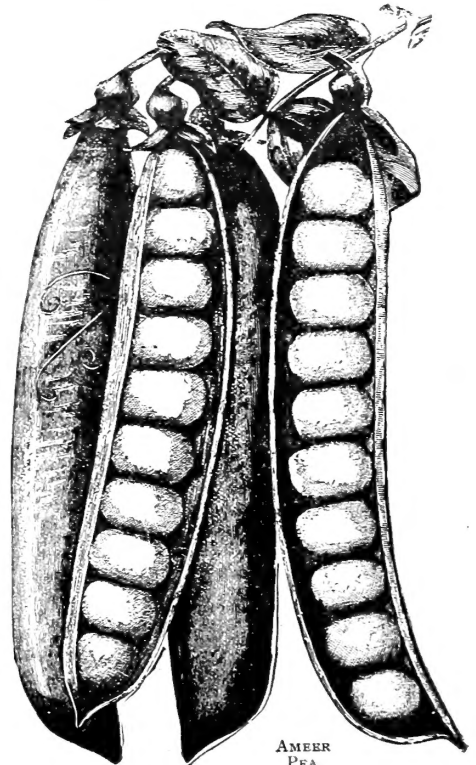
This variety of blue-seeded peas is distinct, and produces its handsome pods in pairs. It is an early variety, and, like all other round, smooth-seeded peas, is quite hardy, and can be planted very early in the spring. It is also a good variety for making repeated sowings for succession, as it is not affected by the early summer heat. The vines, which grow from 3 to 4 feet high, are very thrifty and good bearers. The pods are dark green, large, curved and very broad, always well filled with large peas. The quality is all that could be desired, being sweet and tender. The large size and handsome deep green color of the pods make it a good variety for market purposes, bringing high prices. Pkt., 10 cts., postpaid; pt., 20 cts.; qt., 35 cts.; ½ peck, \$1.00; peck, \$1.75; bu., \$6.00. (If by mail, add 8 cts. per pint; 15 cts. per quart.)

DWARF TELEPHONE PEAS.

This variety is the result of many years' experimenting, with the view of producing a pea with dwarf vines, bearing large, handsome pods and peas of highest quality, without the long vines of the Telephone, and to grow more dwarf than the Stratagem. In all these points our grower has been successful, for here we have a variety which, under the best culture, will only grow 18 inches high. It is of dwarf, stocky habit, healthy, vigorous growth and very productive. In season, medium, from 5 to 7 days earlier than Stratagem. The pods are long, frequently measuring 5 inches in length, broad, straight, rounded or curved at the end, remarkably well filled, often containing nine or ten peas, color pale green, thick and of good lasting quality for market purposes. When fit for table use the peas are of a very large size, tender and delicious flavor, but when dry are light green and much shriveled, denoting unusually tender and delicate texture. Pkt., 10 cts., postpaid; pt., 25 cts.; qt., 40 cts.; ½ peck, \$1.50; peck, \$2.75. (If by mail, add 8 cts. per pint; 15 cts. per quart.)



CARDINAL GLOBE RADISH.



AMEER PEAS.

CARDINAL GLOBE RADISH.

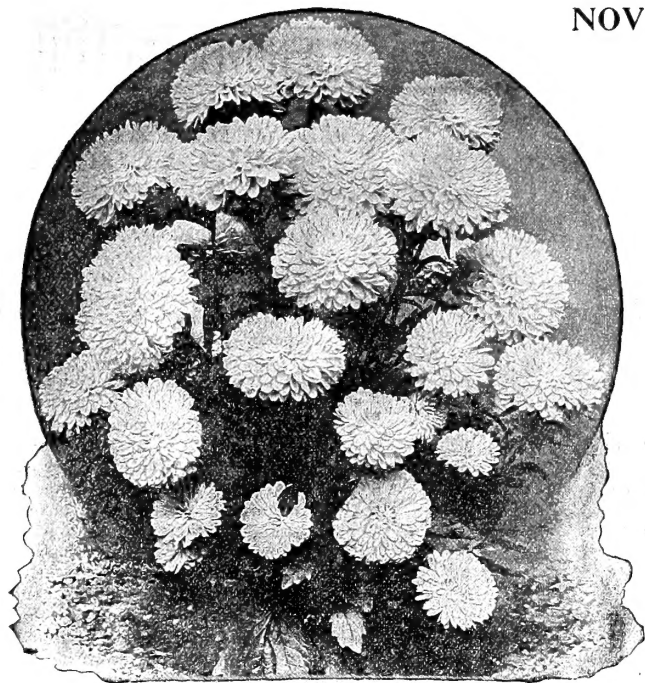
The best forcing variety.

Our seed of this leading forcing Radish is the purest on the market, having been continually improved both in color and shape. The Radishes grow globular in shape, and are of a most brilliant cardinal-red color. It will stand considerable heat; therefore it is a quick forcer, and the quality is fine, being crisp and tender. It is by far the best variety for forcing, and also does well in open ground. The beautiful appearance and color of this Radish make it a good seller. Market gardeners who have been using our strain of Cardinal Globe Radish for several years past, say that it is the purest, finest colored, and the best in every particular. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00, postpaid.

NOVELTIES AND SPECIALTIES IN FLOWER SEEDS FOR 1900.

The majority of the varieties offered on the following pages have not been tested by us, but have been received from reliable growers whose descriptions we give.

For General List of Flower Seeds see pages 58 to 99.

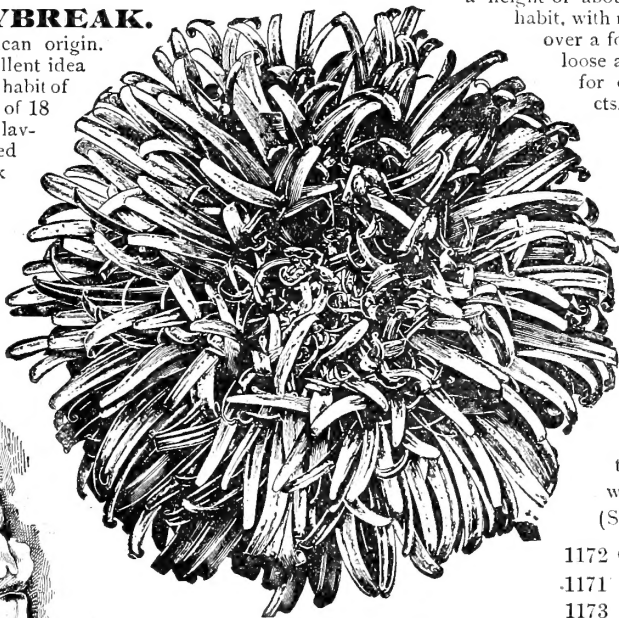


DAYBREAK ASTER.

NEW ASTER—DAYBREAK.

1311 A grand variety, of American origin.

The illustration gives an excellent idea of the symmetrical growth and habit of the plant. It attains a height of 18 to 24 inches, and produces lavishly its perfect globe-shaped flowers of beautiful shell-pink color, similar to that of the Daybreak Carnation. A magnificent variety, either for bedding or for cut flowers. (See cut.) Per pkt., 15 cts.; 2 pkts. for 25 cts.



PINK OSTRICH-FEATHER ASTER.

PINK OSTRICH-FEATHER ASTER.

1372 The white Ostrich-feather Aster introduced a few years ago, and offered on page 61, is now one of our standard varieties. This new variety is exactly the same in habit and freedom of bloom, the color being a beautiful rosy pink, which will at once commend it for cut flower purposes. (See cut.) 20 cts. per pkt.; 3 pkts. for 50 cts.

GIANT SNOW-WHITE VICTORIA ASTER.

1476 The Victoria Asters have long held a leading place among asters, their free growth and perfect-formed flowers being much prized both for bedding and cut flowers. This new variety is the first of a giant type to be offered, and is said to bear flowers averaging 5 inches across, of a pure snow white. 25 cts. per pkt.; 5 pkts. for \$1.00.

Giant Branching Comet Asters.

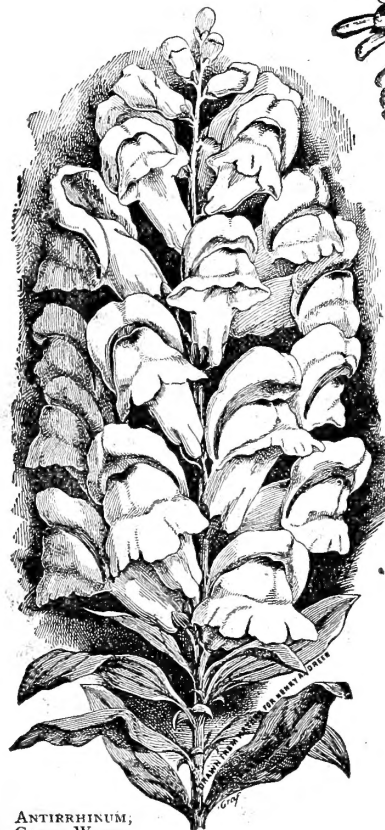
1310 A magnificent new class, of strong growth, attaining a height of about 18 inches; of branching habit, with magnificent flowers on stems over a foot long; flowers extremely loose and graceful; a grand type for cutting. Mixed colors, 15 cts. per pkt.; 2 pkts. for 25 cts.

Giant Snapdragons.

(*Antirrhinum Majus Grandiflorum.*)

The three varieties offered below are decided improvements on the old types. If sown in May they flower in July and remain a sheet of bloom until frost. They succeed best in a rather light soil, in a sunny position, and, although perennials, succeed well when treated as annuals. (See cut.)

	PER PKT.
1172 Giant White.....	10 cts.
1171 " Fiery Scarlet..10 "	10 "
1173 " Yellow.....10 "	10 "
1 pkt. of each for 25 cts.	



ANTIRRHINUM,
GIANT WHITE.

NEW DOUBLE CALENDULA "FAVORITE."

1687 A pretty companion to the well-known Pot Marigold "Meteor" offered on page 65; in size and form it is an exact counterpart of the latter. The color, however, is quite distinct, being a light sulphur, each petal striped with creamy white; the lightest-colored variety yet introduced; a fine annual in every way, blooming continuously from June till frost; excellent for cutting. (See cut.) 20 cts. per pkt.; 3 pkts. for 50 cts.



CALENDULA "FAVORITE." (5)

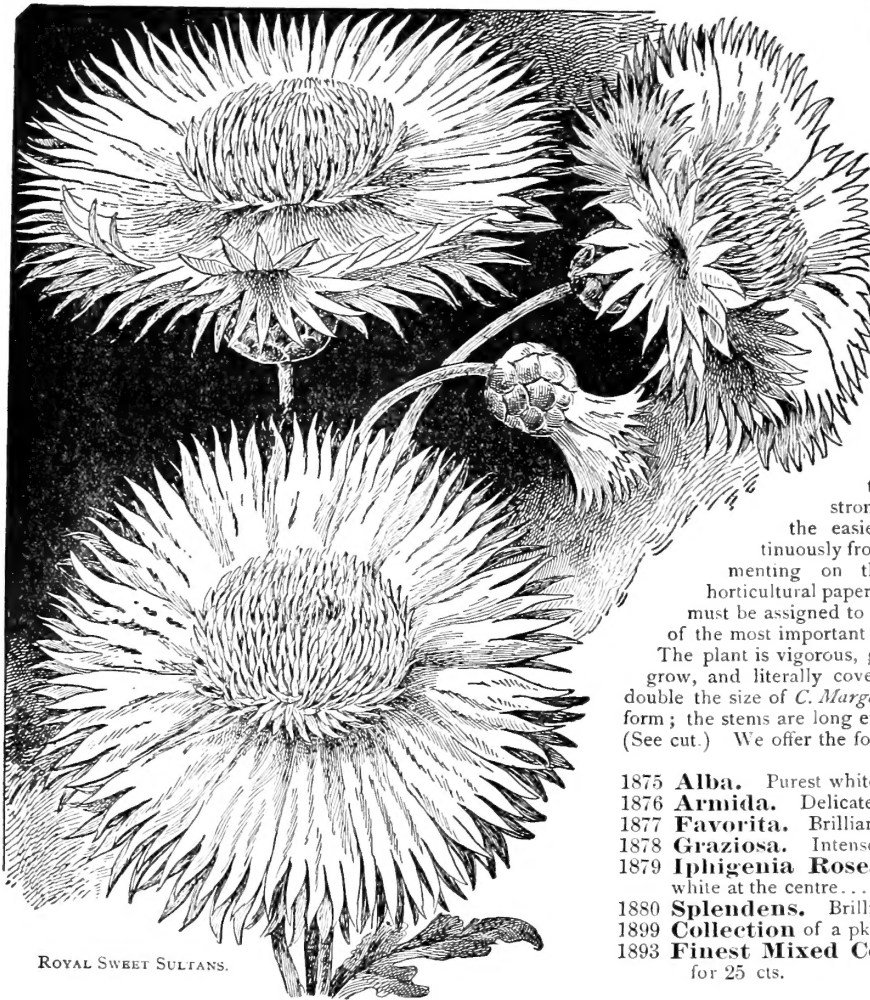
ROYAL SWEET SULTANS.

(*Centaurea Imperialis*.)

We offered these last year for the first time, and have received so many favorable reports regarding them that we offer this year six beautiful named varieties as well as mixed sorts, and call special attention to the same. They are undoubtedly the finest of all Sweet Sultans for cut flower purposes, and should soon supercede all other varieties. They are the result of a cross between *C. Moschata* and *C. Margarita*, and inherit from the latter the beautiful sweet-scented, artistic-shaped flowers, but much improved in size and borne on long, strong stems, and when cut will stand for 10 days in good condition. The plant itself is much stronger than any other Sweet Sultan, of the easiest possible culture, flowering continuously from early summer till autumn. Commenting on the Novelties for 1899, a leading horticultural paper says of them: "The premier place must be assigned to *Centaurea Imperialis*, which is one of the most important introductions of the present decade. The plant is vigorous, growing nearly 4 feet high, easy to grow, and literally covered with enormous flowers nearly double the size of *C. Margarita*, with the same odor and same form; the stems are long enough to satisfy the most exacting." (See cut.) We offer the following distinct varieties:

PER PKT.

1875 Alba.	Purest white; very large.....	.15
1876 Armida.	Delicate lilac; a fine shade.....	.15
1877 Favorita.	Brilliant rose; exquisite.....	.15
1878 Graziosa.	Intense lavender blue.....	.15
1879 Iphigenia Rosea.	Pale rose, fading to pure white at the centre.....	.25
1880 Splendens.	Brilliant dark purple.....	.15
1899	Collection of a pkt. each of the above 6 varieties.....	.75
1893 Finest Mixed Colors.	10 cts. per pkt.; 3 pkts. for 25 cts.	



ROYAL SWEET SULTANS.

DREER'S NOVELTY MIXTURE OF CANNA SEED.

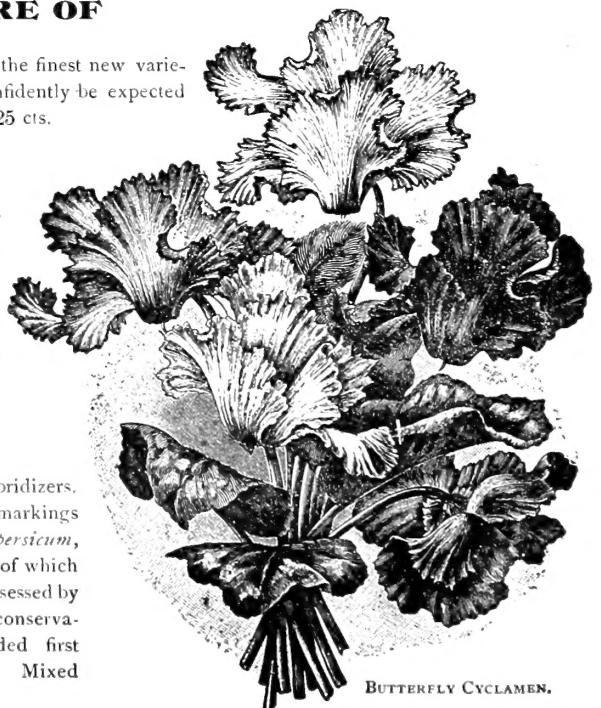
1800 This is seed saved on our own grounds the past season from the finest new varieties only, including all the high-class novelties, and may confidently be expected to produce plants of high merit. Per pkt., 10 cts.; 3 pkts., 25 cts.

YELLOW GIANT MARGUERITE CARNATION.

1829 The Marguerite Carnations are deservedly the most popular of all with the amateur, flowering as they do within a few weeks from time of sowing, and producing good-sized, finely fringed double flowers of exquisite fragrance and of great variety of color, *except yellow*. The seed here offered may confidently be expected to produce a large percentage of pure sulphur yellow. 25 cts. per pkt. of 25 seeds.

NEW FRINGED CYCLAMEN "BUTTERFLY."

2123 This new type owe their origin to one of Europe's cleverest hybridizers. They possess all the qualities of fine habit of plant, beautiful markings of foliage, size and freedom of bloom of the finest type of *C. persicum*, but differ in having flowers with much wider petals, the edges of which are beautifully fringed or waved, giving them a grace not possessed by the old type, and, whether for cutting or grown for house or conservatory decoration, they are of surpassing beauty. Awarded first premiums and certificates wherever exhibited. (See cut.) Mixed colors, 50 cts. per pkt.



BUTTERFLY CYCLAMEN.

New Single Dahlias
"Excelsior."

2181 An absolutely new and curiously interesting strain, somewhat like the single Cactus type, but with cut or fringed petals, grotesquely curled and twisted, in many cases resembling the blossoms of Gaillardia or Coreopsis. In color they vary very much, having in addition to the shades usual to the Dahlia many new and odd tints. Of strong growth and throwing the flowers up on long stems well above the foliage. (See cut.) Per pkt., 40 cts.



EXCELSIOR SINGLE DAHLIAS.

GIANT PERFECTION
SINGLE DAHLIAS.

2182 This new strain is a decided advance on those now cultivated, and should soon displace them by their many merits. The plants are of strong, robust habit, and produce in great abundance flowers of immense size, averaging 6 inches across, of the most bewildering variety of coloring, including not only solid or self-colors, but striped and flaked combinations as well. Per pkt., 15 cts.



DIANTHUS SALMON KING.

DIANTHUS,
SALMON KING.

2268 A double-flowering form of the pretty single annual Pink Salmon Queen offered on page 73. The beautiful, finely fringed double flowers are of a brilliant salmon color, changing, as they fade, to salmony rose. The plants attain a height of 10 to 12 inches, and are equally as vigorous in growth and as free-flowering as the other varieties of Japanese Pinks. A charming subject for beds or borders, where its bright color is sure to be appreciated. (See cut.) 25 cts. per pkt.; 5 pkts. for \$1.00.

Tufted
California Poppy.

(*Eschscholtzia Cespitosa.*)

2428 A dainty dwarf tufted variety, growing only 5 to 6 inches high, and throwing up above the fine glaucous foliage numerous short, erect stems, surrounded by golden-yellow flowers measuring $\frac{3}{4}$ to 1 inch across. A splendid annual for edging or ribbon borders. (See cut.) 20 cts. per pkt.; 3 pkts. for 50 cts.



TUFTED CALIFORNIA POPPY.

THREE NEW HARDY
PERENNIAL, GAILLARDIAS.

Gaillardias are among the showiest and most effective hardy perennial plants. They thrive in almost any position or soil, require no protection and take care of themselves. If sown early they begin flowering in July, continuing a mass of bloom until frost. The three new varieties offered below should find a place in every hardy border.

2503 **Kermesina Splendens.** A striking variety, the centre of the magnificent flowers being rich crimson, contrasting effectively with the narrow canary-yellow border.

2504 **Sulphurea Oculata.** Another grand sort, the color being a pale sulphur with a well-defined bright maroon eye; distinct and unique. (See cut.)

Either of the above, 25 cts. per pkt.; a packet of each for 40 cts.

2502 **Grandiflora**

Compacta. A new compact growing variety forming bushy plants, 12 to 18 inches high, and bearing its rich and varied flowers on long stems thrown well above the foliage. Its improved habit adapts it for many places to which the taller growing sorts are unsuited. 15 cts. per pkt.



GAILLARDIA
 SULPHUREA OCVLATA.



TRICOLOR LOBELIA.

New Tricolor Lobelias.

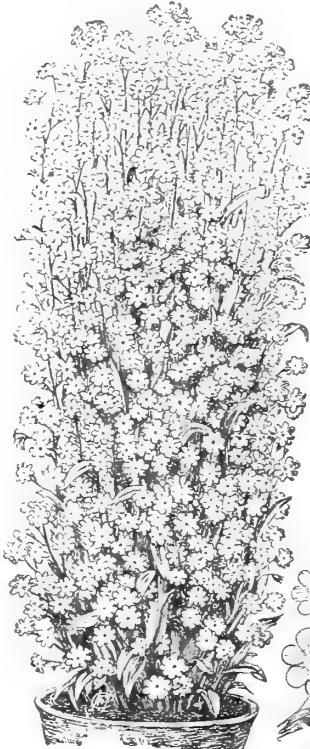
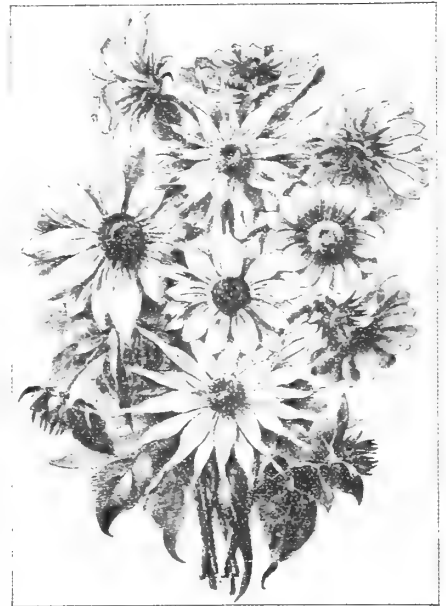
3024 A unique "break" in this popular bedding and basket plant, the petals of which are dark blue marked with two large bright carmine spots and having a white eye; a very rich combination of color. (See cut.) 25 cts. per pkt.

Giant Red Mignonette "Goliath."

3159 Many, more or less beautiful Mignonettes, have been introduced within the past few years, but this new variety is claimed by the experts who have seen it to be *the most beautiful Mignonette in existence*: plants of compact habit, with rich green foliage, the giant trusses of flowers being borne on erect, strong, stiff stalks and surpassing all others in brilliancy of color; especially suited for house culture. 25 cts. per pkt.; 5 pkts. for \$1.00.

Heuchera Sanguinea Hybrida.

2762 Handsome and interesting varieties of the well-known *H. Sanguinea*. They show, on the whole, a more robust habit than the parent form, and the graceful flower stalks are thrown up from the luxuriant rosette of leaves often to the number of 40 to 50. The principal colors represented are different shades of light and dark rose, also white, green and brown, the latter having yellow stamens and narrow white stripes on the petals; admirably adapted for the hardy border. 25 cts. per pkt.

ROYAL BLUE
FORGET-ME-NOT.

NEW MINIATURE SUNFLOWERS.

NEW MINIATURE SUNFLOWERS.

2700 A multitude of new varieties have been raised from the popular Miniature Sunflower which we offer in mixture. They all differ from the parent, most of them being larger, and many with curiously-twisted petals. The prevailing colors are pale yellow, golden yellow and creamy white, some with black centres and all beautiful; for cutting they are indispensable. (See cut.) 20 cts. per pkt.; 3 pkts. for 50 cts.

DOUBLE MINIATURE SUNFLOWER.

2697 While many prefer single flowers on account of their generally more artistic form, others like the double forms as being more lasting when used as cut flowers; both have their uses, and this new variety

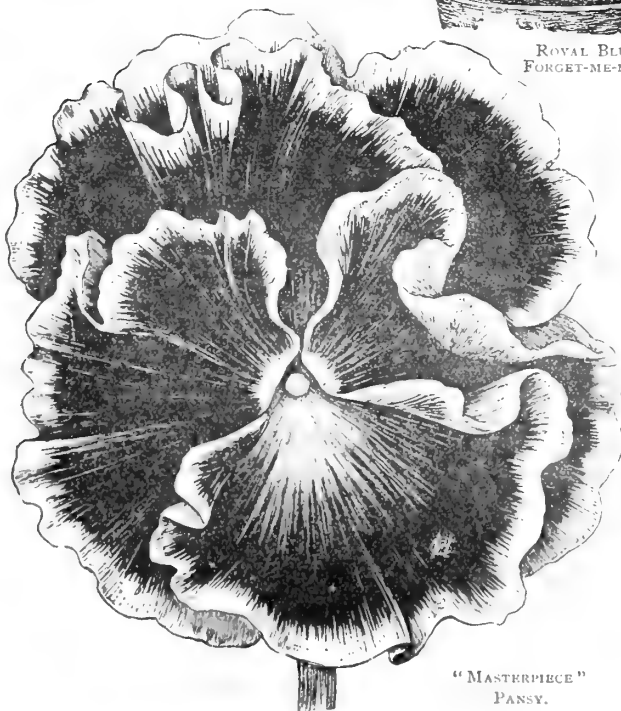
will in a measure please both factions, the flowers, while double, being quite free and graceful; grows about 4 feet high; flowers 3 inches across, of a bright golden yellow, quite double in the centre and bordered with a ruffle of twisted and flat petals; a grand variety for cutting. 20 cts. per pkt.; 3 pkts. for 50 cts.

GIANT CURLED PANSY "MASTERPIECE."

3516 A remarkable new type, which will, without doubt, be warmly welcomed by the numerous lovers of this beautiful class of plants. The chief difference from other strains consists in the form of the flowers, which is well shown in the illustration, the border of each petal being conspicuously curled or waved, giving the flower a doubled or globular appearance. The large size of the flowers and the extraordinary free-flowering qualities of the plant make them valuable for bedding purposes. Another feature of this marvellous strain is that it produces some tints of color not found in any other Pansy. (See cut.) 25 cts. per pkt.; 5 pkts. for \$1.00.

DREER'S ROYAL EXHIBITION PANSIES.

3510 On the front cover of this catalogue we show in colors a few specimens of this, which we believe to be the finest strain of Pansy offered. 50 cts. and \$1.00 per pkt.

"MASTERPIECE"
PANSY.



TROPÆOLUM PRINCESS VICTORIA LOUISE.

New Climbing Tropæolum Princess Victoria Louise.

3257 Decidedly one of the finest and most effective of Lobb's Climbing Nasturtiums; the large, finely formed blossoms are creamy white with conspicuous orange-scarlet blotches at the base of each petal and pure orange-red calyx and spur, occasionally coming with a red margin; a rare color combination amongst annual Nasturtiums. (See cut.) 25 cts. per pkt.; 5 pkts. for \$1.00.

Three Giant Torenias.

4326 **Violetta.** This, the latest addition to the Giant Torenias, is perhaps the loveliest of all, the immense flowers being of the purest white, tinted with the most delicate shade of lavender-blue, and having a violet-blue spot on each of the three lower sections of the flower. 25 cts. per pkt.

4324 **Princess of Montenegro.** The finest of all dark-colored Torenias; the lower and side petals of a deep velvety indigo-purple, the upper petal deep lavender, the whole being relieved by a golden-yellow blotch at the base of the lower petal. 15 cts. per pkt.

4325 **The Bride.** Lower and side petals delicate pink, the upper one pure white, and have the same golden-yellow blotch in throat as the others. 25 cts. per pkt.

DOUBLE WHITE FRINGED ZINNIA.

4472 The first of a new class of this very useful annual; the petals of the perfect-shaped flowers are, as is shown in the illustration, more or less deeply cut, a characteristic never before seen in Zinnias. The habit of the plant and shape of the flowers is exactly the same as the tall double Zinnias. (See cut.) 30 cts. per pkt.; 4 pkts. for \$1.00.

PYGMEA ZINNIA.

4440 A new miniature sort, growing only 8 inches high, but in spite of this very dwarf habit of most extraordinary freedom of bloom, as many as 25 to 30 flowers each, about 3 inches across, being borne on a single plant; valuable on account of its dwarf, compact habit for edging. So far there are only three colors—scarlet, crimson and white. We offer them in mixture. (See cut.) 25 cts. per pkt.; 5 pkts for \$1.00.

ROYAL BLUE FORGET-ME-NOT.

3239 This beautiful variety belongs to the pillar-shaped section, of which a number of varieties have been sent out in the last few years. This novelty is a grand addition, the flowers being of larger size and a deeper blue than any other, and as a variety for pot culture is unexcelled. (See cut on page 8.) 25 cts. per pkt.; 5 pkts. for \$1.00.

NEW DWARF PHLOX "SURPRISE."

3625 Among the numerous varieties of this class, now so rapidly gaining in popularity, this novelty deserves a prominent place; of the globular habit characteristic of this group; the plants are covered with brilliant vermilion flowers, the centre of each adorned with a white star, a very taking color effect, arresting attention at first sight, and rendering it wonderfully effective for beds or edgings. 25 cts. per pkt.; 5 pkts. for \$1.00.

STRIPED ICELAND POPPY.

3734 New varieties of this lovely class are always welcome. The introducers state that while not more than 40 per cent. will come striped, those which do come are so pretty and original that they do not hesitate in offering them. The more or less broad stripes of golden yellow form a striking contrast to the bright orange-red ground color; perfectly hardy and flower the first year if sown early. 20 cts. per pkt.; 3 pkts. for 50 cts.

SCABIOSA BRACHIATA.

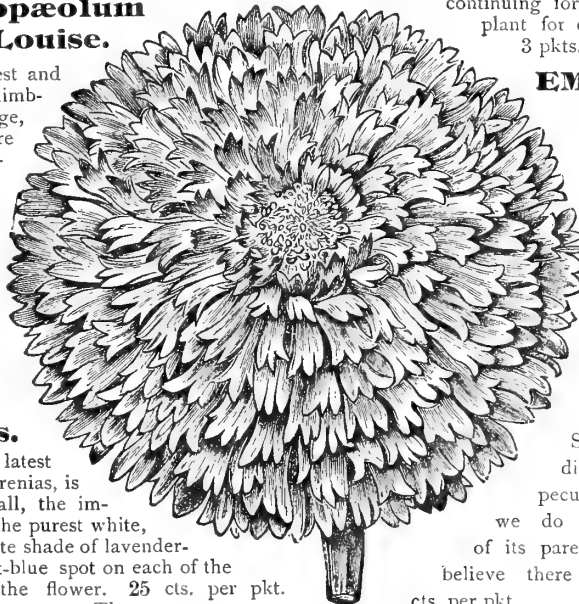
3940 An annual variety, resembling in form and color the beautiful perennial *S. Caucasica*; the pale lilac-blue flowers are borne on the extremity of stalks 12 to 15 inches high; begins blooming in June, continuing for a long time. A most valuable plant for cutting purposes. 20 cts. per pkt.; 3 pkts. for 50 cts.

EMPEROR SALPIGLOSSIS.

3921 This grand new sort forms only one leading stem, bearing on its summit a veritable bouquet of the most beautiful flowers, of wonderfully bright colors, richly veined with gold, and much larger than the finest of the grandiflora type. 15 cts. per pkt.

NEW CRIMSON SALVIA.

3934 A sport from the well-known Scarlet Sage; is of similar habit, differing only in color, which is a peculiar lustrous crimson; and while we do not claim for it the brilliancy of its parent, yet it is so distinct that we believe there is plenty of room for it. 15 cts. per pkt.



DOUBLE FRINGED ZINNIA.



PYGMEA ZINNIA.

Dreer's "Incomparable"

COLLECTION OF

SWEET PEAS.

The varieties of which this collection is composed are the acknowledged leaders in their respective colors, combining in the highest degree all the qualities of a perfect flower, and were selected after the most critical tests for their apparent superiority for size of flower, purity of color, free-flowering and strong-growing qualities. We feel sure that those of our customers who grow this collection will be more than satisfied with the result. The low price at which we offer these should induce liberal planting of these most useful floral favorites.



ECKFORD'S NEW WHITE
"SADIE BURPEE"

- | | | | |
|------|--|----|----|
| 4063 | Aurora. Standards and wings white, flaked and striped with bright orange-salmon | 10 | 5 |
| 4071 | Blanche Burpee. The largest pure white | 10 | 5 |
| 4073 | Blanche Ferry, Extra Early. Pink and white; very free-flowering | 10 | 5 |
| 4070 | Black Knight. Deep maroon | 15 | 5 |
| 4083 | Celestial. Clear lavender blue | 10 | 5 |
| 4084 | Coquette. Delicate primrose, tinged with blush and lilac | 10 | 5 |
| 4093 | Duke of Clarence. Bright rosy claret | 10 | 5 |
| 4102 | Emily Eckford. Heliotrope | 10 | 5 |
| 4122 | Gorgeous. Bright orange, wings deep rose | 15 | 5 |
| 4161 | Lady Mary Currie. Bright orange pink; very showy | 15 | 5 |
| 4165 | Lovely. Soft shell-pink; an exquisite shade | 10 | 5 |
| 4171 | Maid of Honor. White, daintily edged with lavender | 10 | 5 |
| 4177 | Mrs. Eckford. The best primrose-yellow | 10 | 5 |
| 4185 | Navy Blue. Deep violet blue; the finest blue yet introduced | 25 | 10 |
| 4201 | Prima Donna. Soft clear pink; a fine shade | 10 | 5 |
| 4203 | Prince of Wales. Bright rosy pink | 15 | 5 |
| 4223 | Royal Rose. Standards deep rose; wings light pink | 10 | 5 |
| 4235 | Stella Morse. Fine creamy primrose, faintly suffused with blush | 10 | 5 |
| 4241 | Venus. Light salmon, suffused with buff | 10 | 5 |

- | | | | |
|------|--|----|---|
| 4231 | Salopian. Deep scarlet or cardinal; the best red | 10 | 5 |
| 4233 | Shahzada. Deep maroon, wings indigo; a fine dark sort | 10 | 5 |
| 4249 | Dreer's Incomparable Collection, containing a liberal packet each of the above 21 grand varieties, 75 cts., or One Ounce of each variety for \$2.00. | | |

ECKFORD'S NEW SWEET PEAS.

The following 8 varieties are Mr. Eckford's latest introductions, all of which were thoroughly tested the past season, and in the opinion of competent judges are the finest set Mr. Eckford has ever sent out.

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|------|--|----|----|
| 4087 | Countess Cadogan. Standards bright violet overlaid sky-blue, wings pure sky-blue; quite distinct | 30 | 10 |
| 4094 | Duke of Westminster. Deep rose-maroon shaded with bright violet; a unique and distinct shade | 30 | 10 |
| 4132 | Hon. F. Bouverie. A most beautiful coral-pink, wings slightly lighter; a fine flower in size and substance | 40 | 10 |
| 4159 | Lady Grisel Hamilton. A beautiful pale lavender, and on account of size and purity of color should become the leader in this desirable shade | 30 | 10 |
| 4248 | Collection containing a packet each of the above 8 new varieties 60 cts., or One Ounce of each for \$2.00. | | |
| 4160 | Lady Skelmersdale. Standards bright rosy-lilac, wings white, very lightly shaded with blush | 30 | 10 |
| 4180 | Mrs. Dugdale. Standards lovely rosy-pink, wings primrose shaded and lightly splashed light rose; a charming color | 30 | 10 |
| 4192 | Othello. A dark brown chocolate-red, a color not before attained; first-class in size and substance | 30 | 10 |
| 4230 | Sadie Burpee. A beautiful pure snowy-white, of hooded form. This variety produces both black and white seeds, an indication of strength and vigor. Our packets contain both kinds of seed | 20 | 10 |

THREE NEW CUPID, DWARF, OR BEDDING SWEET PEAS.

The three sorts offered below are without doubt the finest of this type that have yet been sent out, and, being all black-seeded sorts, we do not anticipate any trouble in germination such as was experienced with the White Cupid. For borders or pot culture this section deserves the attention of all. The plants form emerald-green, spreading tufts a foot or more wide and from 5 to 6 inches in height, covered during the entire summer months with flowers which, in many instances, excel the tall-growing sorts in size and substance.

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| 4264 | Countess of Radnor. Beautiful delicate lavender. | 4262 | Boreatton. Rich chestnut-maroon. |
| | | 4267 | Firefly. Bright dazzling scarlet. |
| Price: Either of the above 3 new Cupids, 25 cts. per pkt. of 24 seeds; 5 pkts. for \$1.00; 12 pkts. for \$2.00. | | | |
| 4269 Collection of 8 Cupid Sweet Peas made up of the above 3 sorts, and the 5 sorts offered on page 95, for 75 cts. | | | |

NEW AND RARE PLANTS FOR 1900.

AGERATUM STELLA GURNEY.

This variety originated with Mr. James Gurney, Supt. of Tower Grove Park, St. Louis, Missouri, where it has been used extensively for bedding the past summer, and is undoubtedly the finest Ageratum yet introduced, being of dwarf, compact, even habit; color a fine deep blue and literally a sheet of bloom the entire season; finely adapted for winter blooming in the window garden or conservatory. 25 cts. each; \$2.50 per doz.

NEW FRILLED TUBEROUS-ROOTED BEGONIAS.

We first offered this novel type in 1898; during the past two years the strain by careful selection has been wonderfully improved until it is now unquestionably the finest of the tuberous-rooted section. The flowers are of large size, from 4 to 6 inches in diameter, with beautifully frilled and waxy petals, not unlike the finest single Petunias. 30 cts. each; \$3.00 per doz.

NEW BEGONIA GLOIRE DE LORRAINE.

This is undoubtedly the greatest gem in winter-flowering Begonias yet introduced. It grows from 12 to 15 inches high, forming naturally graceful, bushy specimens, which, from October to April, are completely smothered with soft rosy pink flowers, and a plant that is destined to become very popular. Good young plants 50 cts. each; \$5.00 per doz.



AGERATUM STELLA GURNEY.

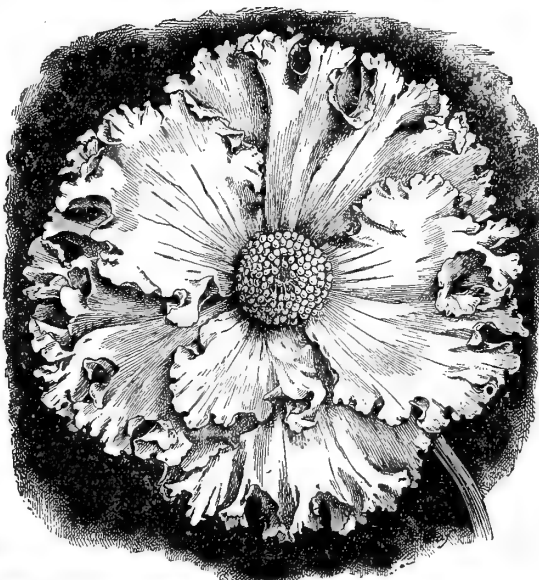
New Fancy-Leaved Caladium Albanense.

An entirely new race of Caladiums; the leaves are borne on stout petioles, but unlike our well-known varieties are spear-shaped and of thick leathery texture. The colors are red, green and creamy-yellow, radiating from the centre of the leaf, while the wavy edges are margined with green gray. 50 cts. each; \$5.00 per doz.

Golden Yellow Calla Lily.

(Richardia Elliottiana.)

Entirely distinct and unlike all other forms of yellow Callas; it has the same habit of growth as the ordinary white variety, with flowers of same size and shape, but of a rich, clear, lustrous golden yellow color; the foliage is dark green, with a number of translucent creamy white spots, which add much to its beauty. (See cut.) Strong bulbs \$2.00 each.



NEW FRILLED BEGONIA.

CAMPANULA PERSICIFOLIA GIGANTEA MOERHEIMI.

Undoubtedly the finest double white Bell-flower in cultivation; the plants attain a height of about 2 feet, branching freely, and produces during the entire summer very double pure white flowers 2½ to 3 inches in diameter, resembling a fine double white Rose; perfectly hardy. \$1.00 each.

CAREX GALLICA FOLIA VARIEGATA.

A pretty variegated ornamental sedge, resembling *C. Japonica Variegata*, but with more decided variegation, the whole stripe in this variety being in the centre of the leaf, the edges being green. A handsome pot plant for the window or for the open border in summer. 25 cts. each; \$2.50 per doz.

NEW HARDY DEUTZIAS.

Gracilis Rosea. A strong, vigorous grower, attaining a height of 3 feet, of erect branching habit and remarkably floriferous; flowers of large size, opening out very full, color bluish white, the reverse of petals being a delicate rose.

Gracilis Venusta. A handsome dwarf-branching variety, producing elongated, cone-shaped panicles of pure white flowers of large size, the individual florets reminding one of a single Azalea in miniature.

Lemoinei Compacta. Identical to the beautiful *D. Lemoinei* offered on page 170, except that it is of more dwarf and compact habit.

Small plants, 35 cts. each; set of 3 varieties, \$1.00.

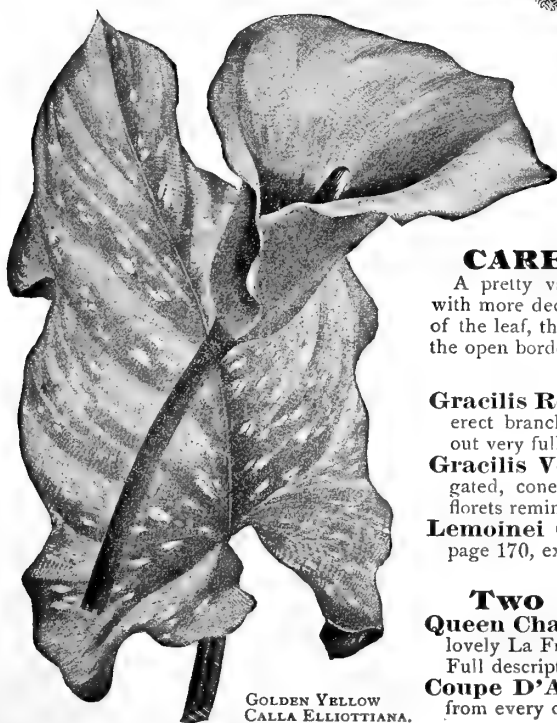
Two Grand New Japanese Anemones.

Queen Charlotte. Large semi-double flowers, often 4 inches across, of a lovely La France pink color—a rare color in hardy perennials; of strong growth. Full description and illustration on page 151. 25 cts. each; \$2.50 per doz.

Coupe D'Argent. A new double creamy-white variety, entirely distinct from every other. 35 cts. each; \$3.50 per doz.

NOVELTIES ...in... WATER LILIES.

We offer on pages 104 to 106 some very fine new Nymphaeas and hardy and tender Nymphaeas. We direct special attention to the three hardy American Nymphaeas on page 105.



GOLDEN YELLOW
CALLA ELLIOTTIANA.



CROCOSMIA IMPERIALIS.

Crocospia Aurea Imperialis.

One of the most beautiful summer-flowering bulbous plants ever introduced, producing its large, six-petaled star-like flowers from early July until late autumn. In color they are a bright orange, and measure 3 inches across, and are arranged in loose panicles on stems $2\frac{1}{2}$ to 3 feet high. Is said to be hardy with protection, but would recommend to lift the bulbs in fall and treat like a Gladiolus. 50 cts. each; \$5.00 per doz.

NEW FANCY CARNATION OLYMPIA.

A beautifully striped variety, clear white ground, delicately penciled with pure scarlet, of largest size and perfect form; very free and deliciously scented. 25 cts. each; \$2.50 per doz. Ready March 1st.

Dichorisandra Angustifolia.

A choice addition to our ornamental-leaved hothouse plants, growing about 12 inches high, with lanceolate leaves, the under side of which is rich, dark purple, while the upper side is marked with white lines on a purple ground. \$1.50 each.

DRACÆNA GODSEFFIANA.

One of the most striking ornamental foliage plants of recent introduction. The plant is of an entirely different habit and appearance from all other Dracænas; of free-branching habit, and throws out many suckers from the base so as to form compact, graceful specimens in a short time. Its foliage is broadly lanceolate, 5 to 6 inches long, and 2 to 3 inches wide; of a strong leathery texture; rich dark green color, densely marked with irregular dots and spots of creamy-white, not unlike an Aucuba Japonica. Will undoubtedly be grown extensively for decorative purposes when it becomes more plentiful, as it is very hardy as a house plant, equaling if not surpassing in this respect the Aspidistra and Ficus. Strong young plants, 50 cts. each; large plants, \$2.00 each.

NEW HARDY HYBRID CLEMATIS COCCINEA.

An entirely new and distinct type of Clematis, the result of crosses between *C. Coccinea* and *Star of India*, combining all the good points of their parents in hardiness, vigorous, robust growth and freedom of bloom, which, together with their novel coloring and shape, make them valuable additions to the list of hardy climbers.

Countess of Onslow. Bright violet-purple, with a broad band of scarlet through the centre of each petal, of open, bell-shape form, with four to six petals to each flower, which are thick in substance and will be found useful for decorative purposes, and when cut will keep fresh in water for several days. Strong plants \$1.50 each.

Duchess of Albany. A beautiful bright pink; deeper down the centre, softening to lilac-pink round the margin; campanulate in shape. Strong plants, \$1.50 each.

Duchess of York. A delicate and pleasing shade of pale pink, with a deeper tinge in the centre of each petal, of which there are from four to six to each bloom; campanulate form. Strong plants, \$2.00 each.

Grace Darling. Star-shaped blossoms of a delicate hue of bright rosy crimson; very profuse. Strong plants, \$1.50 each.

Set of 4 New Hybrid Clematis for \$6.00.

THREE NEW PINK CARNATIONS.

Ethel Crocker. A grand variety that originated with the most extensive carnationist in California; produces flowers averaging $3\frac{1}{2}$ to 4 inches in diameter, of a popular ideal shade of pink, with fine clove fragrance, stems 24 to 30 inches high, stout and stiff. 25 cts. each; \$2.50 per doz.



HYBRID CLEMATIS, DUCHESS OF YORK.

Mrs. Thomas W. Lawson. This is the sensational "Lawson Pink," for the original stock of which thirty thousand dollars (\$30,000) was paid last winter. It has been fully described in many newspapers throughout the country. It is without doubt the largest dark pink Carnation at the present time. 50 cts. each; \$5.00 per doz.

The Marquis. One of the freest-flowering, and in our estimation, one of the best yet introduced. In color a true pink, with no trace of magenta or purple; an exquisite shade, soft, yet rich, that is equally beautiful by artificial or daylight, of exceptional fine form, full, double, well rounded, with fringed petals; in size $3\frac{1}{2}$ to 4 inches in diameter, and borne on long, stout stems. 25 cts. each; \$2.50 per doz.

One each of the 3 New Pink Carnations; 75 cts. (Ready March 1st.)



DRACÆNA GODSEFFIANA.

Fourteen Grand New Cactus Dahlias.

Of the many Dahlias that are offered as Cactus varieties but few are of the true Cactus form. The collection offered below are all of the correct type, and are a selection of the very best European introductions. This type is the most popular at the present day, and have much to commend them, combining the grace of the single varieties and without the stiff formality of outline of the double show sorts. This collection was awarded first honors at the exhibition of the National Dahlia Society in competition with many others, and were the most attractive feature of the show.

Aegir. An entirely new and distinct form in Cactus Dahlias; the petals are tubular or quilled, twisted and arranged in the most fantastic yet regular form; color rich, warm cardinal scarlet. The finest introduction to date.

Austin Cannell. Color light crimson-rose, shading lighter towards the edges; long, narrow, twisted tubular petals.

Chas. Woodbridge. A magnificent light crimson, shaded purple.

F. Bartels. Bright scarlet; when first opening shows a pretty violet shade.

George Marlow. Primrose-yellow, shaded amber.

Green's Gem. A rich, glowing orange-red; bright and fiery, with long, narrow, twisted petals gracefully incurved.

Hohenzollern. A rich, bronzy orange-red color with golden sheen; fine.

John H. Roach. The finest soft yellow, petals long and twisted; a beauty.

Loreley. Soft La France pink, shading to lighter towards the centre, which is a creamy white. This variety was awarded a silver medal at the International Exhibition in Hamburg, 1897.

Miss Webster. Pure white, without a tinge of color excepting on the reverse of the lower petals, which is slightly tinted with rose.

Miss Annie Nightingale. Outer petals broad and flat, inner petals curled and twisted; color clear yellow flaked and heavily edged with scarlet.

Mabel Keith. Petals narrow and twisted, of a buff color, suffused with soft pink shading to creamy yellow centre.

Mrs. A. Beck. A rich salmon-red with scarlet reflex.

Strahlen Krone (*Rayed Crown*).

Intense cardinal red, rich and glowing, with long curiously-twisted petals; in our judgment the handsomest and most perfect Cactus Dahlia in cultivation.

Price: Strong plants, 35 cts. each; the set of 14 for \$4.50. Ready in February.

New White Show Dahlia

"Storm King."

To fully describe this magnificent variety would take up more space than we can give to any one variety. Suffice to say that it is conceded to be the finest, freest-flowering white show Dahlia ever introduced. (See cut.) 35 cts. each; \$3 50 per doz.



SINGLE DAHLIAS ANEMONE AND ST. GEORGE.

New Single Dahlias.

(Shown in colors on the back cover of this catalogue.)

In selecting Single Dahlias as one of the subjects for the cover of this catalogue we were guided by the increasing taste for simple single flowers. Only a few years since the demands for single forms were limited to such plants as do not produce double flowers. The popular taste is now nearly reversed, not only in Dahlias, but in Tuberous-rooted Begonias, Petunias, Sunflowers, etc., etc. Yes, even the old-fashioned single Hollyhock is sought for, and again finds a place in this catalogue after an absence of many years.

The set of 4 varieties here offered are in every way superior to the type in vogue a few years back, the plants being of dwarf, robust habit, while the flowers, which are produced in the greatest freedom, are of perfect outline and color.

A large vase of each shown at the exhibition of the National Dahlia Society in Philadelphia, last summer, attracted much attention, and was awarded first prize.

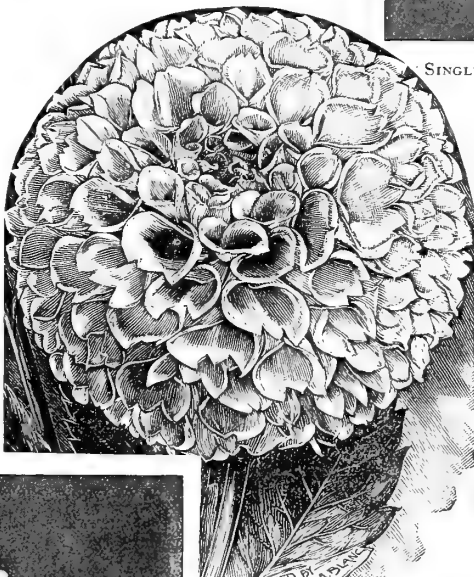
Anemone. This name was very appropriately suggested for this variety on account of its striking resemblance to that most beautiful fall-flowering perennial, "Anemone Japonica Alba." The flowers, which are pure white and of large size, are produced on long wiry stems, making it one of the most useful Dahlias for cutting.

Ami Barillet. Brilliant garnet flowers, set well above the foliage, which is of a deep bronzy-purple color, contrasting finely with the glowing color of the flowers.

Evelyn. A delicate shade of soft pink with white disc around a yellow centre.

St. George. The grandest single Dahlia ever introduced. The flowers are a pure, clear yellow, 3 to 4 inches in diameter, and borne on long stems.

Price: Any of the above, 15 cts. each; set of 4 varieties, 50 cts.



DAHLIA STORM KING.



TYPE OF NEW CACTUS DAHLIA.



NEW GERANIUMS

FOR

Conservatory Decoration.

While undoubtedly the most popular of bedding plants, Geraniums deserve to be used more extensively for window and conservatory decoration, no other plants excelling or even approaching them for brilliancy and richness of color.

Unfortunately, the value of the many fine varieties annually imported has been determined by their ability to withstand our severe climatic conditions when bedded out, and as few have stood this test, many of the very choicest sorts for indoor culture have been lost sight of.

In presenting the various sets offered on this page—selected out of hundreds of varieties from the leading hybridizers and specialists of the world—we have aimed to make the selection combine in the highest degree perfection of form and size of the individual florets, size of truss, purity of color, habit of plant and general excellence, and especially recommend them for the embellishment of the conservatory and window garden.

Six Grand New Double Geraniums.

J. B. Varrone. Fiery carmine, with large white centre, shaded with rosy lilac; semi-double. 50 cts. each.

Richelieu. Deep scarlet, shaded with fiery orange, with maroon veiling; semi-double. 50 cts. each;

Mme. Carnot. Purest snowy white. 50 cts. each.

Pasteur. The brightest and purest scarlet of all. \$1.00 each.

M. Canovas. Brilliant fiery scarlet, veined with maroon. 50 cts. each.

Jean Remeau. Snow-white, veined with rosy violet, petals bordered with bright crimson; semi-double. \$1.00 each. Set of 6 new doubles for \$3.00.



GERANIUM "AMERICA."

Three Choice New Ivy-leaved Geraniums.

Achievement. A distinct shade of soft salmon pink; semi-double. 50 cts. each.

Leopard. Large semi-double flowers of remarkable coloring, the ground color being clear lilac-pink with heavy carmine blotches over the upper petals; absolutely distinct from any previous introduction, and may be aptly described as a Lady Washington Ivy-leaf. Unquestionably the greatest break in this section ever obtained. \$1.25 each.

The Bride. Double pure white; creeping habit. 35 cts. each.

Set of 3 new Ivy-leaved sorts, \$2.00.

Six Grand New Single Geraniums.

Chateaubriand. Brilliant scarlet, with maroon shading and delicate black veins on the upper petals. 35 cts. each.

Daumier. Soft rosy-lilac, with small white blotch on the upper petals; the centre of the flower heavily spotted with rosy anilene; one of the choicest of the Picotee section. 75 cts. each.

Lord Kitchener. Three lower petals soft scarlet; two upper clear cherry red. 75 cts. each.

Mary Pelton. Very delicate pale salmon; a beautiful shade. 75 cts. each.

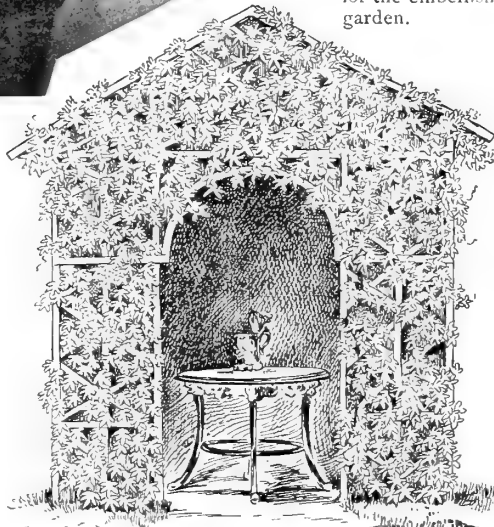
Oliver. Centre of flower snow white, suffused with a rich magenta shade, bordered with glowing scarlet around the margin of the petals. 50 cts. each.

Ponschkine. Brilliant anilene violet, two upper petals blotched with pure white, the centres of the lower petals shading into rosy white. 50 cts. each.

Set of 6 new singles, \$3.00.

New Dwarf Geranium "America."

An ideal variety for pot culture or bedding; it is a seedling from the variety Mars which has gained wonderful popularity during the past few years. It is of stronger growth and has larger foliage than the parent, but retains the same floriferousness and dwarf habit peculiar to that variety. On opening, the flowers are white with salmon centre, changing to various shades of salmon and rose; finally, when fully open to deep pure rose. As all colors appear on the same truss at one time, the effect is very novel. (See cut.) 75 cts. each; \$7.50 per doz.



GOLDEN HOP VINE.



INCARVILLEA DELAVAYI.

HUMULUS LUPULUS AUREUS (Golden Hop).

A golden-leaved variety of the common Hop Vine, possessing the same strong climbing habit and hardiness, but with bright golden yellow foliage; a most desirable addition to the list of hardy climbers. (See cut on page 14) 25 cts. each; \$2.50 per doz.

INCARVILLEA DELAVAYI.

A new hardy tuberous-rooted plant, and one of the choicest perennial plants introduced in recent years. It produces large rose-colored trumpet-shaped flowers, which last in perfection a long time; these are produced in clusters on stems 18 inches high. (See cut on page 14.) 60 cts. each.

PENTAS LANCEOLATA.

A pretty half-shrubby greenhouse plant, not unlike a Bouvardia in general appearance, but flowering more profusely and continuously. It may be planted in the open border during the summer, but it is valuable chiefly as a winter-flowering pot plant, for which purpose it is especially well suited, being in flower all the time. The pure white flowers are produced in flat heads of 15 to 30 flowers each, similar to a Bouvardia, but much larger, and last in perfection a long time. (See cut.) 25 cts. each; \$2.50 per doz.

SPIRÆA (ASTILBE) CHINENSIS.

Of recent introduction from China, entirely distinct and a grand addition to our list of hardy border plants.

It is a strong, robust grower, forming a bold clump of large handsome foliage. The flower stems are erect, about 3 feet high, leafy and much branched, and support large triangular plumes of feathery white flowers, tinted with pink. (See cut.) 35 cts. each; \$3.50 per doz.

SPIRÆA ARUNCUS KNEIFFI.

A new variety that is entirely distinct from and superior to all existing kinds. It is of bold, yet graceful habit, attaining a height of 3 to 4 feet, with finely divided fern-like foliage, and a mass of pure white flowers, which are borne in graceful feathery sprays. A valuable addition to hardy border plants and a most desirable summer cut flower. 50 cts. each.



PENTAS LANCEOLATA.

JAPANESE FERN BALLS.

(*Davallia Bullata.*)

A variety from Japan, with deep green fronds 8 to 10 inches long, from creeping rootstocks or rhizomes. These are made up by the Japanese into fanciful shapes, such as balls, wreaths and various other figures, and may be suspended from the roof of the conservatory or window garden, where they soon start into growth. These roots are fastened to a frame made of sphagnum moss, which retains the moisture, so that an occasional dipping into a pail of water is all that is required to keep the plants in a good growing condition. As we have found the ball-shaped forms to give the best results, as well as being the most artistic in appearance, we only offer this shape. \$1.00 each.



PHLOX. F. G. VON LASSBURG.

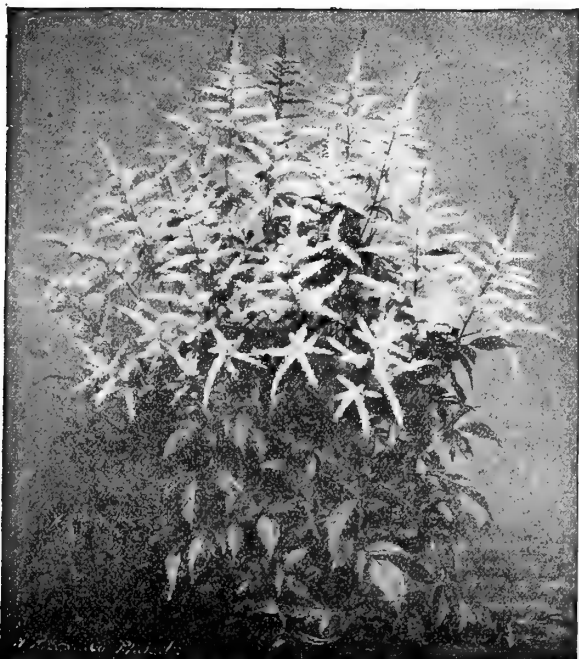
NEW PERENNIAL PHLOX.

Wonderful strides have been made in recent years in the perfecting of the perennial Phloxes. The varieties listed below are the "cream" of recent introductions, and are a superb collection.

- C. Commerell.** A beautiful variety of a soft shell pink, marked with rays of white and deep pink. 50 cts.
- Consel H. Trost.** A good soft colored rich crimson, of good size and of free, vigorous habit. 25 cts.
- Fantome.** Entirely distinct, rosy lilac shading to white at edges; a fine large individual flower and truss; very compact and remarkably free-flowering. 25 cts. each.
- F. G. Von Lassburg.** This is the ideal white variety; color pure snowy white, flowers of immense size, measuring 1 7/8 inches in diameter, produced on large, strong, branched panicles. This is simply perfection and will undoubtedly supersede all others of this color. (See cut.) 50 cts. each.
- H. Hassack.** Intense orange scarlet, deep maroon edge; one of the brightest and richest in cultivation. 50 cts.
- Inspector Peicker.** Pure lilac suffused with white; a strong, robust grower with large branching panicles. 25 cts.
- La Mahdi.** A fine light purple rich and glowing, habit very dwarf and very free. 25 cts. each.
- Papillon.** A fine flower with large overlapping petals, one-half of same being of a bright lilac suffused with white, the other half being white suffused with lilac. 25 cts. each.
- Roxelane.** Crimson purple; very free and decided. 25 cts.
- W. Clibran.** A most distinct and handsome variety; very free; white suffused with rosy pink, with distinct bright red centre. 25 cts.

All the above varieties will be ready for distribution about March 1st.

One each of the set of 10 varieties for \$2.50.



SPIRÆA CHINENSIS.



TRADESCANTIA SUPERBA.

WATSONIA ARDERNEL.

A bulbous plant that is closely allied to the Gladiolus, and that will succeed under similar cultivation, or which may be grown as a pot plant and flowered in the conservatory or greenhouse; the foliage is similar to that of the Gladiolus, from which rise stems 4 feet or more in height, which are branched, 5 or 6 branches frequently being on one stem, and bearing many long-tubed, open flowers, 2 inches across, which are of the purest glistening white. (See cut.) 75 cts. each.

YUCCA FILAMENTOSA BICOLOR.

Everyone is familiar with the common *Yucca Filamentosa*, or Adam's Needle, a plant with evergreen foliage and tall spikes of creamy white drooping bell-shaped flowers, which are produced in the greatest profusion about midsummer. In the variety here offered is added the charm of beautiful variegated foliage, the leaves being longitudinally striped with yellow. A pretty and interesting plant that will succeed in any position. (See cut.) \$1.00 each.

TRITOMA PFITZERII.

(Flame Flower.)

A grand improvement of the old *Tritoma Uvaria Grandiflora*, or Red-Hot Poker. The flower spikes, which are produced with considerable more freedom than in the old variety, are of gigantic size, frequently $4\frac{1}{2}$ feet high, with heads of bloom over 12 inches long, of a rich orange-scarlet, shading to salmon-rose on the edge; a really first-class acquisition. 25 cts. each; \$2.50 per doz.

WEIGELIA EVA RATHKE.

It is rarely that we notice decided novelties in this popular shrub, but in this variety we certainly have a grand acquisition, a variety that is at once a remarkably free bloomer and entirely distinct color, being a rich reddish-purple, quite different from anything heretofore offered. (See cut on page 172.) 50 cts. each.

NEW CRIMSON-SCARLET ROSE "LIBERTY."

The finest Rose of this color ever introduced. See description and illustration on page 142.

TWO NEW RUSSELIAS.

The *Russelias* are useful basket or vase plants, of graceful drooping habit, producing freely tubular rich colored flowers. The varieties here offered are entirely distinct from the old favorite *Russelia Juncea*, and are a distinct break in this class of plants.

Russelia Lemoinei Multiflora. The primary stems are strong and vigorous; flower panicles being extremely long and are covered with tassels of flowers one above the other; color a magnificent coral red.

Russelia Lemoinei Elegantissima. The primary stems are finer than in *Multiflora*, and closely covered with foliage, very graceful in their arching form; the bloom is so freely produced as to completely cover the plant; flowers bright soft red. 15 cts. each; \$1.50 per doz.; one of each for 25 cts.

TRADESCANTIA SUPERBA.

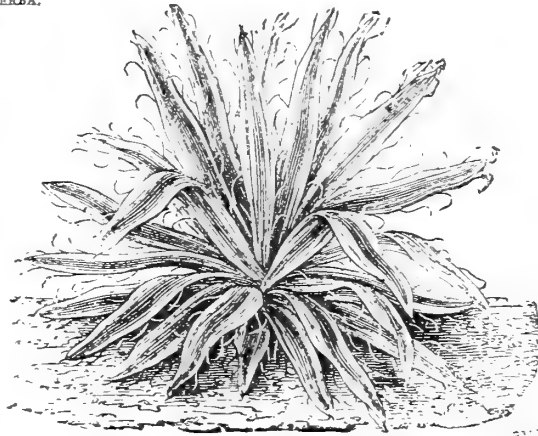
A handsome hot-house decorative plant, growing about 15 inches high, with dark green foliage, beautifully marked with white, reverse side a deep purple. (See cut.) \$1.50 each.

TROLLIUS CAUCASICUS (Orange Globe).

A fine new variety of the Globe-flower, attaining a height of 3 feet and producing very large globular flowers of a deep orange color during the entire summer; a valuable addition to our list of hardy border plants. 50 cts. each; \$5.00 per doz.

NEW TROPEOLUM PHEBE.

A most attractive and deliciously-scented variety, producing flowers throughout the winter and summer season, of a deep golden yellow, with a rich crimson-feathered blot in each segment, outer edges notched or scalloped, the whole forming into an exquisitely-shaped blossom. A free, vigorous grower. When in the height of its perfection, strings of growth 8 to 10 feet long, resplendent with its parti-colored flowers, can be cut for decoration. A grand trailer for the greenhouse in early spring, or out doors during the summer. (See cut on page 141.) 15 cts. each; \$1.50 per doz.



YUCCA FILAMENTOSA BICOLOR



WATSONIA ARDERNEL.

DREER'S GARDEN CALENDAR FOR 1900.

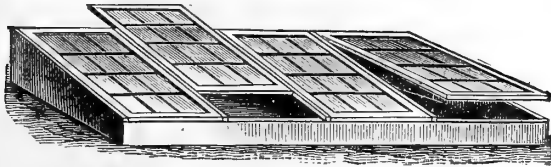
THE VEGETABLE GARDEN

Should be covered the year through with a growing crop. Something should always be beginning, coming on, ready for use, and passing. In winter it should be a cover crop to keep the soil in heart and to prevent the atmosphere from absorbing its richness, or it may be Spinach, Kale, Parsnips, or Turnips, covered lightly for protection. If practicable, the garden should have a warm and southeasterly exposure. But when the ground slopes to the north and west it is important to have it located on the sunny side of an orchard or buildings. The most desirable situation possible should be set apart for the kitchen garden, as the exposure has much to do with the early maturity of the crops. The soil must be in a friable state to secure the prompt vegetation of the seeds and the proper growth of the plants, and should be well drained, thoroughly trenched, and enriched by a judicious application of manure. A hot-bed will be found a great convenience and help in starting certain plants early in the spring and cold frame for wintering over plants. For those who desire to make either hot-bed or cold frame we give information below, which will enable them to construct either at little trouble or expense. The culture of Vegetables is exhaustively treated in our new book, "**Open-Air Vegetables.**" (See page 193.)

Rotation of Crops.—A rotation of crops is as essential in vegetable gardening as in farming, as different plants appropriate different ingredients from the soil. Care should be taken that deep-rooted plants, such as Beets, Carrots, Parsnips, etc., are not planted successive seasons on the same soil, but should be followed by those plants whose roots extend but little below the surface, such as Onions, Lettuce, Cabbage, Spinach, etc.; plants of the Brassica, or Cabbage tribe, are apt to become diseased at the roots (club-rooted, as it is termed) if too frequently planted in the same ground.

Our Seeds are Tested.—We will not under any circumstances send out seeds of doubtful character, and for the protection of our customers we invariably make a thorough and critical test of all seeds received from our growers, and they must be of the highest degree of germination. During the summer we also conduct extensive purity tests at our Trial Grounds at Riverton, N. J., where an outdoor test is made of all varieties. Thus we know the quality of our seeds, both as to their germination and purity.

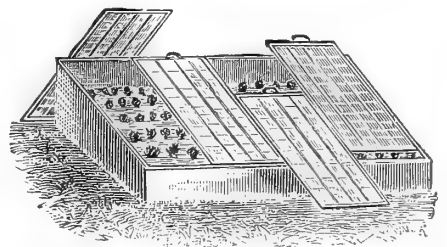
HOW TO MAKE COLD FRAME AND HOT-BED.



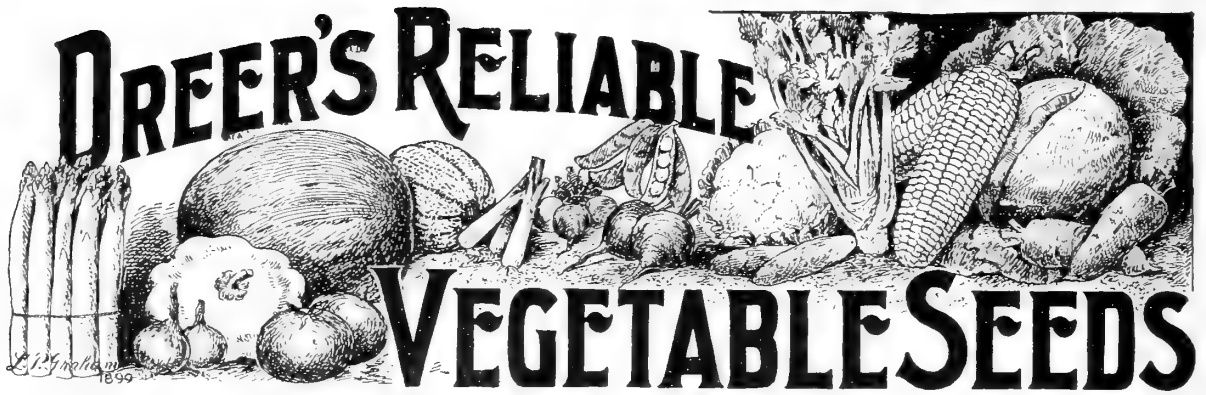
COLD FRAME.

easily worked and well drained. Rotted sod is best basis for such soil, and a heap of sod should always be on hand in a convenient place. On mild days air should be admitted in order to keep the plants in a dormant state, care being taken not to freeze them; this will prepare them for early setting out in spring. During cold weather the frames should be covered with mats, or have a thick covering of straw or hay during the nights.

The Hot-bed is usually made ready in February or March in the latitude of Philadelphia, and should be located in a sunny part of the garden facing the South, and should have the protection of a wall, a fence or hedge at back. The sash, which are 3 x 6 feet, can be purchased of us ready made and glazed; the sides and back can be made of rough lumber. Begin by digging a trench two feet deep and a few inches short of the width and length of sash to be used, line the sides with boards about one inch thick, making the back extend 18 inches above the soil level and the front 12 inches, in order to give proper slant to sash, so as to admit the sunlight, and also that the rain may flow off freely. The framework should be banked up on the outside with coarse manure, straw or litter, in order to keep out the cold air. The manure to be used should be thoroughly forked over about one week before making the bed, and a sprinkling of hot water made to hasten fermentation. In about a week, when heat has gone down to 95° to 100°, the manure is ready for the bed. After tramping the prepared manure firmly in the hot-bed to a depth of one foot, cover it with at least four inches of clean, well rotted soil, and put on the sashes. Place a thermometer in the bed and await results. In the course of two or three days the bed may be trusted with the seeds. The thermometer ought not to register much over 70°; if the heat is greater it is better to delay planting for a few days. The night heat should not fall below 50°. Shutters, mats, carpets or litter will make it easy to keep young plants warm at night. Do not try to raise Egg Plants, Peppers and Tomatoes in the same hot-bed with Cabbage and other half-hardy plants that require air every mild day; by such management one or the other must suffer—heat being the principal requisite of tender plants and air that of the more hardy varieties.



HOT-BED.



DREER'S SEEDS have been for Sixty-two Years a Standard Among the Best Gardeners of this Country for Undoubted Purity and Excellence.

Seeds and Plants are now taken by leading Express Companies at a reduction of 20 per cent. from regular rates of merchandise.

Cultural directions given are for latitude of Philadelphia. Farther South plantings should be made earlier; in the North, later.

ARTICHOKE.

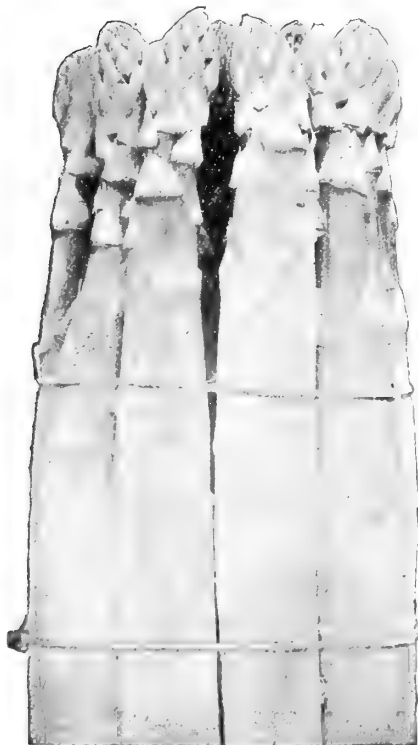
The undeveloped flower-heads are used. They are boiled and served with Mayonnaise dressing. Sow seed early in spring, in drills 1 foot apart. The next spring transplant to permanent beds, in rows or hills, 3 feet apart and 2 feet between the plants. It likes a deep, rich, moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure.

Large Green Globe. The best for general culture. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00

Jerusalem Artichoke. Entirely distinct from the Globe variety, and propagated by and for its tubers. An excellent table vegetable; boil, like potatoes, then rub off the skin and serve with white sauce; also used for pickling and for feeding stock; yield about 300 bushels per acre. Qt., 15 cts.; peck, \$1.00; bu., \$3.00. (2 lbs. by mail, 50 cts.) Special prices on large quantities.

ASPARAGUS SEED.

One ounce will sow 50 feet of drill; 5 lbs. to the acre.



DREER'S ECLIPSE ASPARAGUS.



LARGE GREEN GLOBE ARTICHOKE.

Sow in April or May, in rows 1 foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of 18 inches. On the approach of winter cover with manure or compost; fork the beds early in spring, and apply a dressing of salt or kamit at the rate of 600 lbs. an acre.

Cut for use the second year after planting.

Dreer's Eclipse (see cut.) One of the largest and best. Stalks frequently measure 2 inches in diameter, and, even when 12 to 15 inches long, are perfectly tender and of a delicate light green color. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Barr's Mammoth. A fine, large-stemmed green variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Conover's Colossal. Large and productive. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

Palmetto. An early, prolific and very desirable variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Donald's Elmira. Of mammoth size, fine quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Columbian Mammoth White. A new variety, producing white stalks of large size and finest quality; a valuable introduction. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Dreer's Special Circular on Asparagus Culture Free.

ASPARAGUS ROOTS.

For field culture plant in rows 4 to 5 feet apart, and from 2 to 3 $\frac{1}{2}$ feet apart in the row. For an ordinary garden a bed of 20 x 50 feet would require from 200 to 250 plants, allowing 3 feet between the rows and 18 inches between the plants in the row.

Strong two-year-old Roots. Add 40 cts. per 100 extra if sent by mail. **DREER'S Eclipse. Palmetto. Barr's Mammoth. Columbian Mammoth White.** \$1.00 per 100; \$6.00 per 1000.

Conover's Colossal. 75 cts. per 100; \$5.00 per 1000.

"Asparagus Culture." The Best Methods Employed in England and France. By James Barnes and William Robinson. Price, 50 cts., by mail.

BEANS—Dwarf or Bush.

One quart will plant one hundred feet of drill.

The varieties of this class are tender, and will not bear much cold. Plant about the middle of April, if the ground is warm and the season favorable, and at intervals throughout the season for a succession, finishing about the 15th of August. The best mode of culture is in rows 2 feet apart, and the beans 2 inches apart and 2 inches deep in the rows. Keep well hoed, and draw the earth up to the stem, but only when dry; working them when wet with rain or dew will cause them to rust and injure the crop.

Note.—BEANS of all varieties were an extremely short crop last summer, and prices rule higher. We would also advise early orders, as when stocks in hand are sold it will be impossible to replenish from reliable sources.

If Beans and Peas are wanted by mail, add 8 cts. per pint, 15 cts. per quart, for postage.

GREEN PODDED VARIETIES.

Sion House. One of the old forcing sorts, with mottled pods, long, flat and tender. Pkt., 10 cts.; pt., 30 cts.; qt., 50 cts.

Triumph of the Frames. Splendid for forcing. Produces a mass of pale green pods; is very dwarf, prolific and of rich, tender quality. Pkt., 10 cts.; pt., 30 cts.; qt., 50 cts.

Long Yellow Six Weeks (Flat-pod). Very early and prolific; long green tender pods; matures quickly. Pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; peck, \$1.50.

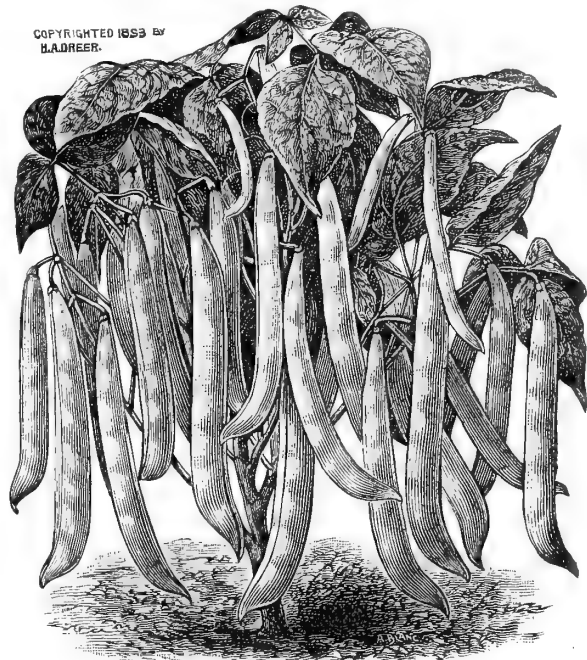
Stringless Green Pod (Burpee's) (see page 1). This variety is positively stringless, and remains tender and crisp longer after maturity than any other variety. The pods are of pale green, long and straight, perfectly round and meaty, maturing with the earliest of the green-pod varieties. Pkt., 10 cts.; pt., 20 cts.; qt., 40 cts.; $\frac{1}{2}$ peck, \$1.25; peck, \$2.50.

Improved Extra Early Red Valentine (see cut). Pure seed of this is very scarce this season. Our strain of this popular variety is the best, pods are round and fleshy and are ready to pick, under favorable conditions, in 32 days from germination. It is one of the most profitable sorts for private use or market. Pkt., 10 cts.; pt., 15 cts.; qt., 30 cts.; peck, \$2.00; bu., \$8.00.

Extra Early Refugee. A profuse bearing variety. One of the very best early sorts. Pkt., 10 cts.; pt., 15 cts.; qt., 30 cts.; peck \$2.00; bu., \$8.00.

Early Mohawk. The hardiest of the early varieties; also good for autumn picking. Pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; peck, \$1.75.

White Valentine. The seed being white, gives it additional value, as it can be used as a snap-short or a winter shelled bean. Pkt., 10 cts.; pt., 15 cts.; qt., 30 cts.; peck, \$2.50.



IMPROVED RED VALENTINE BEAN.

Boston Pea Bean (Navy). An excellent variety of very productive habit; for baking they excel all other sorts. Pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; peck, \$1.25; bu., \$4.50.

Black Turtle Soup. Used as a winter shelled bean, for which it is much esteemed. Pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; peck, \$1.25; bu., \$4.50.

White Marrowfat. Extensively grown for sale as a dry bean for winter use; excellent shelled, either green or dry. Pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; peck, \$1.25; bu., \$4.50.

White Kidney or Royal Dwarf. A superior kind for baking, and is also excellent when shelled green. Pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; peck, \$1.25; bu., \$4.50.

Green Flageolet (Wonder of France). Used extensively, shelled when in green state; of delicious quality; pods emerald green, long and straight. Pkt., 10 cts.; pt., 15 cts.; qt., 30 cts.

Broad Windsor (English). Used only as a shelled bean. Plant as soon as the frost is out of the ground, in drills 3 feet apart and 2 inches deep. Pinch off the top as soon as the lower pods begin to fill. Pkt., 10 cts.; pt., 25 cts.; qt., 40 cts.

BUSH LIMA BEANS.

The dwarf-growing Lima Beans are fast growing in popularity, particularly for the private garden where the use of poles is an objection. Our stocks of all the varieties are fine, the best on the market.

gether in the pods, producing 3 to 4 and sometimes 5 in a pod, and are thick, sweet and succulent, equal in quality and tenderness to Dreer's Pole Lima. Pkt., 10 cts.; pt., 25 cts.; qt., 50 cts.; peck, \$3.00.

Burpee's Bush Lima. A true bush form of the Large White Lima; requires no poles. Pkt., 10 cts.; pt., 20 cts.; qt., 40 cts.; peck, \$2.50.

Henderson's Bush Lima. A dwarf variety of the Sieva or Southern Lima, produces enormous crops two weeks earlier than the climbing Limas. Pkt., 10 cts.; pt., 20 cts.; qt., 40 cts.; peck, \$2.50.



New Wonder Bush Lima (Dreer's). (For full description and illustration see page 1.) The earliest, dwarfest, most prolific and best quality of all, and should be planted in every garden, where, for space occupied, it will give the largest and best returns of any other vegetable. Pkt., 10 cts.; 3 pkts., 25 cts., postpaid; pt., 40 cts.; qt., 75 cts.

Dreer's Bush Lima (see cut). A dwarf variety of the Dreer's Improved Lima which has been fixed in its character of a bush bean; it is very prolific, single plants often producing from 150 to 200 pods. The beans grow close to-



SCARLET FLAGEOLET, OR PERFECTION WAX BEAN.

Early Refugee Wax. A perfect Refugee with wax pods, long, round, of a golden-yellow color. One of the earliest. Pkt., 10 cts.; pt., 20 cts.; qt., 40 cts.; peck \$2.00.

Wardwell's Kidney Wax. One of the best Wax Beans, bearing long, flat pods, of a delicate waxy yellow, stringless and brittle, producing a heavy crop. Our several years' trials of this excellent bean has proved it to be one of the earliest large wax beans grown; we cannot say too much in its favor. Pkt., 10 cts.; pt., 20 cts.; qt., 40 cts.; peck, \$2.00.

Currie's Rust-Proof Wax. This variety is claimed to be absolutely rust-proof; pods long, flat, tender and of fine quality. It is early, productive and a good all-round bean; ripens about with the Kidney Wax. Pkt., 10 cts.; pt., 20 cts.; qt., 40 cts.; peck, \$2.00.

Improved Rust-Proof Golden Wax (see cut). The standard variety for general use; pods long, nearly straight, broad, flat and clear yellow. Pkt., 10 cts.; pt., 20 cts.; qt., 40 cts.; peck, \$2.00.

Improved Prolific Black Wax (*Cylinder Wax*). Improvement on the old Black Wax; pods waxy yellow, very tender and productive. Pkt., 10 cts.; pt., 20 cts.; qt., 40 cts.; peck, \$2.00.

Saddle-Back Wax. Pod large, long, round, very solid and absolutely stringless; an excellent variety. The plants grow very vigorous and produce a large number of pods, as many as 25 to 35 pods to the plant. Pkt., 10 cts.; pt., 25 cts.; qt., 50 cts.; peck, \$2.50.

Roger's Lima Wax. A dwarf variety of the wax family, bearing broad, medium long pods of a golden-yellow; extremely prolific. Pkt., 10 cts.; pt., 25 cts.; qt., 40 cts.; pk., \$2.75.

Davis Wax. A white, rustless, productive wax-podded bean; pods flat, very long, white, straight and handsome; valuable for market gardener's and canner's use. Pkt., 10 cts.; pt., 20 cts.; qt., 40 cts.; peck, \$2.00.

Yosemite Mammoth Wax. A giant among beans. The pods, frequently reaching a length of 8 to 10 inches, are of great thickness and solidity. They are of a rich golden-yellow color and absolutely stringless. Pkt., 10 cts.; pt., 25 cts.; qt., 50 cts.; peck, \$2.50.

Valentine Wax (see cut). An improved extra early Valentine Bean, with round wax pods. It is without exception the earliest Wax Bean, being even earlier than Refugee Wax. The pods are very meaty, and with so very little string that they may justly be called stringless. It is remarkably free from rust and remains a long time without becoming tough; specially recommended to market gardeners on account of its heavy cropping qualities. Pkt., 10 cts.; pt., 15 cts.; qt., 30 cts.; peck, \$1.75.

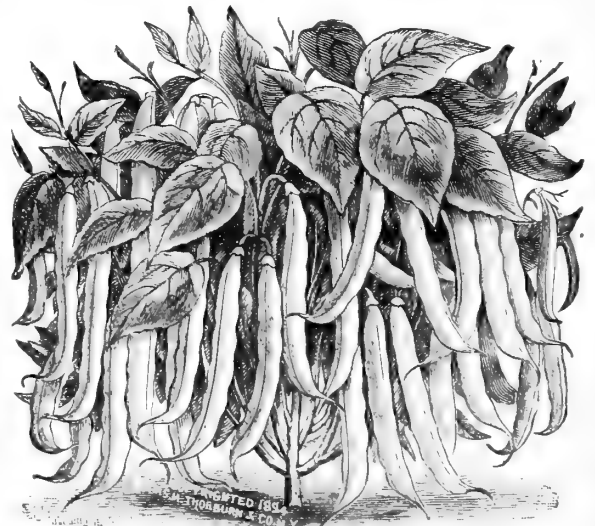
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BEANS.

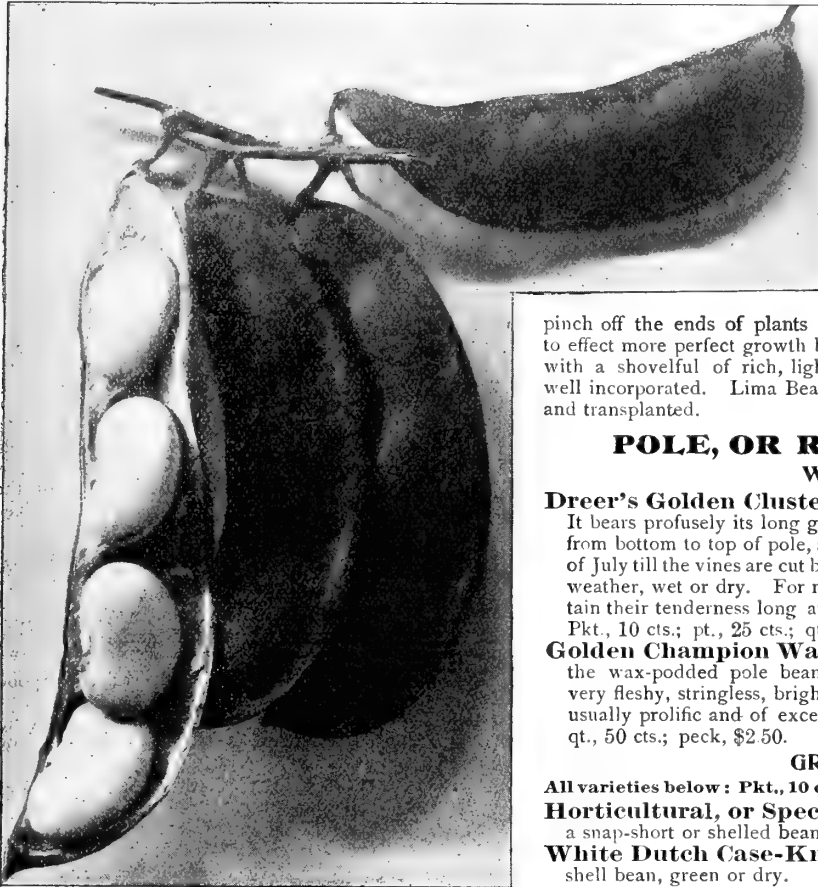
(WAX OR YELLOW-PODDED VARIETIES.)

During the past summer we made thorough and exhaustive trials at our experimental grounds, planting all the leading varieties of beans, both green and wax-podded sorts, also many new varieties of American and European origin, and the results show that the varieties we catalogue are the cream of the entire list; all the leading types are represented and are in character and merit fully up to any of the French, English, German and American introductions which are sold at fancy prices.

Scarlet Flageolet, or Perfection Wax (see cut). An excellent golden-podded dwarf bean, enormously productive and of very healthy and vigorous growth. The pods are a rich golden yellow color and very large, stringless, tender and of fine flavor. Pkt., 10 cts.; pt., 20 cts.; qt., 40 cts.; peck, \$2.00.



VALENTINE WAX BEAN.



SIEBERT'S EARLY LIMA, 1/2 NATURAL SIZE.

Scarlet Runner. A great favorite, producing clusters of beautiful scarlet flowers.
White Creaseback, or Best of All. One of the earliest green-podded pole beans, productive, fine quality.
Kentucky Wonder, or Old Homestead. Producing, in clusters, excellent snap-short beans in eighty days.

POLE LIMA BEANS.

Early Jersey Lima. A few days earlier than the large lima. Pkt., 10 cts.; pt., 20 cts.; qt., 40 cts.; peck, \$2.50.
Dreer's Improved Lima. A very superior early variety of excellent quality and great productiveness. This variety is without doubt the best for private gardens. Pkt., 10 cts.; pt., 25 cts.; qt., 50 cts.; peck, \$2.50.
Siebert's Early Lima (see cut) An improvement on the large lima, pods being peculiarly thin and flexible, so that they are more easily shelled than other beans. When in condition for use they are large and very handsome in shape and color. It is the earliest large lima. Vines are hardy and very productive. Pkt., 10 cts.; pt., 25 cts.; qt., 50 cts.; peck, \$2.50.
Large Green Lima. Largely grown and highly esteemed. Pkt., 10 cts.; pt., 25 cts.; qt., 50 cts.; peck, \$2.50.
King of the Garden Lima. A vigorous grower, bearing profusely large pods, varying in length from 5 to 8 inches. The beans are large and of rich flavor. Pkt., 10 cts.; pt., 20 cts.; qt., 40 cts.; peck, \$2.00.
Ford's Mammoth Lima. A choice selection of the large lima. It produces pods and beans of enormous size and in great abundance. Pkt., 10 cts.; pt., 25 cts.; qt., 50 cts.; peck, \$2.50.
Small Lima, or Sieva. The earliest lima, prolific; beans small, good quality. Pkt., 10 cts.; pt., 20 cts.; qt., 40 cts.; peck, \$2.00.

SUGAR BEETS.

Sow same as Mangels, except thin to 6 to 8 inches in the row.

Price: 1/4 lb., 15 cts.; lb., 40 cts., by mail; 10 lbs., \$3.00, by express.

Klein Wanzleben (see cut). This variety is without question the best in cultivation for making sugar; not the largest in size, but the richest in saccharine matter.
White Sugar Green-Top. A large growing variety, excellent for stock-feeding and sugar-making.
Improved Imperial White Sugar. An improvement on the other large varieties of sugar beets; hardy and more sugary.
Lane's Improved White Sugar. This beet attains a large size and grows considerably above the ground.



KLEIN WANZLEBEN SUGAR BEET.

POLE BEANS.

Stangen Bohnen, GER. Haricots à rames, FR. Frijol vástago, SP.

One quart will plant about one hundred hills.

These require poles 8 to 10 feet long. The beans should be planted the middle of May if the season is suitable. Lima Beans are apt to rot if planted too early. Set poles 4 feet apart each way, and plant 4 to 6 beans, about 1 inch deep, around each pole. Thin out to 3 plants to a pole, if the soil is rich;

pinch off the ends of plants when they overrun the top of the poles, to effect more perfect growth below. They succeed best in sandy loam, with a shovelful of rich, light and well-rotted compost to each hill, well incorporated. Lima Beans for early use may be grown in frames and transplanted.

POLE, OR RUNNING BEANS. WAX POD.

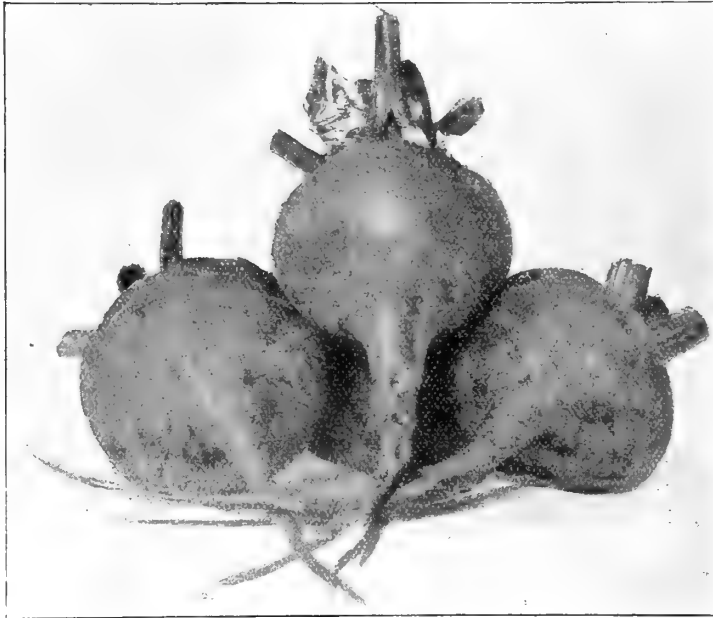
Dreer's Golden Cluster Wax. This is a first-class pole bean. It bears profusely its long golden-yellow pods in clusters of 3 to 6 from bottom to top of pole, and continues in bearing from the middle of July till the vines are cut by frost. This variety endures all kinds of weather, wet or dry. For market it excels all others. The pods retain their tenderness long after the beans have attained a large size. Pkt., 10 cts.; pt., 25 cts.; qt., 50 cts.; peck, \$2.50.

Golden Champion Wax. The earliest and one of the best of the wax-podded pole beans; pods long, cylindrical, much curved, very fleshy, stringless, bright golden-yellow, borne in clusters, unusually prolific and of excellent quality. Pkt., 10 cts.; pt., 25 cts.; qt., 50 cts.; peck, \$2.50.

GREEN POD.

All varieties below: Pkt., 10 cts.; pt., 20 cts.; qt., 40 cts.; peck, \$2.00.
Horticultural, or Speckled Cranberry. Equally good as a snap-short or shelled bean in the green or dry state.
White Dutch Case-Knife. One of the earliest, used as a shell bean, green or dry.

White Dutch Runner. An ornamental variety; large white seed and beautiful clusters of white flowers; good as a shelled bean.



CROSBY'S EGYPTIAN BEET.

Arlington Favorite Blood. A dark-leaved, early blood variety, closely following Eclipse in maturing, but of much darker color and superior in quality; perfectly round; it differs from the other blood sorts in that it has the sweetness of the Bassano; excellent for market. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Excelsior Blood. Of superior quality; color and substance of flesh are perfect, being fine-grained with smooth skin and small tops; very early. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Bastian's Early Blood Turnip. Very early; of quick, large growth, fine turnip form and bright red color.

Lentz Turnip. Of similar size and shape to the Bastian turnip; top small; dark red and white; early and profitable.

MANGEL WURZEL.

Sow 6 pounds to acre, in May or June. Rows 2 to 3 feet apart. Thin to 9 inches. Cultivate with horse.

Price: $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts., by mail; 10 lbs., \$3.00, by express.

Mammoth Long Red. A favorite variety with farmers and dairymen, extensively grown. Enormous cropper.

Golden Tankard. Considered indispensable, owing to its productiveness and richness in saccharine matter. Deep yellow flesh and skin. Especially relished by sheep.

Golden-Yellow Mammoth. A long mangel, resembling in form and size the Red Mammoth; flesh, leaf-stalk and mid-rib golden yellow; flesh rich in saccharine matter (sugar). Should be grown by all dairymen.

Red Globe. A large, red, oval variety; keeps well, and produces better crops on shallow soil than the Long Red.

Yellow, or Orange Globe. Same as above, only different in color.

BROCCOLI.

Spargel-Kohl, GER. Chou-Brocoli, FR. Brocoli, SP.

White Cape. The best variety. Large, compact heads of a creamy white color and of good flavor. Can be grown where Cauliflower makes an uncertain crop. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

BRUSSELS SPROUTS.

Rosen-Kohl, GER. Chou de Bruxelles, FR.

One ounce will sow 200 feet of drill.

Sow the seed in the open ground in May and June, even as late as July; thin out when well established, allow the strongest to remain in row. Can be transplanted, but it is preferable to let them remain where sown; cultivate same as late cabbage. The sprouts are better flavored and more tender after touched by frost.

Dreer's Seltet Matchless (see cut). A free-growing sort, producing well-developed sprouts the entire length of the stem. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Long Island Half-Dwarf. Dwarf robust habit; much freer from mildew and aphid than foreign sorts. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

BEETS.

One ounce will sow 50 feet of drill; 5 to 6 pounds for an acre. The soil best suited for Beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand 6 inches apart in rows; continue for a succession as late as the middle of July. Keep well cultivated.

Price: Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts., except where noted.

Dirigo. (See illustration and description, page 1.)

Crosby's Egyptian (see cut). An improved strain of the Egyptian Beet, specially recommended as an extra early sort. It is much thicker than the original strain, of better color and quality, besides being smoother. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Extra Early Egyptian. One of the earliest, of good quality and of medium size; a fine forcer, small top.

Early Eclipse. Smooth and round; skin and flesh intense red; fine-grained and sweet; an excellent sort for forcing.

Early Bassano. A very early flat variety, tender, juicy; flesh white and rose-colored, very sweet.

Early Blood Turnip. A second early variety, of good quality, blood-red, tender, and good for late keeping.

Edmand's Blood Turnip. An excellent variety to follow the extra early varieties; flesh dark red and white, sweet and of good flavor.

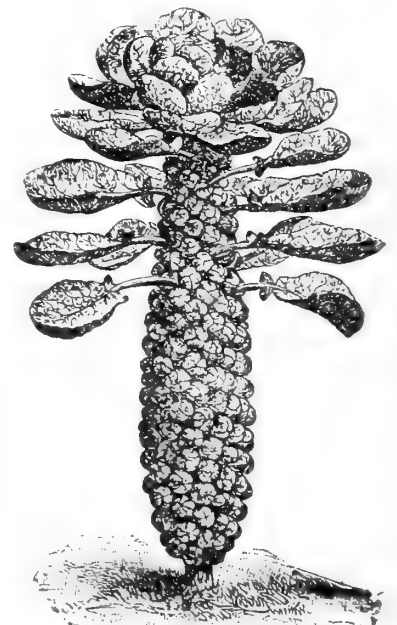
Dewing's Improved Blood Turnip. An improved variety of the Early Blood turnip, of deep, blood-red color, fine form and flavor; an excellent market sort.

Bastian's Half-Long Blood. Of bright color and excellent quality; a valuable variety to follow Bastian's Extra Early; for winter use sow early in July.

Long Dark Blood. A good late variety for fall and winter use, sweet and tender.

Swiss Chard. The mid-rib is stewed and served like asparagus, and the leaves used same as spinach.

SUGAR BEETS. (See page 21.)



DREER'S SELECT MATCHLESS.

CAULIFLOWER.

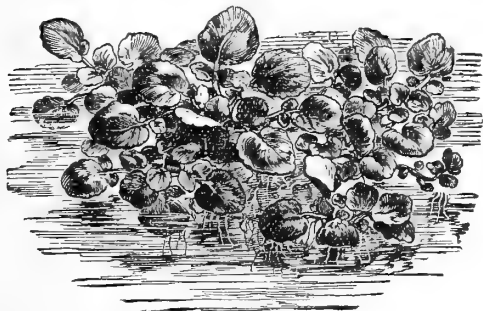
Sow the seed in a hot-bed in January or February, and when the plants are large enough transplant three inches apart in boxes or in other hot-beds until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, 2½ feet apart each way. Keep them well hoed, and bring the earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head. The Cauliflower succeeds best when planted in frames at the close of winter and brought to maturity before the summer heat sets in. The late varieties mature in the autumn, and are sown and managed similar to winter cabbage.

DREER'S Earliest Snowstorm. The earliest and best of all for forcing or in the open ground. (See illustration and read full description of this grand Cauliflower on page 2.) Pkt., 25 cts.; ¼ oz., \$1.50; oz., \$5.00.

DREER'S Selected Dwarf Erfurt. One of the earliest in cultivation; small-leaved dwarf, for forcing or open ground, producing very solid pure white heads of the finest quality. It grows about 15 inches high, and in ordinary seasons every plant will produce a marketable head. For an all-round market gardener's variety, we consider this the best for general outside use. Pkt., 20 cts.; ¼ oz., 75 cts.; oz., \$2.50; ½ lb., \$8.00.

Early Snowball. An extremely early dwarf variety, producing magnificent white heads, of fine quality. Well adapted to hot-bed culture. Pkt., 20 cts.; ¼ oz., 75 cts.; oz., \$2.50; ½ lb., \$8.00.

Early Dwarf Erfurt. An early market variety, very productive, with large white compact heads of good quality. Pkt., 10 cts.; ¼ oz., 50 cts.; oz., \$1.50; ½ lb., \$5.00.



WATER-CRESS.

CRESS.

Garten und Brunnen Kresse, GER. Cresson, FR.

Sow thickly in shallow drills, early in the spring and at intervals throughout the season, for a succession, as it soon runs to seed. Water-Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it. It is easily introduced by planting along the margins of ditches or streams, and increases rapidly by the spreading of the roots or from the seed.

Extra Curled, or Peppergrass. Fine flavor, and the best sort for dry soils. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

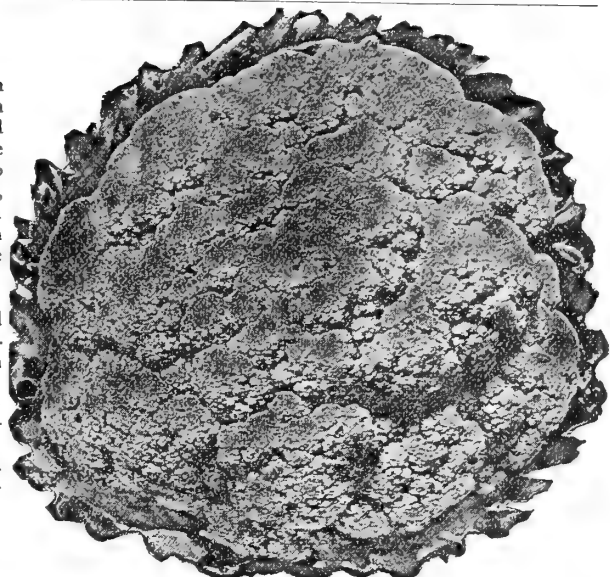
Upland Cress. A perennial plant, grown in the same manner as spinach; resembles Water-Cress in flavor. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., \$1.50.

Erfurt Water-Cress. A most desirable and appetizing salad, thriving best in shallow water, on the edges of streams. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25.

CARDOON.

The midribs of the leaves are the edible parts and generally used in soups or stews, after being blanched in the same manner as celery. They are in perfection during the autumn and winter. Sow in April in drills 1 inch deep; when one year old transplant in trenches of well-manured ground 3 feet apart and 1 foot in the rows. The roots remain from year to year.

Large Smooth Solid. The best variety grows about 4 feet high; leaves nearly free from spines. Pkt., 10 cts.; oz., 40 cts.



EARLY SNOWBALL CAULIFLOWER.

Cauliflower, Late Varieties.

Pkt., 10 cts.; ½ oz., 40 cts.; oz., 75 cts.

Half-Early Paris. A popular white sure-heading variety, good for early or late use.

Lenormand's Short Stem. A large, late, short-stemmed variety, with well-formed heads, of extra quality.

Algiers. An extra fine late variety, suitable for market and sure to head.

Veitch's Autumn Giant. One of the finest late varieties, of robust habit; heads large, compact and thoroughly protected by the leaves.

Cauliflower and Cabbage Plants (see page 48).

CHICORY.

Common, or Wild. This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June, the roots are transplanted in autumn into sand in the cellar; the shoots, which will come up soon, form the "Barbe de Capucin." Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00.

Large Rooted. Used to mix with or as a substitute for coffee. Cultivate the same as carrot. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00.

CHERVIL.

Curled Chervil. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.

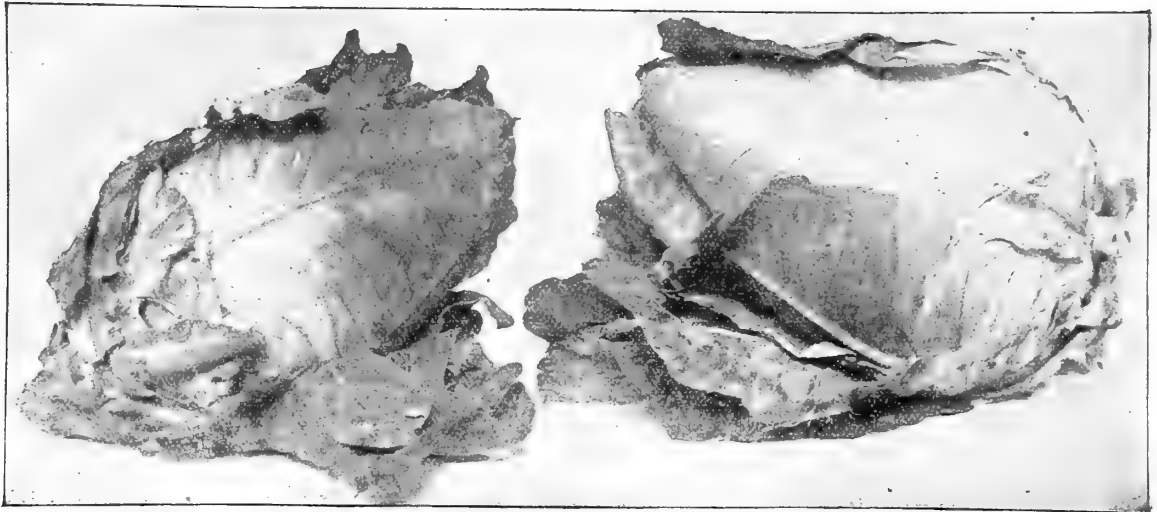


LARGE SEEDED CORN SALAD.

CORN SALAD (Fetticus).

Used as a salad throughout the winter and spring, and extensively grown for market. Sow in spring, in drills 1 foot apart; it will mature in six to eight weeks. For winter and early spring use, sow in drills in August and September. Cover with straw on the approach of winter, the same as Spinach.

Large Seeded. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.



EARLY JERSEY WAKEFIELD.

LARGE JERSEY WAKEFIELD (CHARLESTON).

...CABBAGE...

For very early use sow in January or February in hot-beds; prick out when the plants are strong enough, into other hot-beds; or sow in cold frames in March, transplant when danger from killing frosts is passed to the open ground, in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. The autumn and winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart; transplant early in July, in rows 2½ feet apart, and 2 feet in the row. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed. The late plants are subject to attacks of the cabbage-fly, which destroys them as fast as they appear above ground. To preserve the plants sprinkle them with wood ashes, air-slacked lime, plaster, slug-shot or tobacco dust early in the morning while the plants are wet with dew.

EARLY VARIETIES.

Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50, except where noted.

Early Jersey Wakefield (see cut). The leading early variety and the best for private or market gardener's use. We have sold this sort for the past twenty-six years. Our strain is being constantly improved, both in purity and earliness. There is no Cabbage so widely known as the Early Jersey Wakefield. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.

Large Jersey Wakefield (Charleston) (see cut). Selected stock. Large solid heads, of good quality, a few days later than Early Jersey Wakefield; specially recommended for institutions and market gardeners, producing fully twice as much per acre as the early variety. The strain we offer is of exceptional purity and cannot fail to give satisfaction, as it combines all the good qualities of an early long-keeping sort, which is especially desirable for shipping. This sort is grown around Philadelphia in large quantities for shipping long distances, and is practically the best large early sort on the market. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.

Early Spring. This variety fills a long-felt need. It is fully as early as the Jersey Wakefield, but the heads are of the round, flat type of Early Summer. It has very few, small outer leaves, thus allowing its being planted as close as any variety known, and producing the largest number of heads per acre. Stem short and heart very small, making almost entire head fit for use. The quality is extremely fine, veins small, and not the least sign of coarseness. A great point in its favor is the fact that the heads harden at an early stage of growth, so that they are really fit for use before fully matured. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.50.

Early Winnigstadt. Good for either early or late use; in some sections the best early sort.

Early French Oxheart. Heads very early, tender, fine flavor.

Etampes. Very early, producing medium-sized heads, pointed.

Express. The earliest of all Cabbages; small, with solid heads.

Large York. A superior early-heading, robust sort.

SECOND EARLY VARIETIES.

Pkt., 5 cts.; oz., 35 cts.; ¼ lb., \$1.00; lb., \$3.50 for all second early varieties.

Dreer's Early Drumhead (see cut). A favorite with the market gardeners; a second early, large, round, solid-heading variety. This sort we consider the best for following the large Charleston Wakefield, as it matures about ten days later, and is of the finest quality.

All Head, Early. The largest heading of the second early sorts, of excellent quality. The deep flat heads are remarkably solid, and very uniform in size, of a very compact growth, having few outer leaves; can be planted as close as the Wakefield sorts.

Improved Flat Brunswick. This is a good variety for market gardeners' use, produces large heads, weighing 15 to 20 lbs. each. The quality is good and it can be grown either as a second early or late sort; short stems, large solid heads.

Improved Early Summer. A good second early Cabbage which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head, with short outer leaves, which admit of close planting in the field. It is of good quality, being very tender and free from coarseness.

Succession. A good second early round-headed sort, heads very evenly, and comes in a few days after the Early Summer. It also grows larger than the latter variety, and is grown largely by both the market gardener and amateur.

Selected All Seasons (Vanderzow). An early Drumhead Cabbage, yielding heads of the largest size. Very desirable, either for early spring, summer, or fall use.

American-Grown Cabbage Seed.

It is a well known fact among gardeners that American-grown Cabbage seed will make plants that head up better than those raised from foreign seed. This particularly applies to seed produced on Long Island, from which section our Cabbage seed comes. The past season was a hard one on Cabbage, and new seed is only about one-third crop; as a consequence much imported and old seed will be thrown on the market. We advise growers to be careful of their source of supply, and particularly warn them against cheap seed which may be offered.

CABBAGE.

(Late Varieties.)

Dreer's Selected Late Flat Dutch (see cut). This excellent strain is the result of many years' careful selection, and we consider it the finest strain of Late Flat Dutch Cabbage on the market. The heads are flat, and grow remarkably large, even, very solid, and are of fine texture; stems grow short and the quality of the cabbage is very fine. It is a sure-heading sort, as nearly every plant can be depended upon to produce a fine, large head. It is also a good keeper. Market gardeners and farmers who grow for market are using this variety very largely, and report satisfactory and profitable crops. We cannot say too much in favor of this variety, and would like all who appreciate good cabbage to try it. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Golden Sugar Winter. This excellent variety was first introduced in Europe several years ago, and soon gained in favor. It is entirely distinct in character and color, has a very hard head and a short stem; its special feature is the golden color after being put up, which makes it very attractive compared to the ash-gray color usual among winter cabbage. This variety is medium late, and is perfectly solid at maturity, and does not crack. Color of foliage dark green, looking very much like an early sort. The compact growth of this variety admits its being planted much closer than the old varieties of late sorts, and comparatively no loss, as every plant grows into a solid head. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.25.

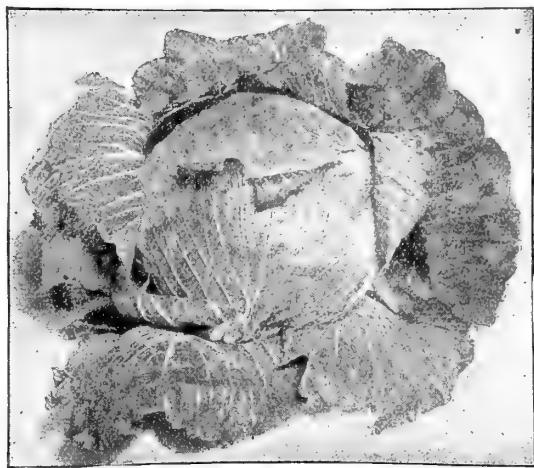
Large Late Drumhead.

A favorite winter variety, largely planted by growers who make a specialty of shipping cabbage, as it stands transportation well. The heads grow to very large size and heavy weight. They are solid, of good quality and texture, and have very few loose leaves, allowing of planting closely in the field. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

Lupton (see cut).

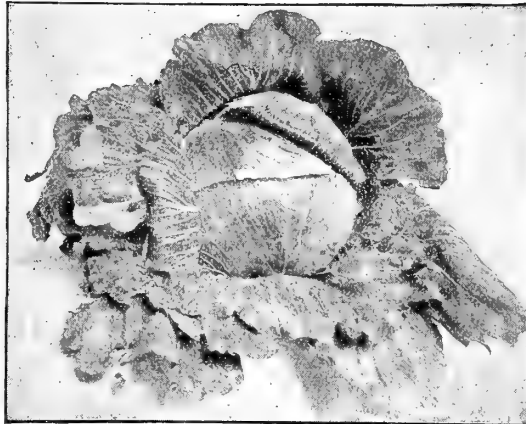
A new winter variety of excellent quality and distinct character; a little earlier than the Flat Dutch, but will maintain shape and solidity for storing.

It originated on Long Island with our cabbage seed grower, and is a strong, healthy variety and a reliable header. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.



DREER'S SELECTED LATE FLAT DUTCH.

Louisville Drumhead. This is a popular variety in the Southwest, where it is claimed to stand the heat better than most sorts; of large size, solid and a good keeper. It is a reliable sort and heads up well. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.



THE LUPTON CABBAGE.

Danish Ball Head (Hollander).

This extra hard heading variety of cabbage originated in Denmark, and for years has been grown in that country for winter use, also for export. It is the medium-sized, hard white cabbage that is received from abroad during the early spring months, and even after the long journey across the ocean it arrives in splendid condition. It is a medium or late variety, but is used mostly as a winter cabbage, and comes from the pits, in late spring, in fine condition. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

SAVOY CABBAGE.

Where quality rather than size is desired, the Savoy varieties should always be sown. They have a rich and delicate flavor possessed by no other Cabbage.

Dreer's Crystal Summer Savoy. A fine new sort; medium size; heads nearly round, deeply curved and very tender. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.25.

Perfection Drumhead Savoy (see cut). Of superior quality; the largest solid-heading Savoy, possessing the rich flavor of the cauliflower. The plants are strong and vigorous, and withstand the ravages of the cabbage worm better than other sorts. The inside of this cabbage is pure white. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

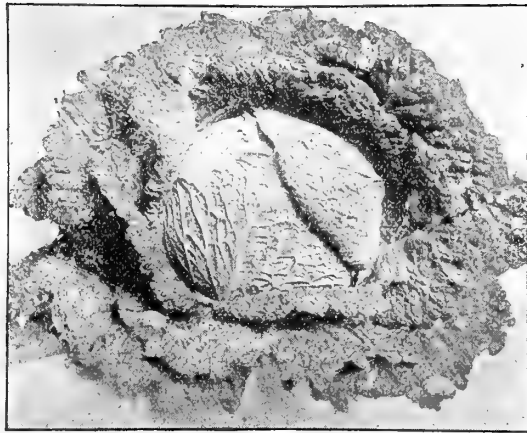
RED CABBAGE.

Early Red Dutch Erfurt. Earlier than the Red Drumhead, but equally as valuable for pickling. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

Red Dutch Drumhead. A large heading variety, fine for pickling. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

Mammoth Rock Red. The largest and most solid of the Red varieties; a sure heading sort and tender. Color is deep red, both outer leaves and inside head. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

CABBAGE PLANTS. See page 48.



PERFECTION DRUMHEAD SAVOY.



DANVER'S HALF-LONG ORANGE CARROT.

***Danver's Half-Long Orange** (see cut). A rich orange-red variety, very smooth and handsome, producing very large crops. An excellent market variety. Tops are of medium size, and coarsely divided. The roots taper to a blunt point; flesh sweet, crisp and tender. Although the roots of this variety grow shorter, it produces more bulk to the acre than the larger field varieties, and is easier harvested.

Improved Rubicon Carrot (see cut). This beautiful half-long carrot was originated in Connecticut by a reliable grower. It is the result of careful breeding, and in shape and color most desirable. Our engraving was made from a photograph of three typical specimens, and are the originator's ideal shape. The carrots grow about same length as the well-known Danvers, but thicker, and are a rich dark orange in color. It is an enormous cropper and a splendid variety for the market gardener. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.

***Nichol's Improved Long Orange.** This is a very fine selection of the Long Orange Carrot; early, productive, and of fine shape and quality. It has scarcely any neck and very short top. It is also a good variety for forcing.

St. Valery. A desirable sort for private gardens; of rich orange color and fine flavor. The roots grow very uniform and large size, measuring 10 to 12 inches in length and 2 to 3 inches in diameter at top, and taper gradually.

***Long Orange.** The best late variety for general field culture. It is an excellent keeper and retains its bright orange color during the winter. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 75 cts.

***Altringham.** A large and fine flavored red carrot; an excellent sort for winter use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 75 cts.

***Large White Belgian.** This variety is of the largest size, and is principally grown for feeding stock. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

***Improved Short White.** For stock feeding; the best white carrot; furnishes the largest yield at the least expense. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

COLLARDS.

Creole, or Southern. Cabbage greens, used as a substitute for cabbage in portions of the South. Its robust and vigorous character fits it to resist conditions unfavorable to the perfection of more highly developed types of the cabbage family at some seasons in the Southern States. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

PLEASE REMEMBER

that we pay the postage on all Vegetable and Flower seeds, except where noted. Also that our seeds are of the highest quality, not cheap, but reliable, and fully worth the price asked.

CARROT.

Mohren, GER. Carotte, FR. Zonahoria, SP.

One ounce will sow 100 feet of drill; three to four pounds for one acre.

Carrots, to grow in perfection, require a rich, deep, sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about 1 foot apart, thinning out to 4 inches in the row; sow for main crop in June and July. The large late varieties for field culture should be sown in drills 3 to 3 $\frac{1}{2}$ feet apart, so as to cultivate by horse. An important point in sowing carrots, as in all other seeds, is to tread the row firmly after sowing.

Varieties marked "*" are the best varieties for stock feeding.

Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; 1 lb., 80 cts., except where noted.

Earliest Short Horn (*French Forcing*). The earliest forcing variety, root small, reddish-orange, of globular shape and excellent flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Early Scarlet Horn. The favorite early red summer variety; fine grained and good flavor.

Half-Long Nantes. An excellent early half-long stump-rooted variety of superior quality. Tops medium size, roots cylindrical, smooth, bright orange; flesh orange shading to yellow in centre, but no core. This is one of the best of the medium size carrots.

Chautenay Half-Long. Resembling the Nantes, with larger shoulder. Medium early and heavy cropper; one of the best for market and private use.

Gueraude, or Oxheart. A desirable variety on soils too hard and stiff for the longer-growing sorts, as it is not over 5 or 6 inches long; can be pulled by hand.

Early Half-Long Carentan. An excellent scarlet variety, without core, for forcing or the open ground. Tops very small, roots cylindrical with very small neck. This variety can be sown very thick.

Early Half-Long Scarlet. A desirable point-root sort, productive and early, coming in between the Scarlet Horn and Long Orange.



IMPROVED RUBICON CARROT.

CELERY.

Sellerie, GER. Celeri, FR. Apio, SP.

One ounce will produce about 3000 plants.

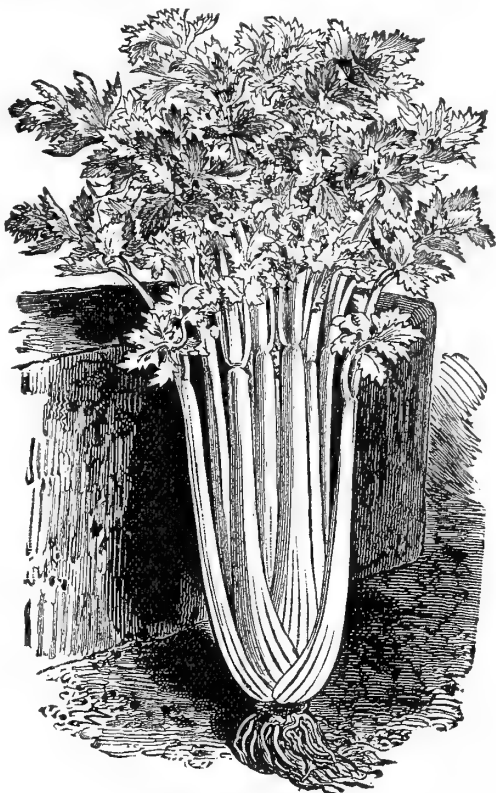
Sow the last of March or early in April, in an open border, in rich melon ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed the result will be more satisfactory than when only covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high, transplant, the dwarf varieties 3 feet and the taller sorts 4 feet between the rows; plant 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "handling," generally done the beginning of September; after the soil has been drawn up with the hoe, it is drawn closer around each plant by the hand, to keep the leaves firm in an upright position and prevent spreading. When the plants have become "set" in an upright position, and the celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plow and finishing it with a spade, bringing the earth up nearly to the tops of the plants. The method employed now for protecting is by covering the tops of the banks with waterproof felt paper.

Winter Queen. This is a late Celery, and has most remarkable keeping qualities. (See illustration and full description on page 2.) Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

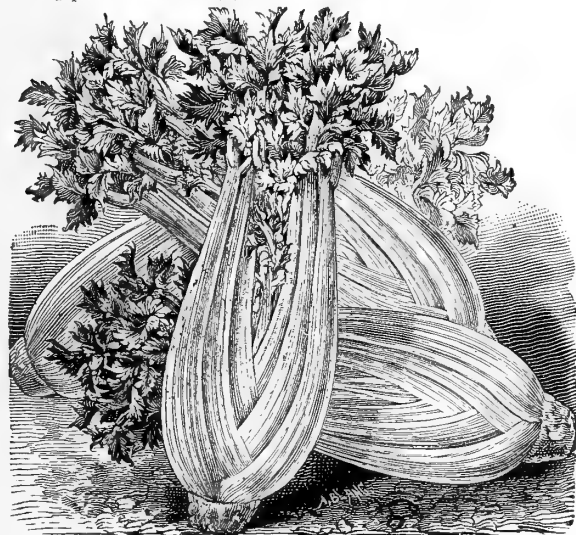
Golden Self-Blanching (see cut). An early beautiful and in every way desirable sort, requiring but little labor to blanch. The heart is a rich golden-yellow, with light yellowish-green outer leaves. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

White Plume. We offer a choice strain of this valuable and popular variety. The White Plume is unsurpassed for fall and early winter use, requiring very little earthing up to blanch it. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Golden Half-Dwarf. The best of the half-dwarf varieties, stalks large and full; the heart is golden-yellow, turning to a light color when blanched. Very solid, rich flavor and good keeper. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.



GOLDEN SELF-BLANCHING.



SHUMACHER CELERY.

Giant Pascal. A superior keeping sort. The stalks are very large, thick, solid, crisp and of rich nutty flavor; it blanches very easily and quickly, and retains its freshness a long time. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Large White Solid. The best of the large growing sorts, attaining a height under good cultivation of 3 feet. It should never be planted closer than 4 feet between the rows. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Early Arlington. An improvement on the Boston Market, being earlier and of larger growth, and blanches rapidly. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

The Shumacher (see cut). A very large variety; solid, crisp, golden-yellow heart; a favorite market gardener's sort. Our strain of this is very true. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

Perfection Heartwell. This is one of the very best varieties in cultivation; stalks long and thick, very compact, crisp and of fine flavor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Pink Plume. A perfect White Plume in character, excepting color, which is of a delicate shade of pink, presenting a beautiful appearance with the white and yellow varieties. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$2.75.

New Golden Rose, Self-Blanching. Similar to Golden Self-Blanching, except in color; rosy tinge, shading to pale pink at top of stalk; ribs and stem thick and heart blanches to beautiful yellow; fine flavor and good keeper. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.00.

Dwarf Rose. The red sorts surpass the white in flavor and possess in their coloring a feature which renders them valuable as a table ornament. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Soup, or Flavoring Celery (old seed). Oz., 5 cts.; lb., 30 cts.

We can also supply **Boston Market and Sandringham Dwarf White.**

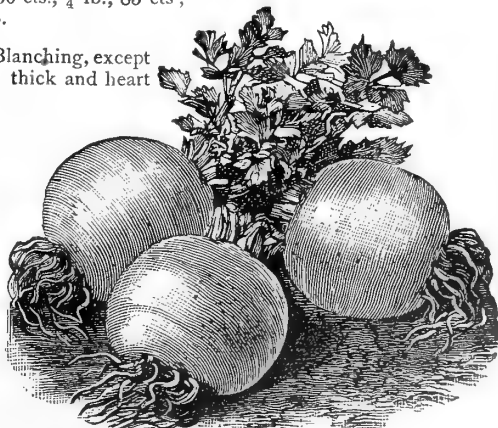
Per pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

CELERY PLANTS—
These are ready July 1st, and we supply all the leading varieties. They are offered in our midsummer catalogue which is mailed to all customers about July 1st.

CELERIAC (Turnip-Rooted Celery).

Apple-Shaped. An early, smooth variety, Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Giant Smooth Prague (see cut). A very large and smooth variety, free from side roots. A desirable sort for market and an excellent keeper. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.



GIANT SMOOTH PRAGUE CELERIAC.

CORN—Sweet or Sugar.

One quart will plant two hundred hills; 8 to 10 quarts for an acre in hills.

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue planting every two weeks until the middle of July, in rich, well-manured ground, in hills 3 feet apart each way, covering about half an inch, and thin out to three plants to a hill. The extra early varieties can be planted 18 inches in the row and 2½ feet between the rows.

In elevated and mountainous districts we would recommend the Extra Early and Second Early sorts only, and plantings to be made not later than June 20th to July 1st.

PRICES, all varieties: Pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; half peck, 75 cts.; peck, \$1.25, except Pop Corn. For Sugar Corn, if by mail add 5 cts. per pt., 10 cts. per qt.

EARLY VARIETIES.

Dreer's First of All. The Earliest Sweet Corn, ripening a week earlier than Cory. Ears medium sized, very full, sweet and of delicious flavor.

Adams' Extra Early. Hardest and earliest variety for table use; can be planted earlier than any other, but is not a Sweet Corn; white grains and short ear.

White Cob Cory. An improved variety of the Cory Corn with uniformly *white cobs*. Early as the ordinary Cory; preferred by many who object to the red cob sorts.

Early Minnesota. One of the earliest, habit dwarf, ears small and of good quality.

Crosby's Early. A favorite variety, very early, productive, ears rather short, and of a rich, sugary flavor.

Potter's Excelsior. Bears large 12 rowed ears, grains deep, very sweet and tender.

Stabler's Early (see cut). Of large size, remarkable for fine flavor, sweetness and earliness, a desirable gardener's and canning variety. Specially recommended to follow extra early varieties.

Stabler's Nonpareil. The best second early Corn. It yields large ears, bearing tender grains of the most delicious flavor. A superior sort for the canning trade.

GENERAL CROP AND LATE.

Triumph. Ears large, productive, flavor rich and sweet; a fine market variety.

Egyptian. A fine large variety, somewhat resembling the Evergreen.

Little Gem (*Ne Plus Ultra or Shoe Peg*). An old but excellent variety, its small size being in large measure atoned for by its productiveness and its exquisite flavor.

Roslyn Hybrid. A medium large variety, heavy yielder, large ear, sweet and delicious.

Zig-Zag Evergreen. Of recent introduction. A very sweet Corn, ripening 8 days ahead of the Stowell's Evergreen, and in quality fully its equal. The grains are same shape as "Stowell's," but are arranged on the cob in a zig-zag manner, hence its name.

Stowell's Evergreen. One of the sweetest, ears large, deep-grained, of excellent quality, remaining green longer than any other variety.

Country Gentleman (see cut). An improvement on the Little Gem, having the same excellent qualities as that desirable variety, but with much larger ears. Our illustration was made from photograph of stalk bearing 4 large ears.

Mammoth Sugar. The largest late sort, very productive, of fine flavor.

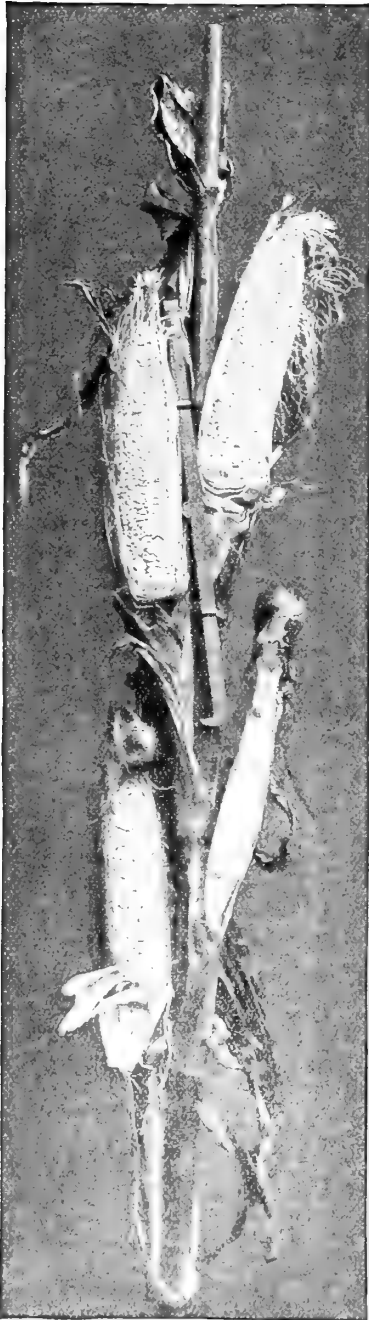
Black Mexican. A black-grained variety, sweet and tender; must be picked very young while the grains are still white.

POP-CORN. On the ear only.

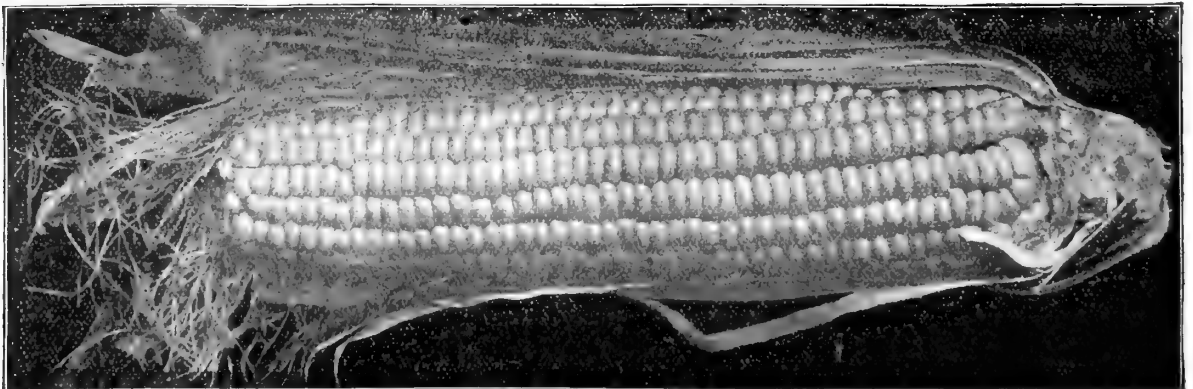
White Rice. Best white. 1 b., 20 cts., by mail; 10 lbs., 60 cts., by express.

White Pearl. Smooth-grained ears. 1 b., 20 cts., by mail; 10 lbs., 60 cts., by express.

Field Corn. All the leading reliable varieties. (See page 49.)



COUNTRY GENTLEMAN.



STABLER'S EARLY SWEET CORN.



ARLINGTON WHITE SPINE FORCING CUCUMBER.

Gurken, GER. **CUCUMBER.** Concombre, FR. *Pefino*, SP.

One ounce will plant fifty hills; two pounds will plant one acre.

For very early Cucumbers, sow the 1st of April in a hot-bed, upon pieces of sod (grass-side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand-glasses. For early use, plant if the weather has become settled and warm, in hills about 4 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over; they succeed best in a warm, moist, rich, loamy soil; continue planting at intervals for a succession. The cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July.

Price: Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 70 cts., except where noted.

Improved Early White Spine (*Bennett's*). The favorite market variety, largely used for forcing. One of the best.
Arlington White Spine Forcing (see cut). A strain of White Spine which has been improved through careful selection, with a view to use for forcing in hot-houses and frames. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Emerald. This is the most valuable Cucumber. Has all the good qualities of the White Spine, with the additional advantage of having a rich dark green color during the entire period of its growth. The vines are exceedingly productive, fruits set early and are very handsome, long and straight, entirely free from spines. In quality, fine, being very solid, crisp, tender and of pleasing flavor. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.25.

Cool and Crisp. A strain of White Spine, somewhat like the Arlington, but longer and more cylindrical. One of the best for table use.

Early Frame, or Short Green. Excellent for table use or pickling.

Early Russian. One of the earliest; the fruit is small and produced in pairs.

Early Cluster. A very early sort, well adapted for forcing or open ground.

Green Prolific. One of the best pickling varieties, dark green, tender, crisp, very productive.

Chicago Pickle. Largely used by pickle manufacturers; of medium size, a prolific bearer.

Long Green (*Jersey Pickle*). The leading long variety for pickling; fruit dark green.

Everbearing. The peculiar merit of this new and unique variety is that the vines continue to flower and produce fruit in every stage of growth until killed by frost. It is of small size, very early, and enormously productive.

Nichol's Medium Green. For early forcing, late sowing for pickling, or for ordinary table use.

White Pearl. Fruit of a pure white color; large size. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Chinese Long-Remaining Green. Combines the size, tenderness and quality of the English Frame varieties. Attains a length of 15 to 20 inches; good quality, solid, and has few seeds; medium early. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Small Gherkin, or Burr. Known as the West India or Jerusalem Pickle. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.

Japanese Climbing. Medium size, well-formed, dark green color. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

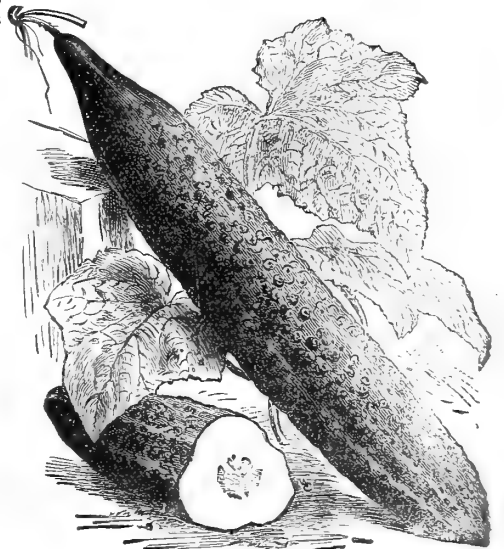
ENGLISH FORCING CUCUMBERS.

Covent Garden Favorite, Rochford's Market, Lockies' Perfection. In packets of 10 seeds each, 25 cts.; per 100 seeds, \$2.25.

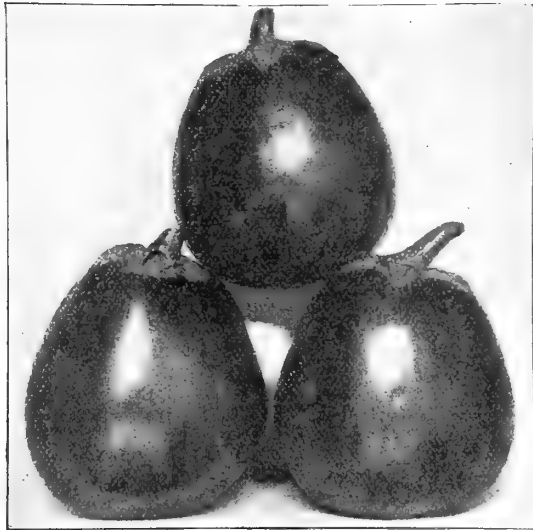
Duke of Edinburgh, Sion House Improved, Telegraph (Rollison's). In packets of 10 seeds each, 20 cts.; per 100 seeds, \$1.75.



ROCHFORD'S MARKET.



LONG GREEN CUCUMBER.



NEW YORK IMPROVED LARGE PURPLE EGG-PLANT.

EGG-PLANT.

Eierpflanze, GER. *Aubergine*, FR.
Berengena, SP.

One ounce will produce about one thousand plants.

Sow the seeds in hot-beds early in March. When 3 inches high pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out, from the pots, when the season becomes sufficiently warm, in May or June; or they can be transplanted into a second bed to make them strong, until the weather is warm enough to transplant, about 3 feet apart each way, in thoroughly worked and well-enriched soil. Draw the earth up to the stems when about a foot high. Egg-plant seed will not vegetate freely without a strong uniform heat, and if the plants get the least chilled in the earlier stages of growth they seldom recover. Therefore, repeated sowings are sometimes necessary. Care should be observed in cutting the fruit so as not to disturb the roots of the plants.

New York Improved Large Purple (*Dreer's Selected*).

The leading market variety; large, round, dark purple, free of thorns, excellent and the most productive variety. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{2}$ lb., \$1.00, lb., \$3.50.

Black Pekin. Fruit purplish-black, round to globular, large, solid, smooth and glossy; very prolific, early, and of fine flavor. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{2}$ lb., \$1.25.

Early Long Purple. The earliest and hardiest, very productive; fruit from 6 to 10 inches long. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 75 cts.

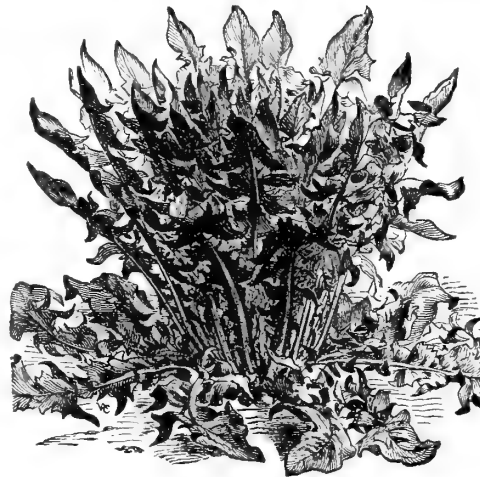
Egg-Plants. (See Vegetable Plants, page 48.)

Dandelion.

The Dandelion is a hardy perennial plant, resembling Endive, and affords one of the earliest and most healthful spring greens or salads. Sow early in spring in drills 12 inches apart, and thin out to 6 inches in the drills; the following spring it will be fit for use.

Broad-leaved. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{2}$ lb., \$1.35.

Improved Thick-leaved (see cut). An improved thick-leaved variety. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{2}$ lb., \$1.50.



IMPROVED THICK-LEAVED DANDELION.

GARLIC.

(See *Onion Sets*, page 37.)

HORSERADISH.

(See *Vegetable Plants*, page 48.)

ENDIVE.

Endivien, GER. *Chicoree*, FR.
Endivia ó Escarola, SP.

One ounce of seed to 150 feet of row.

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use, or for late use in June or July. When 2 or 3 inches high, transplant into good ground or thin out to 1 foot apart. When nearly full grown, and before they are fit for the table, they must be blanched. This is done by gathering the leaves together and tying with yarn or bass, to exclude the light and air from the inner leaves, which must be done when quite dry, or they will rot. Another method is to cover the plants with boards or slats. In three or four weeks they will be blanched.

Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Green Curled Winter. Standard sort for fall and winter crop.

White Curled (*Self blanching*). Leaves pale green, grows to a large size, always crisp and very tender. The Chicory Salad of the restaurants.

Broad-leaved Batavian (*Escarolle*). Leaves broad, light green, nearly plain, used in stews and soups.

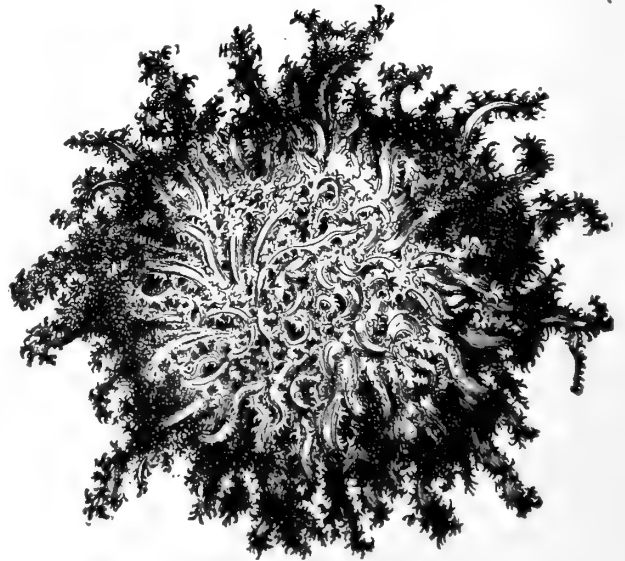
Giant Fringed (*Oyster Endive*). (See cut.) A strong-growing variety with a large white heart and broad stems; good for fall and winter.

GOURDS.

Dish-cloth or Loofa. A natural dish-cloth, furnished by the peculiar lining of the fruit, which is spongelike, porous, very tough, elastic and durable. The dried interior of these Gourds have become an article of commerce, and are sold by druggists. Pkt., 5 cts.; oz., 40 cts.

Sugar Trough. This variety grows to a large size, holding from 4 to 8 gallons each, having hard, thick shells, very strong, but light and durable. Pkt., 5 cts.; oz., 30 cts.

White Egg-formed. Also called Japanese Nest-egg Gourd. Exactly resemble, in color, shape and size, the eggs of hens, and are useful as nest-eggs as well as ornamental as a climber. Pkt., 5 cts.; oz., 40 cts.



DREER'S GIANT FRINGED ENDIVE.

KOHL=RABI (Turnip=Rooted Cabbage).

Kohl-Rabi, GER. *Chou Rave*, FR. *Col de nabo ó Nabicol*, SP.

One ounce of seed will sow a drill of about 150 feet.

An intermediate vegetable, between the cabbage and turnip. The edible part is the bulb, which is dressed and served like turnips, and is very delicate and tender when young. It is hardy, withstands severe drought and a good keeper. Sow in spring in rows 18 inches apart and thin out to stand 10 inches in row. In hoeing be careful not to throw earth into the heart of the plant, or the bulb cannot form.

Earliest Erfurt. A white, tender variety, with a smooth root and very short top; the best variety for outdoor culture. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Early White, or Green Vienna. Flesh white and tender, a standard sort for market-table use or forcing; very short top. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Early Purple Vienna. Bluish-purple, similar to the above, except in color. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

LEEK (*Lauch*, GER. *Poireau*, FR. *Puerro*, SP.).

One ounce will sow about 100 feet of drill.

The Leek is very hardy, of easy culture, and succeeds best in a light rich soil. Sow early in April, in drills 1 foot apart and 1 inch deep. When the plants are 6 to 8 inches high, transplant in a deep rich soil, in rows 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September, and the young plants transplanted in the spring.

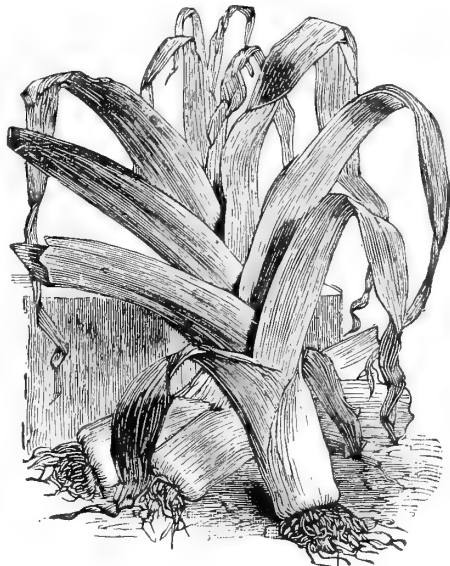
Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

Large American Flag. Large, hardy and of excellent quality.

Giant Carentan (see cut). The favorite market variety, large thick stem, of mild flavor and attractive appearance.

Musselburgh. Grows to a very large size, with broad leaves, spreading like a fan; hardy and of excellent quality.

London Flag. An old and popular sort; one of the hardiest and best for winter use.



GIANT CARENTAN LEEK.

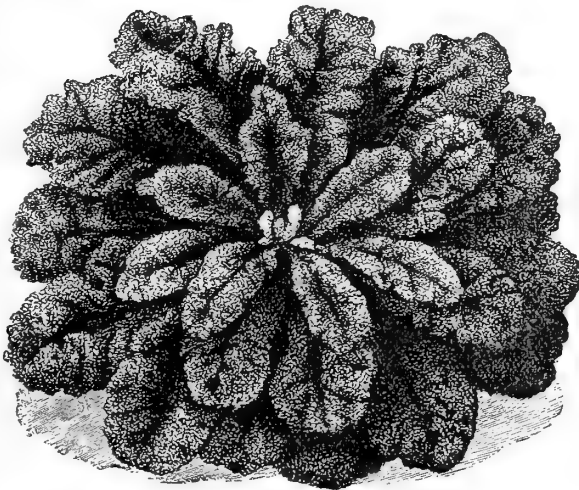
KALE, or BORECOLE.

Grüner oder Blätter Kohl, GER. *Chou Vert*, FR. *Breton*, SP.

One ounce of seed will sow a drill of about 200 feet.

The Kales are more hardy than cabbage, and make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate the same as cabbage. For early spring use sow in September, and protect during winter.

Dreer's Imperial Long Standing (see cut). A beautifully curled and crimped sort, of strong, vigorous habit, perfectly hardy, attractive appearance, and a bright green color. It is superior to all other sorts, and is undoubtedly the best for private gardens. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.



DREER'S IMPERIAL LONG STANDING.

Kale, or Borecole (Continued.)

Dwarf Green Curled German. Leaves yellowish-green, very compact and beautifully curled; sow in September for winter and early spring use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Dwarf Curled Scotch. Leaves bright green, curled, very tender and fine flavored; an excellent sort for private gardens. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Sea Kale. Grown for its blanched shoots, which are cooked like asparagus. Sow in the spring and plant out like cabbage. The plant being perennial, young shoots appear the second spring, and are covered with earth to blanch. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

ROMAINE, COS, or CELERY LETTUCE.

These are distinct from the ordinary Lettuce, and much liked on account of their crisp, tender quality and delicate flavor. They produce long, narrow leaves, blanched by drawing in the outer leaves and tying.

Price: Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Kingsholm Cos (see cut). Forms long upright heads of narrow leaves, which are crisp and refreshing, withstanding the summer heat.

Paris White Cos. Type of Kingsholm; lighter color, very tender.

Trianon Self-Folding. A self-blanching Cos Lettuce, very crisp and tender, and of excellent flavor. This variety does not need tying. When bleached, leaves can be eaten like celery.



KINGSHOLM COS LETTUCE.

BOOKS FREE AS PREMIUMS.

Please bear in mind that we publish three valuable books, viz.: "Open-Air Vegetables," "Vegetables Under Glass," "Grasses and Clovers." The price is 25 cents each. But we give them free as premiums, as follows: On orders amounting to \$2.50 or over, your choice of any one above mentioned. On orders amounting to \$5.00 or over, your choice of two books; or the set of three books will be given free on orders amounting to \$7.50 or over, provided the order is accompanied by remittance and the books are asked for at time of ordering.

One ounce will sow 150 feet of drill.

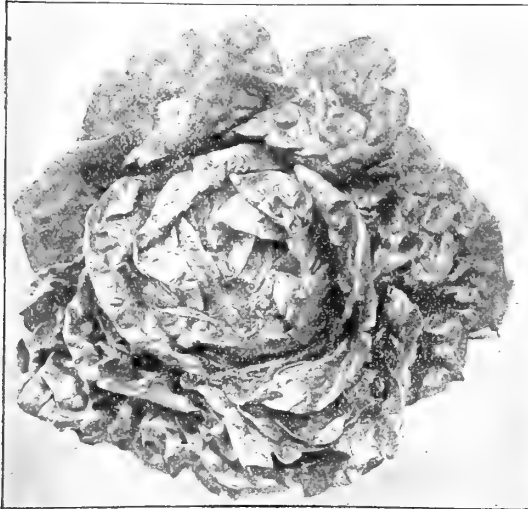
LETTUCE.

Lattich oder, Garten Salat, GER.

Laitue, FR. Lechuge, SP.

Price: Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25, except where noted.

Sow the seed in hot-beds in February or March, and transplant into a sheltering border with a southern exposure. For successive crops, sowing may be made in the open ground as early as the spring opens, and continuing until July. Always thin out well, or the plants will not be strong. When wanted as a cut salad, sow the seed thickly in rows or broadcast.



SENSATION LETTUCE.

Improved Deacon. One of the best summer cabbage sorts; very crisp, large and light in color. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Onondaga. This variety is beautifully tinged with reddish-brown, fine quality, being crisp and tender. The leaves are twisted and form a nice head. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

Sensation (see cut). This variety, is rapidly gaining in favor among the market gardeners, who find it a valuable sort for growing either in cold frame or in the open ground. It is remarkable for its character of forming close, hard heads, even in an early stage of growth. Color, yellowish-green, quality very fine, being crisp and tender. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

Wonderful (see cut). Introduced by us two years ago and continually growing in favor. The large, white heads resemble cabbage in their solidity and frequently weigh 2 and 3 pounds each. The quality is superb, being crisp, rich and tender. It withstands the heat well, making a fine variety for all seasons. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Salamander. An excellent spring, summer and fall variety, forming good-sized heads, that stand drought and heat longer without injury than any other sort.

Mammoth Salamander. Grows about double the size of Salamander, and has all good qualities of same. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

DREER'S Improved Hanson. This superior Lettuce, which we introduced twenty-three years ago, is the best summer heat-resisting sort. The heads grow to a remarkable size, and are sweet, tender and crisp. For outdoor culture it is unequalled. Our stock is selected and pure.

We also supply the following well-known varieties: **Yellow-Seeded Butter, Oak Leaved, Defiance.** Per pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

All Heart (see page 2). Pkt., 15 cts.; 2 pkts., 25 cts.

Big Boston. Resembles Boston Market, but nearly twice as large; desirable for forcing frames and for spring and fall outdoor planting. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

Boston Market (White Seed). Hardy and crisp; the earliest heading variety; one of the best for forcing.

Black-Seeded Tennisball. A favorite forcing variety. Forms a close, hard head, with few outer leaves.

Hittinger's Belmont Forcing. An improvement on the Boston Market, larger in size, crisp and tender quality, most desirable for forcing. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Emperor Forcing. Very early, small, yellow heart.

Early Curled Simpson (Silesia). Forms a close, compact mass of leaves; very early, excellent for forcing.

Black-Seeded Simpson. Produces a compact mass of leaves, light color, nearly double size of ordinary Simpson.

Grand Rapids Forcing. This is regarded in the West as the best forcing and shipping variety. It matures quickly, large size and handsome appearance, crisp and tender.

Early Dutch Butter, Spotted. Producing fine large heads of excellent quality, and one of the best forcing and market sorts; also stands the heat well in summer. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

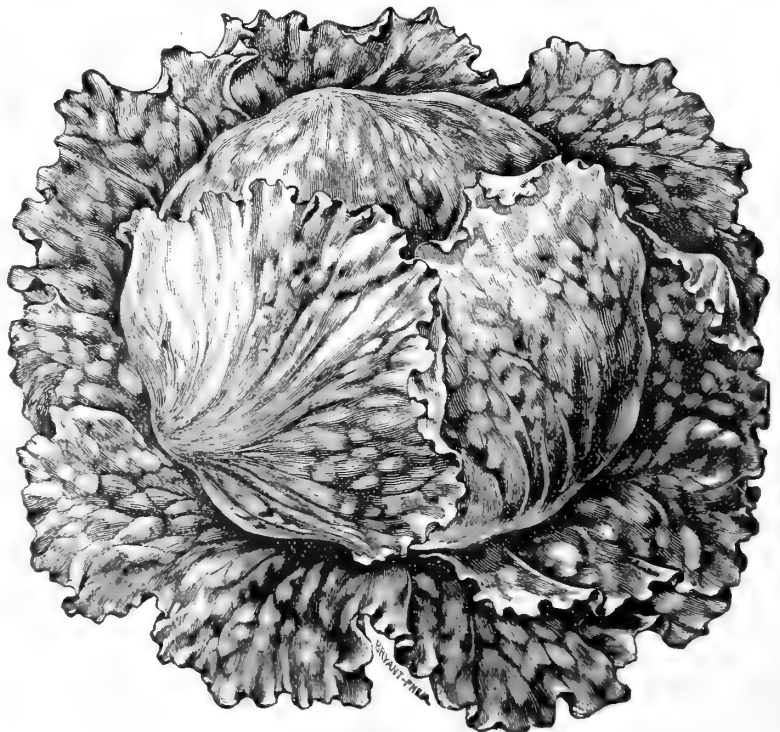
Early White Cabbage (White Butter). A favorite for sowing in fall; nearly hardy, requires only slight protection.

California Cream Butter. A splendid summer variety.

Golden Queen. Early, yellow color; excellent for forcing.

Denver Market. For forcing or open ground; forms large solid heads of a light green color. Leaves curled.

Silver Ball. This is one of the best all-the-year-round Lettuce we know of. It is an excellent variety, as well for early spring and summer use as for winter forcing. The heads are silvery white, very firm and compact. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.



THE WONDERFUL LETTUCE.

Dreer's Reliable English Milltrack Mushroom Spawn.

The best results are obtained by the use of our superior English Mushroom Spawn, which is largely used by the most successful growers around Philadelphia. The quality of our Spawn is well known. Full and explicit instructions for growing Mushrooms can be found in Dreer's "Vegetables Under Glass." By mail 25 cents. Everyone who has a cellar or outside buildings not in use should, by all means, grow this most delicious esculent, considered by most people a luxury. One of the best places to grow these is under a greenhouse bench, where the thermometer does not run too high.

Best English Milltrack Spawn.

Per brick, 15 cts.; by mail, 25 cts. By express, 12 bricks, \$1.75; 50 bricks, \$6.50; 100 bricks, \$12.50; 25 lbs., \$2.50; 50 lbs., \$4.75; 100 lbs., \$9.00.

French Spawn. 3 lb. boxes, 1.25, by express.

Dreer's Mushroom Circular Free on Application.

IMPORTANT BOOKS ON MUSHROOM CULTURE:

"Mushrooms: How to Grow Them," by Wm. Falconer. Price, postpaid, \$1.00.
 "Mushroom Culture," Revised Edition, by Wm. Robinson (England). Price, postpaid, 50 cts.
 "Dreer's Vegetables Under Glass." Price, postpaid, 25 cts.

NASTURTIUMS.

Four ounces of seed to one hundred yards of row.

Cultivated both for use and ornament. The seed pods, which resemble capers, are gathered while green and tender for pickling, and the leaves are used for mixing with salads. Sow early in the spring, in drills about 1 inch deep, in light rich soil, when all danger of frost is over. Train the Tall on brush trellises, or fences, and grow the Dwarf in beds.

Tall Mixed. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Dwarf Mixed. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

(Special colors, named varieties, see Flower Seeds, page 84)



A PLATE OF WELL-GROWN MUSHROOMS.

Copyrighted 1898
 BY HENRY A. DREER

MUSTARD.

One ounce will sow about 80 feet of drill.

A small pungent salad used with cress; the seed is also used for flavoring pickles, pepper-sauce, etc. For salads sow thickly in shallow drills, 6 inches apart, or in frames or boxes during the winter, where frost can be partially excluded. Successive sowings may be made every week or two. To grow seed, sow in April, in rows 1 foot apart, and thin out to 3 inches apart when 2 inches high.



WHITE LONDON MUSTARD.

White London. For salads and flavoring purposes. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 40 cts.

Chinese. Leaves twice the size of the white, flavor sweet and pungent. Oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

MARTYNIA.

The seed pods are used for pickling, when gathered young and tender. Sow in the open ground in May, in hills 3 feet apart each way, or in a hot-bed, and afterwards transplant.

Martynia Proboscidea. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., \$1.00.

OKRA, OR GUMBO.

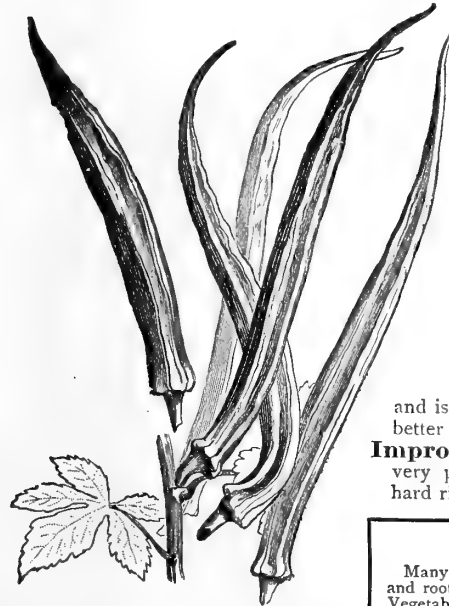
This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 inches apart in drills.

Dreer's Little Gem. The best of the dwarf sorts. Pods long, slender, and of a light green color. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

White Creole (White Velvet). This variety is largely grown in the South, and is preferred by many to the green-podded sorts, is considered more tender and of better flavor. Pods free from ridges. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.
Improved Green. A very desirable sort for market gardeners; of medium height; very productive; bears long pods, which remain tender a long time and are free from hard ridges. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

VEGETABLE PLANTS AND ROOTS.

Many who are interested in gardening have not the facilities or time to devote in raising plants and roots of different vegetables. The attention of these customers is called to the complete list of Vegetable Plants and Roots offered on page 48 of this catalogue.



IMPROVED GREEN OKRA.

WE PAY POSTAGE on Garden and Flower Seeds except where noted. Mushroom Spawn in quantity and Farm Seeds are sent by express or freight at purchaser's expense. We secure lowest rates and ship by best route.

MUSKMELONS.

One ounce will plant about 50 hills, 2 to 3 lbs. in hills per acre.

Melons thrive best in a light rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Muskmelons, 8 feet for Watermelons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger

of the bugs is over, thin out to 3 plants per hill. When about 1 foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines, and makes the fruit mature earlier. Give plenty of water, and feed liquid manure occasionally. A few hills, for early use, may be had by sowing on pieces of sod in a hot-bed, and when warm enough transplant to open ground.

Price: Per Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 70 cts., except where noted.

Paul Rose, or Petoskey. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.50. For description, see page 3.

Rocky Ford. (See illustration and full description, page 3.) Grown largely in Colorado and shipped in carload lots all over the country. Oval shape, small to medium in size, pale green and finely netted. Flesh green, quality very fine. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Jenny Lind. The earliest variety; netted, of small, round size, excellent flavor. This is a favorite early variety.

Golden Jenny. A small, highly prized early variety; good shipper. This is a great improvement over the Jenny Lind.

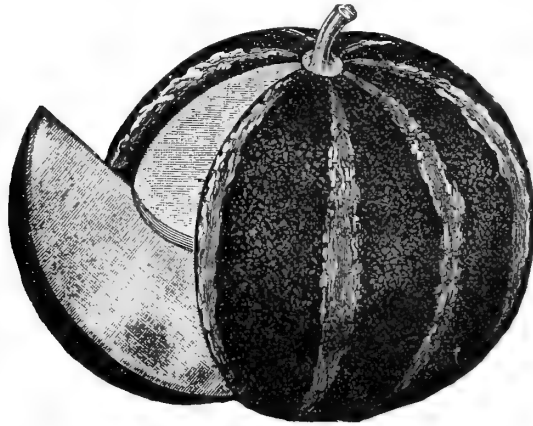
Netted Gem. One of the earliest, best and most prolific small melons. Globular shape, uniform in size; flesh light green, of very fine flavor; a popular variety with market gardeners, as it is very uniform

and firm, and will keep for a week after being picked from the vine. Is a very desirable size.

Green Citron. Medium size, deeply netted, nearly round, of delicious flavor. A good variety for gardeners or private use.

Hackensack. One of the best, of large size and attractive appearance; very productive, and of excellent flavor. Sometimes called Turk's Cap, and for years was considered the favorite muskmelon.

Extra Early Hackensack (see cut.) A careful selection from the Hackensack, and with fruit much like the parents in shape and quality of the flesh, but ready for market 10 days earlier; melons are of good size, usually weighing from 5 to 10 pounds each. On account of earliness, it is preferred to the old Hackensack by growers.



EMERALD GEM.

Emerald Gem (see cut). A small very early melon, form globular; flesh salmon-colored; the flavor is exceptionally fine—solid and thick, exterior dark green. The ribs are marked, but skin is not netted. It is the most delicious of the salmon-fleshed melons, and will please all who plant it.

Montreal Market. Largest of the nutmeg varieties; uniform in shape; netted; flesh green; quality remarkably good. This is a famous melon that is shipped by express from Montreal, Canada, to Boston market; good specimens grown under glass, selling readily at \$1.25 each; can be grown on almost any soil with ordinary fertilizing and cultivating. As a melon for growing large specimens there can be no better, and unlike many of the large sorts it retains its splendid quality.

Cassabah. While this is a very old variety, we have improved it so that now it has qualities not contained in other large melons. The general impression is that only the small sorts are of good flavor, but this is an error. It is the largest variety grown, excellent quality; green fleshed, roughly netted, very prolific, and of good keeping qualities. Too much cannot be said in its favor. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

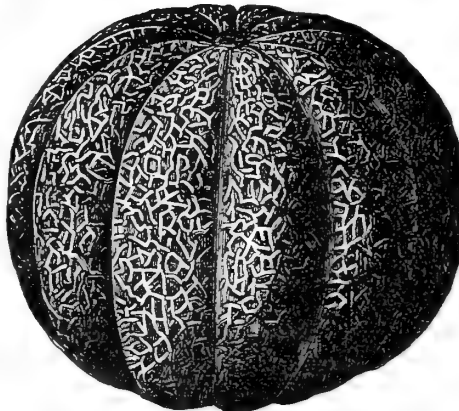
Cosmopolitan. Combines the firm flesh of the French Cantaloupe and the delicious flavor of the American Muskmelon; fruit of medium size, spherical, with no ribs, and densely covered with gray netting.

Triumph. This is a cross between Columbus and Osage, combining all the good qualities of both; flesh red, thick and luscious, and ripens clear to the rind; melons of medium size, beautifully netted.

Columbus. Combines sweetness and fine keeping and cropping qualities. Buff skin covered with whitish netting; flesh green, solid and thick.

Miller's Cream, or Osage (see cut). A remarkably good variety, of large size and delicious flavor; a favorite among truckers on account of being extremely prolific. The fruits are large and round, with light green, netted skin, and thick, sweet, salmon-colored flesh. It is grown largely in the west.

We can supply the following varieties: **Perfection or Princess, Bay View, Mango or Vegetable Orange.** Per pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 70 cts.



EXTRA EARLY HACKENSACK MELON.



MILLER'S CREAM, OR OSAGE.

WATERMELONS.

One ounce for thirty hills, four to five pounds for an acre.

For culture see directions given under heading for Muskmelons.

Price: Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 70 cts., except where noted.

Wonderful (*The McIver Sugar Melon*). The sweetest melon that grows (see page 3). Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Sweet-Heart (see cut). An entirely distinct and handsome new Watermelon. Vine vigorous and productive, ripening early. Fruit large, oval, very heavy, uniformly mottled light and dark green. Flesh bright red, solid and very tender, melting and sweet. The melons retain their good quality for a long time after ripening; is sure to become a popular variety.

Black Spanish. Solid; very thin rind, flesh scarlet, sweet and luscious; a profitable variety for the market gardener.

Mountain Sweet. Early, large, oblong, dark green, thin rind; flesh red; solid, rich and sweet, especially good for Northern gardens.

Cuban Queen. One of the largest varieties, ripening to the very centre; heavy cropper, flesh bright red, tender and melting, luscious, crisp, and very sugary.

Nabob (see cut). A new variety, shape of Kolb Gem, but different color, being mottled. Grow to weigh 50 to 60 lbs. each, with thin, firm rind. Two average-sized men have stood, bearing their whole weight on a Nabob weighing 30 lbs., without cracking the rind or injuring the Melon. They are of most delicious quality, sweet, luscious and melting. The Melons stand shipping a long distance. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Dixie. A cross between the Kolb Gem and old-fashioned Mountain Sweet, surpassing the former in earliness, productiveness, and shipping qualities, and fully equaling the latter in quality and fine flavor. It has a remarkably hard but very thin rind, and will keep longer than any other variety.

Kolb Gem. This Melon grows to a very large size, and is an excellent shipper. Of a delicious, sugary flavor, bright red flesh, firm and solid. It is one of the largest (30 to 50 lbs.), most productive and best keeping Melons grown.

Seminole. An extra early Watermelon, of large size and delicious flavor. Flesh a vivid crimson color; crisp and sugary. The Melons are of two colors—gray and light green; the latter a darker coloring of the former. Melons of both colors are found on the same vine, and are exactly the same in shape, size, color of seed, flavor and quality. It is a very productive Melon, and should be largely grown by farmers and truckers.

Kleckley Sweets. Shape oblong, skin dark green, rind thin, heart large, meaty and luscious flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

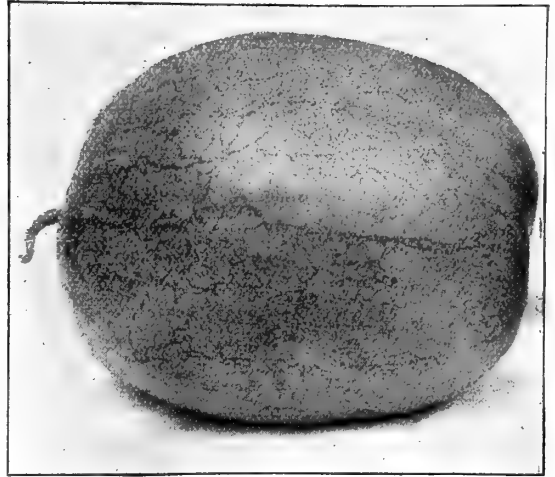
Hoosier King (see cut). A large variety, oblong shape, with skin striped light and dark green. The flesh is brilliant red, very solid, sweet and luscious; the rind is thin, but tough, making it a good variety for shipping. The beautiful markings of the "Hoosier King," together with its desirable shape, make it an attractive and salable Melon.

Boss. Color dark green, flesh unusually deep scarlet, rind very hard, but thin, quality of the best.

Dark Icing. The flavor of this variety cannot be excelled. It is very solid, rind very thin, and highly prized as a shipper; seed white.

Florida Favorite. Of medium size, striped alternately light and dark green, flesh deep red, crisp and deliciously sweet. Earlier than Kolb Gem by two weeks.

Colorado Preserving Citron. This variety combines all the best characteristics of a Preserving Melon, and often attains a weight of 20 lbs.; flesh white and very firm.



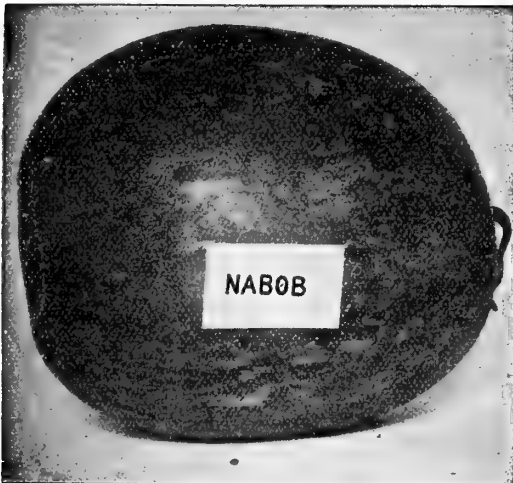
SWEET-HEART WATERMELON.



Striped Gypsy, or Rattlesnake. An early variety, large, oblong, skin green, mottled and striped, rind thin, flesh crimson and fine flavored. One of the best shipping sorts.

Ice Cream (*White Seed*). One of the best, skin mottled gray, flesh pink, solid, sweet and melting, of medium size and nearly round.

Iron-Clad. Of large size and very solid. The rind, though quite thin, is remarkably strong, thus rendering it an excellent shipping sort. It is of a most delicious flavor, and is not surpassed for productiveness.

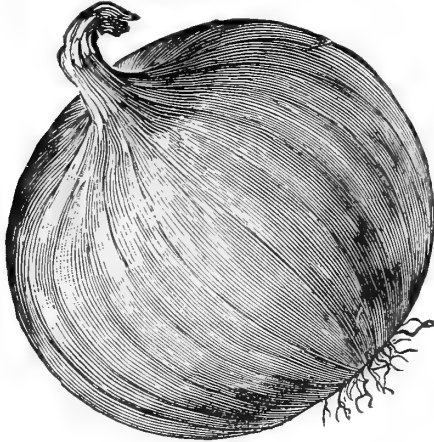


ONIONS. *Zwiebel, GER. Oguon, FR. Cebolla, SP.*

One ounce for one hundred feet of drill, six pounds for one acre.

For sets, sow the seeds as early as possible in the spring, very thickly, in drills. As soon as the tops die off in summer, remove them to a dry, airy place; and early in the following spring replant by placing the sets in shallow drills 12 inches apart, and about 4 inches apart in the drills; the onions, by this process, are obtained of a large size early in the season. They may also be grown to full size during the first season by sowing thinly in drills 1 foot apart, and about $\frac{1}{4}$ inch deep, in March or early in April, in strong land, well manured, and thinning them out to stand 3 or 4 inches apart in the drills. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground.

By sowing Onion seed in frames in February or March, and transplanting in April, Onions of immense size can be obtained. For this purpose the varieties Southport Globe (White, Yellow or Red) and Prizetaker are usually preferred.



YELLOW GLOBE DANVERS.

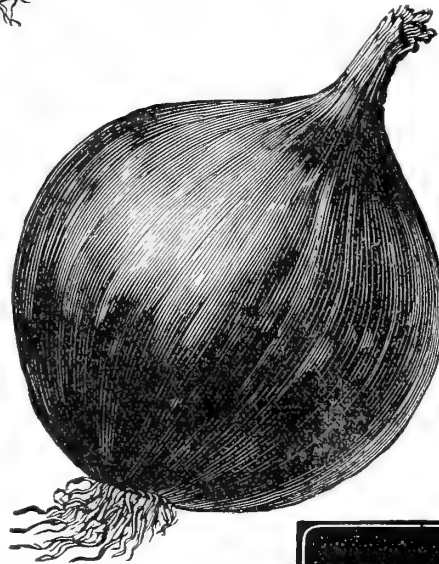
Extra Early Red. Earlier than the Wetherfield, and somewhat smaller, close grained and a good keeper. It is somewhat the shape of the Cracker onion, but hardier. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Large Red Wethersfield. A leading variety in the Eastern States; grows to full size the first season from seed; almost round, large, deep red; keeps well. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Southport Red Globe (*Connecticut-grown*). (See cut.) Beautiful globe-shaped, a good keeper and of superior quality. This variety is very popular on the market as a red sort. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Southport White Globe (*Connecticut-grown*). (See cut.) Pure white color, mild flavor, and equally as good for keeping as the yellow sort. It is an enormous yielder, sometimes producing as much as 1300 bushels to the acre, and always sells at high prices. It is best to dry these onions in a shady place, and one where they will get plenty of air. Our seed of this splendid variety is very fine, and raised from selected bulbs, and is much better than ordinary seed offered by other houses. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

White Portugal, or Silver Skin. This variety is one of the leading white sorts, and is of beautiful shape and very mild flavor. The bulbs are flat in shape and mature early. It is a splendid variety for both family use and the market gardener, and is very largely used for growing sets on account of its fine shape when small, and also for its good keeping qualities. It is also extensively used as a pickling onion, for which purpose it seems to be finely adapted. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$2.75.



SOUTHPORT RED GLOBE.

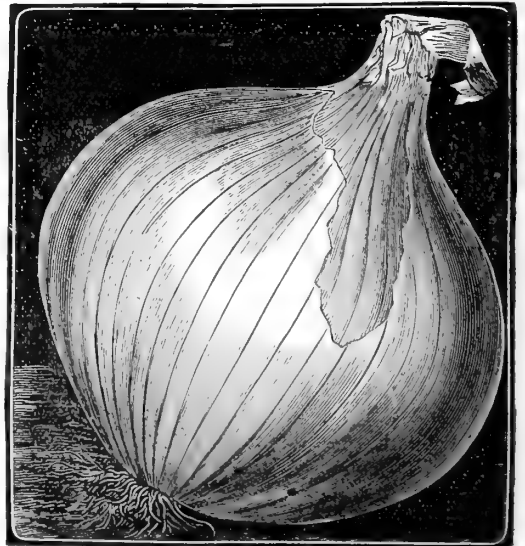
Australian Brown. This new variety is one of the best keeping onions grown. See description and illustration on page 3. Price: Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Yellow Globe Danvers (see cut). A standard sort and one of the most desirable; an excellent keeper and very productive. Our strain of this variety is the true globe shape, and not of the flat type. Onion growers throughout the country prefer this type of onion to all others, and it is with this in view that the bulbs from which our seed is grown are specially and carefully selected as to shape. It is the best paying onion that is grown for general crop, and will be the leading variety for years. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Southport Yellow Globe (*Connecticut-grown*). A very large, handsome, globular-shaped yellow variety, very productive, of mild flavor. This is also a favorite variety with the onion grower. The outer skin is a beautiful pale yellow; the bulbs are of a beautiful globe shape, and good keepers. The Connecticut-grown seed of this variety is far better than that grown in other sections, and will produce larger and better crops. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Philadelphia Yellow Dutch, or Strasburg. The leading market variety; a good keeper and well flavored; bright straw-colored skin and somewhat flattened shape. The onions grow to a good size and are rather flat. This variety is largely grown for sets on account of its excellent keeping qualities. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Rhode Island Yellow Cracker. An extra early variety, popular in the Rhode Island markets. An excellent sort to raise where the seasons are short. We believe that when this variety is better known it will rank among the most popular sorts. It is a good keeper and also a good seller. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.



WHITE GLOBE ONION.

WE PAY THE POSTAGE. Please remember that at the prices given for Onion Seed we send it by mail postpaid, therefore there will be no further expense attached to receiving it. Also kindly bear in mind that our seed is all of highest germination, and, having been grown from selected bulbs, is absolutely pure. **Buyers of large quantities** should write for estimate on the quantity of seed they need.

Choice Onion Seed—Continued.

Prizetaker (see cut). This is the large pale yellow onion that is offered for sale in the fruit stores and markets in the fall. It grows to a very large size; flesh white, of mild and delicate flavor. The large onions are raised first year from seed, and with ordinary culture produce enormous crops. The onions sometimes go over 5 lbs. each in weight where good soil and culture is given them. Each year the demand for pure seed of this beautiful onion grows larger, and the onions always meet with ready sale on the markets. Our seed is pure and the genuine Prizetaker. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

White Pearl. One of the earliest varieties, pure white, mild flavor and attractive appearance. It is not a good keeper, but its quick growth makes it a good sort to grow for early market, as they mature in about 70 days from planting. Pkt., 15 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

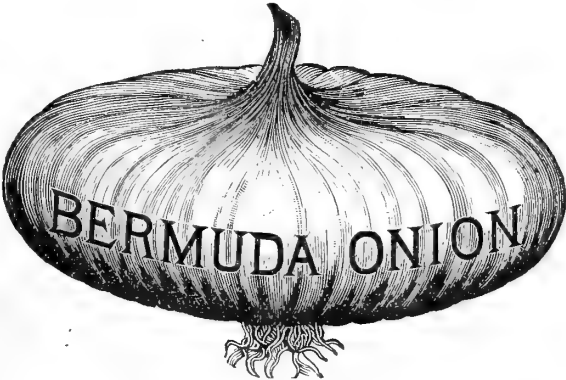
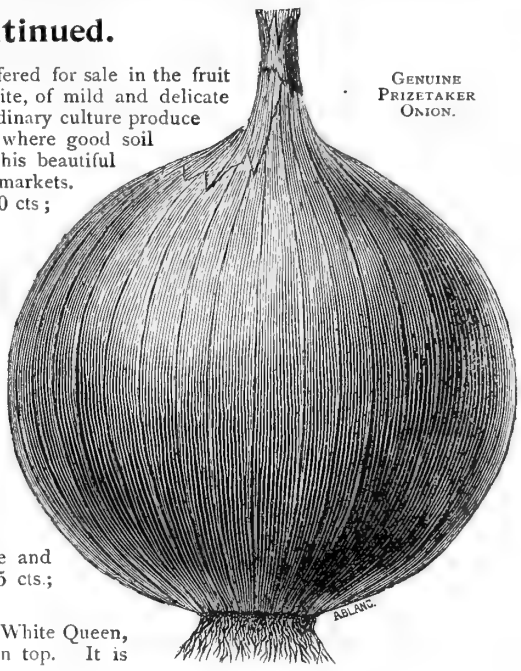
White Queen. A rapid-growing variety of mild flavor. This is the earliest onion grown; they are very mild, pure white, and splendid for pickling. They grow small and can be sown thickly. It is best to dry the onions as soon as dug. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Mammoth Silver King. This variety is noted for the extra large size onions it produces the first season from the seed. It is a large flat variety, averaging 5 to 6 inches in diameter. Specimens have been grown to weigh as high as 4 lbs. The skin is pure white and flesh remarkably tender and pleasing to the taste. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

White Barletta. An extra early small white onion; similar to White Queen, and makes bulbs about $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter; in shape flattened on top. It is a good keeper, and as a pickling variety it is unexcelled. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

White Victoria. Grows to a large size; oval shape; skin and flesh silvery white, very mild and sweet. Can be grown from sets in the South or by transplanting in the North. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Large Red Tripoli. Large, red, flat; free from strong aroma, and keep well during the winter. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.



NEW ONION SEED.
We offer none but new seed of all varieties, grown from selected bulbs and critically tested. It is of strong germination and will produce grand crops. We caution onion growers against old seed which will be offered by unscrupulous parties, as the crops of all varieties were short the past season, and much old seed will be sold as new crop.

BERMUDA ONIONS.—These are the onions which are annually shipped from Bermuda in large quantities. Bermuda growers find that seed from the Island of Teneriffe gives best results, and it is from this section we obtain our supply.

Bermuda White (*Teneriffe stock*). The Bermudas are the earliest onions in the market, and are grown extensively in the South; matures earlier than the red. The outer skin is of straw color and flesh pure white. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

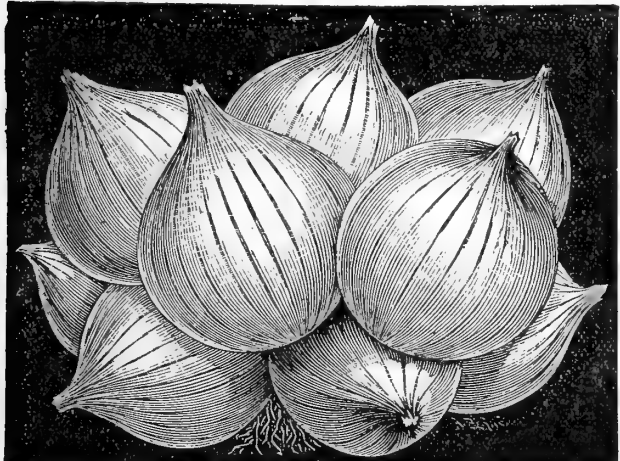
Bermuda Red (*Teneriffe stock*). Similar to the white, but with deep red skin. These are on the market very early in the spring and are grown profitably in the South. The quality is very good. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

CHOICE ONION SETS.

Prices subject to market changes.

Postage on Onion Sets 10 cts. per quart additional. Onion Sets should be planted out as early in the spring as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 3 or four inches apart in the row.

	Per qt.	Per $\frac{1}{2}$ pk.	Per pk.	Per bus.
Yellow Onion Sets	\$0.20	\$0.60	\$1.00	\$3.00
White Onion Sets.....	.25	.75	1.25	4.00
Red Onion Sets.....	.20	.65	1.10	4.00
White Potato (Multiplier).....	.25	.75	1.25	4.50
Yellow Potato Onions	.25	.65	1.10	4.00
Egyptian, or Perennial Tree.....	.25	.65	1.10	4.00
Shallots.....	.25	.75	1.50	4.50
Garlic. Lb., 25 cts.; mail, 35 cts. By express, 10 lbs., \$2.00				



WHITE POTATO, OR MULTIPLIER ONIONS.

FOR SUCCESS IN GROWING ONIONS

read our book, "Open-Air Vegetables." It tells how to plant and cultivate, also how to store over winter, and is worth many times its cost. Sent postpaid for 25 cts.

GARDEN PEAS.

One quart will plant about 100 feet of drill. One and a half bushels for one acre.

Peas mature earliest in a light, rich soil; for general crop, a rich deep loam, or inclining to clay, is the best. When grown in gardens sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March; continue for a succession every two weeks until June, then discontinuing until the middle of August, when a good crop may be secured by sowing the extra early and early sorts for fall use. They should be kept clean and earthed up twice during the growth. The wrinkled varieties are not as hardy as the small round sorts, and if planted early should have a dry soil, or they are liable to rot in the ground; they are, however, the sweetest and best-flavored varieties. The dwarf varieties are best suited for small gardens or for forcing, planted in rows 1 foot apart.

Packets of all varieties of Peas at 10 cts. each, postpaid. Add for postage on Peas 8 cts. per pint, 15 cts. per quart. Larger quantities sent by express or freight at purchaser's expense.

EXTRA EARLY VARIETIES.

Dreer's Extra Early Electric. A fine variety for the market gardener. (For description see page 3.) Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, \$1.00; peck, \$1.50; bu., \$4.50.

Gradus, or Prosperity. An extra early wrinkled pea, bearing pods fully as large as Telephone. (For description see page 4.) Pt., 30 cts.; qt., 50 cts.; $\frac{1}{2}$ peck, \$1.75; peck, \$3.00.

Dreer's Eureka Extra Early (see cut.) We have been improving this strain of extra early pea for a number of years, and feel that we now have the choicest strain of this valuable variety of smooth peas. It is the earliest and most prolific extra early variety, and has given the best results wherever grown, and is a standard for earliness and fine quality. It is an extremely even cropper, and can be gathered clean in two pickings, which is a valuable feature. For a late fall crop it has few equals, and is the market gardener's favorite for all seasons; height 20 inches. Pt., 15 cts.; qt., 25 cts.; $\frac{1}{2}$ peck, 75 cts.; peck, \$1.25; bu., \$4.00.

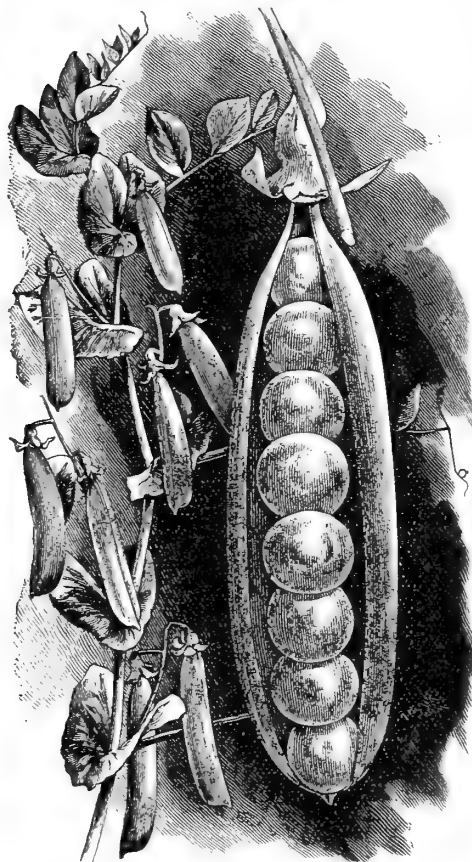
Dreer's Extra Early Pioneer. This is another special grade, and will meet the wants of all who desire EARLY PEAS. Pods of medium size, containing 4 to 6 full, plump peas of fine flavor. A remarkably early variety that should be planted by market gardeners and truckers. The attractive appearance of the pods make it a good seller, and the quality is all that could be desired. It will suit the most critical market. Pt., 15 cts.; qt., 25 cts.; $\frac{1}{2}$ peck, 75 cts.; peck, \$1.25; bu., \$4.00.

Improved Daniel O'Rourke. Good early sort for market gardeners and private use. Pt., 15 cts.; qt., 25 cts.; $\frac{1}{2}$ peck, 65 cts.; peck, \$1.00; bu., \$3.75.

Alaska. An extra early round pea. Of good flavor, and bearing pods of a dark green color, which are well filled and ripen uniformly. A feature of this pea which is extremely desirable is that the pods hold their rich color well and will stand shipping long distances. It is a variety that has many friends among the gardeners and is found in market among the earliest sorts; 2 feet. Pt., 15 cts.; qt., 25 cts.; $\frac{1}{2}$ peck, 75 cts.; peck, \$1.25; bu., \$4.50.

Lightning. A very early pea, bearing in great profusion long, well-filled pods, containing peas of a bright green color, well flavored, sweet and of good size. The plants are completely studded with peas early in the season; 2 feet. Pt., 15 cts.; qt., 25 cts.; $\frac{1}{2}$ peck, 75 cts.; peck, \$1.25; bu., \$4.50.

Duke of York. A splendid extra early wrinkled pea of English origin, and similar to the Telephone. Peas are very large, and they are well filled with large, dark green peas, which are of sweet, delicious quality. Pt., 20 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, \$1.00; peck, \$1.75.



DREER'S EUREKA EXTRA EARLY.

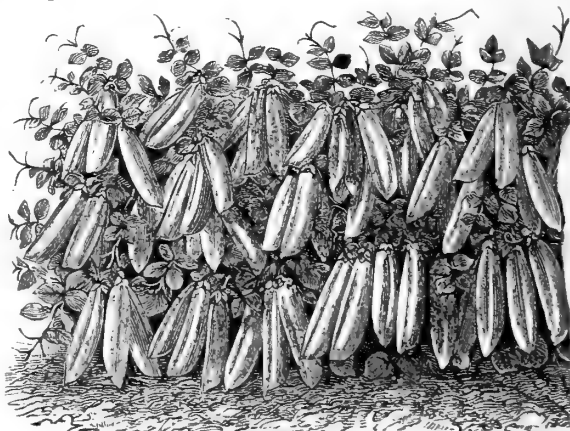
Nott's Excelsior (see cut). One of the best of recent introduction, an improvement on American Wonder, being as early, if not a little earlier, and the pods are decidedly larger and many more of them to the plant. It grows about half taller than American Wonder, and careful comparisons of the two sorts, grown side-by-side, show Nott's Excelsior to be a decided improvement in every way; height 14 inches. Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, 85 cts.; peck, \$1.50; bu., \$5.50.

American Wonder. A very fine extra early wrinkled variety. It is well suited for the private garden and quite productive. The flavor and quality of the peas is excellent, and its dwarf habit of growth makes it a desirable sort; height 10 inches. Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, 85 cts.; peck, \$1.50; bu., \$5.50.

Blue Beauty. A good variety to follow American Wonder; bears a profusion of excellent peas; 18 inches. Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, 85 cts.; peck, \$1.50; bu., \$5.00.

Premium Gem. A fine flavored dwarf, wrinkled variety, pods long, dark green and prolific; height 18 inches. Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, 85 cts.; peck, \$1.50; bu., \$5.00.

Little Gem. A dwarf first early, green wrinkled marrow, very prolific, and of superior flavor; 1 $\frac{1}{2}$ feet. Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, 85 cts.; peck, \$1.50; bu., \$5.00.



NOTT'S EXCELSIOR PEAS.

Seeds and Plants are now taken by leading Express Companies at a reduction of 20 percent. from the regular rates for merchandise. This great concession enables our customers to receive their supplies at very small expense.

GARDEN PEAS—Continued.

Second Early and Medium.

Ameer. A new blue-seeded variety, producing handsome and large pods. (For description see page 4.) Pt., 20 cts.; qt., 35 cts.; $\frac{1}{2}$ peck, \$1.00; peck, \$1.75; bu., \$6.00.

Advancer. A fine early market variety, prolific, well-filled long pods, tender and of delicious flavor; 2 feet. Pt., 15 cts.; qt., 25 cts.; $\frac{1}{2}$ peck, 75 cts.; peck, \$1.25; bu., \$4.50.

Horsford's Market Garden. A prolific and desirable pea for a summer crop. Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, 85 cts.; peck, \$1.50; bu., \$5.00.

Fillbasket. Hardy, prolific, upright and branching in habit, pods well filled with medium size peas; one of the best second early. Season medium. Height 2 $\frac{1}{2}$ feet. Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, 85 cts.; peck, \$1.50; bu., \$5.50.

Shropshire Hero. A grand new second early wrinkled pea, producing long, handsome, well-filled pods in great abundance; 2 $\frac{1}{2}$ feet. Pt., 20 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, 85 cts.; peck, \$1.50; bu., \$5.50.

Abundance. Pods containing 6 to 8 large wrinkled peas of excellent quality. It ripens about one week after the earliest kinds. A feature of this variety is its remarkable tendency to branch out at the roots, and for this reason the seed should be planted thinly; 1 $\frac{1}{2}$ feet. Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, 85 cts.; peck, \$1.50; bu., \$5.00.

Heroine. A medium early green wrinkled pea, and one of the best of recent introduction; large, curved, showy pods; an immense cropper; peas of finest quality. Height 2 to 2 $\frac{1}{2}$ feet.

Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, 85 cts.; peck, \$1.50; bu., \$5.00.

General and Late Crop.

Dwarf Telephone. A new dwarf type of the Telephone pea. (For description, see page 4.) Pt., 25 cts.; qt., 40 cts.; $\frac{1}{2}$ peck, \$1.50; peck, \$2.75.

Champion of England. The most popular wrinkled variety in cultivation, of delicious flavor; a profuse bearer; 5 feet. Pt., 15 cts.; qt., 25 cts.; $\frac{1}{2}$ peck, 65 cts.; peck, \$1.25; bu., \$4.50.

Long Island Mammoth. A very productive variety, of dark glossy long pods, well filled. Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, 85 cts.; peck, \$1.50; bu., \$5.00.

Yorkshire Hero. A splendid wrinkled marrow for market and kitchen gardens; 2 $\frac{1}{2}$ feet. Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, 85 cts.; peck, \$1.50; bu., \$5.00.

Everbearing. A first-class pea for summer and autumn use, pods 3 to 4 inches long, and contain 6 to 8 peas of a rich flavor; very sweet and tender; 2 feet. Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, 85 cts.; peck, \$1.50; bu., \$5.00.

Junco. Late wrinkled pea, with large, straight pods filled with delicious dark green peas of large size. Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, 85 cts.; peck, \$1.50; bu., \$5.00.

Pride of the Market. A medium early dwarf pea of vigorous habit and very productive. The pods are large, of a medium green color, and contain 7 to 9 peas of fine quality; 1 $\frac{1}{2}$ feet. Pt., 20 cts.; qt., 35 cts.; $\frac{1}{2}$ peck, \$1.00; peck, \$1.75; bu., \$6.00.

Telegraph. A strong grower, producing large pods, containing 10 to 12 large peas in each. Peas, when cooked, are of a deep green color, and of very fine flavor. Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, 85 cts.; peck, \$1.50; bu., \$5.50.

Improved Stratagem. In this improved variety all the good qualities of the old Stratagem are highly developed, and it is vastly superior to the stock now generally sold as Stratagem. Pods of immense size filled with very large dark green peas of the finest quality. Pt., 15 cts.; qt., 30 cts.; $\frac{1}{2}$ peck, \$1.00; peck, \$1.50; bu., \$5.50.

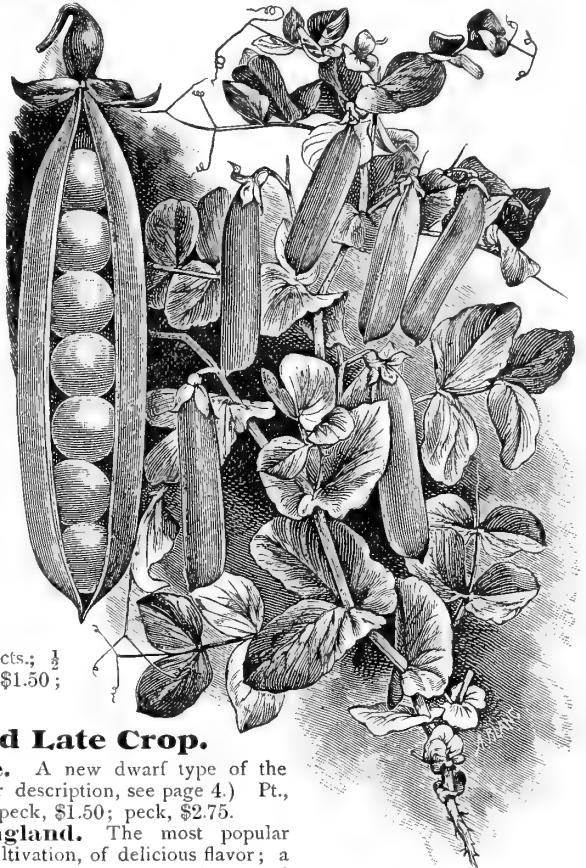
Telephone (see cut). Immensely productive and of the finest quality. Vines very strong, averaging 18 to 20 pods per stalk; the pods are of large size, containing 5 or 7 peas each, which are of a pale green color, and are closely packed in the pod, and of most delicious flavor. This variety has become quite a favorite; 4 feet. Pt., 20 cts.; qt., 35 cts.; $\frac{1}{2}$ peck, \$1.00; peck, \$1.75; bu., \$6.00.

Blue Imperial. A favorite summer variety; good bearer, and of fine flavor; height 3 feet. Pt., 15 cts.; qt., 25 cts.; $\frac{1}{2}$ peck, 75 cts.; peck, \$1.25; bu., \$4.50.

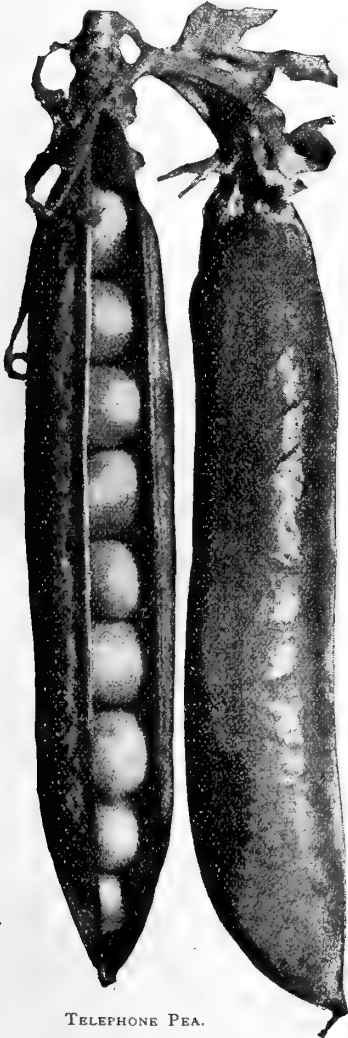
French Canner (*Petit Pois, or Small French Pea*). This is the small French pea extensively used for canning, and is the most profitable variety grown for that purpose; very prolific, with long, slim pods, containing from 7 to 10 peas; 3 to 3 $\frac{1}{2}$ feet. Pt., 15 cts.; qt., 20 cts.; $\frac{1}{2}$ peck, 60 cts.; peck, \$1.00; bu., \$3.50.

Large White Marrowfat. Large, well-filled pods; 5 feet. Pt., 10 cts.; qt., 15 cts.; $\frac{1}{2}$ peck, 45 cts.; peck, 75 cts.; bu., \$2.50.

Black-eyed Marrowfat. This and the White Marrowfat are extensively grown as field peas, as they are hardy, productive and bear well-filled pods; 4 feet. Pt., 10 cts.; qt., 15 cts.; $\frac{1}{2}$ peck, 45 cts.; peck, 75 cts.; bu., \$2.50.

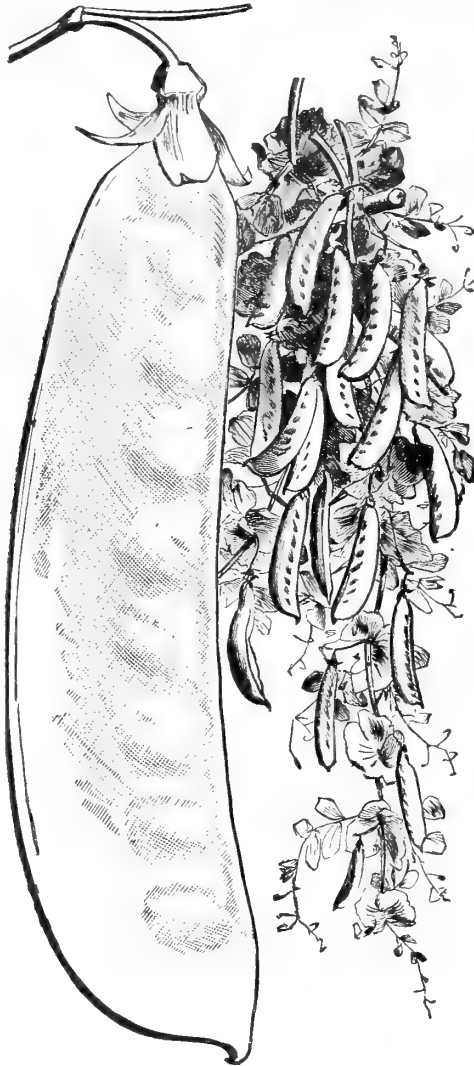


SHROPSHIRE HERO PEA.



TELEPHONE PEA.

For Sugar Peas see page 40.



MAMMOTH MELTING SUGAR PEA.

SUGAR PEAS (Edible Podded).

All varieties: Pkt., 10 cts.; pt., 25 cts.; qt., 40 cts., by express.

The varieties of this class are cultivated for their pods, which are remarkably tender and succulent; in flavor equal to the best string beans. They are gathered young, boiled whole, and served up with white sauce.

Mammoth Melting Sugar. This new variety of Sugar Pea is a vast improvement over the old sorts. It is larger, much sweeter, and more productive than any other variety. The pods grow 6 to 7 inches long, and are entirely stringless and very tender. If the sweetness and delicious quality of this variety was more generally known there would be an enormous demand for the seed.

Dwarf White Sugar. Edible pods, fine flavor; used like Snap-short Beans; 2 feet.

Tall White Sugar. Large, long, edible pods; used like the Dwarf; 5 ft.

Dwarf Gray-seeded Sugar. Similar to above variety; height 2 ft.

PEAS FOR FODDER AND GREEN MANURING.

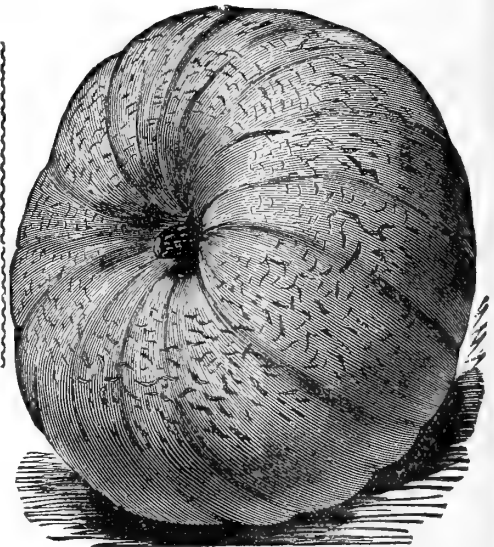
Southern Black-Eyed Cow Peas. Also known as Sand Pea. A small white variety with black eye. Sow in May or June for plowing under. Much used for green manuring purposes. Use two to three bushels to acre. Peck, 50 cts.; bu., \$1.50; 5 bu., \$7.00.

Wonderful Cow Peas. This new variety is wonderful in its enormous production of vines and peas. As an improver of the soil they are invaluable; they grow quicker and larger than other varieties; should be planted in May or June to obtain best results. Peck, 60 cts.; bu., \$1.75; 5 bu., \$8.25.

Canada Field Peas. Very popular as a hay and forage crop, also a very early nutritious dry or green feed. Sow in March or April at the rate of 1½ bu. per acre broadcast with ½ bu. oats as a support; cut for hay before the peas mature. Excellent pigeon feed when dry. Peck, 40 cts.; bu., \$1.50; 5 bu., \$7.00.

BOOKS For FARM the GARDEN

Also books on other subjects are offered on page 193 of this catalogue. Only the best works are listed by us, and sold at lowest prices.



MAMMOTH POTIRON PUMPKIN.

PUMPKIN.

Sow in good soil in May, when the ground has become warm, in hills 8 or 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with the corn; always avoid planting near other vines, as they will hybridize. The Cashaw is generally preferred for cooking and making pies.

Large Cheese. One of the best for table use; productive, skin orange, flesh yellow and sweet. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.



PUMPKIN, LARGE RED ETAMPES.

Cashaw. Long, yellow, crook-neck, similar to the Crook-Neck Winter Squash; flesh yellow, solid, fine-grained and sweet. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

Large Red Etampes (see cut). Bright glossy red, of great size and very showy; excellent for exhibition purposes. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00.

Large Yellow Mammoth Potiron (*King of the Mammoths, Jumbo*). (See cut.) The largest of all pumpkins; specimens have been grown weighing over 190 pounds. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00.

Large Tours. A productive variety, which grows to an immense size, often weighing over 100 pounds. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Tennessee Sweet Potato. Pear-shaped; flesh thick, cream-white, fine grained, and of excellent flavor. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

Large Yellow Field. For feeding stock. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 30 cts. By express, 10 lbs., \$2.00.

Pastinake, GER. **Parsnip.** *Pastinaca* δ
Panais, FR. *Chirivia*, SP.

One ounce for 200 feet of drill, 5 to 6 lbs. for an acre.

Sow as early in the spring as the weather will admit, in drills 15 inches apart and $\frac{1}{2}$ inch deep, in a rich, deep soil; thin out to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars for immediate needs. Valuable for feeding stock, as well as for table use.

Large Sugar, or Hollow Crown (see cut). The best variety; roots long, very smooth, white, tender, sugary, and of excellent flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

Student or Guernsey. A good, half-long variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

Petersilie, GER. **PARSLEY.** *Persil*, FR.
Peregil, SP.

Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly early in April, in rows 1 foot apart and $\frac{1}{2}$ inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker, soak the seed a few hours in warm water, or sprout in damp earth, and sow when it swells or bursts. For winter use protect in a frame or light cellar.

Dreer's Summer Green. The best for summer use (see page 3). Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Half Curled. A medium curled variety for garnishing and seasoning. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Dwarf Extra Curled Perpetual. Leaves tender, crimped and very curly, of a bright green color, and very ornamental. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

Champion Moss Curled. A distinct variety of unequalled merit, beautifully crimped and curled. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

Fern Leaved. Nothing better for garnishing could be desired. Stands the winter if covered before frost. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

Turnip-rooted, or Hamburg. The fleshy root resembles a parsnip, and is used for flavoring soups, stews, etc.



LARGE SUGAR, OR HOLLOW CROWN PARSNIP.

Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 90 cts.

Pfeffer, GER. **PEPPER.** *Piment*, FR.
Pimiento, SP.

Peppers are indispensable as a seasoning for soups and meats. The mild, sweet varieties, like Golden Dawn and Ruby King, are used for sauces. Sow in hot-beds in March or April, or on a warm sheltered border in May, and, when the season is favorable, transplant in rows 2 feet apart and 18 inches in row, in good, rich ground. Number next to name refers to illustration below.

Large Bell, or Bull Nose (No. 7). A large early variety, of mild flavor, rind thick and fleshy. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Ruby King (No. 3). Good variety for mangoes or pickling, very sweet. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.

Long Red Cayenne (No. 1). From 3 to 4 inches long, of bright red color, productive and hot. Pkt., 5 cts.; oz., 30 cts.

Small Chili. Red conical pods, about 2 inches long, very hot and prolific; used for seasoning and pepper sauce. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.

Procopp's Giant (No. 6). Grows to a large size, from 8 to 9 inches long, of a brilliant scarlet; flesh very thick and moderately hot. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb. \$1.25.

Celestial (No. 8). A beautiful variety from China, with upright pods, conical in shape, and varying in color from a delicate creamy yellow to vivid scarlet. Pkt., 5 cts.; oz., 30 cts.

The large varieties are mainly used for this purpose and pickling. The large varieties are mainly used for this purpose and pickling. The large varieties are mainly used for this purpose and pickling.

Large Sweet Spanish (No. 2). Large, red variety, for pickles and salads. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.

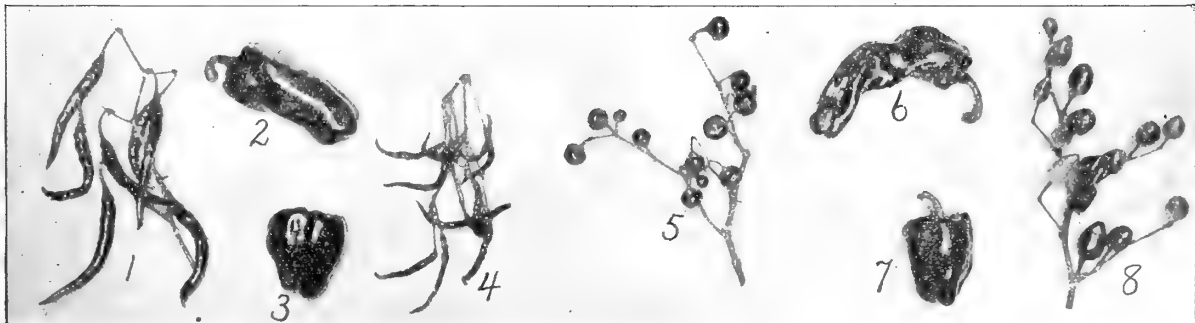
Golden Dawn. A beautiful yellow pepper; attractive in the garden as well as on the table; of mild and sweet flavor. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.

Creole, or Bird's Eye. A distinct variety, largely grown in the South; fruit very small, round and very hot. It is quite ornamental and often grown as a pot plant. Pkt., 10 cts.

Red Japan Cluster (No. 4). One of the most desirable peppers. It bears bright scarlet fruit in numerous clusters. Pkt., 10 cts.; oz., 40 cts.

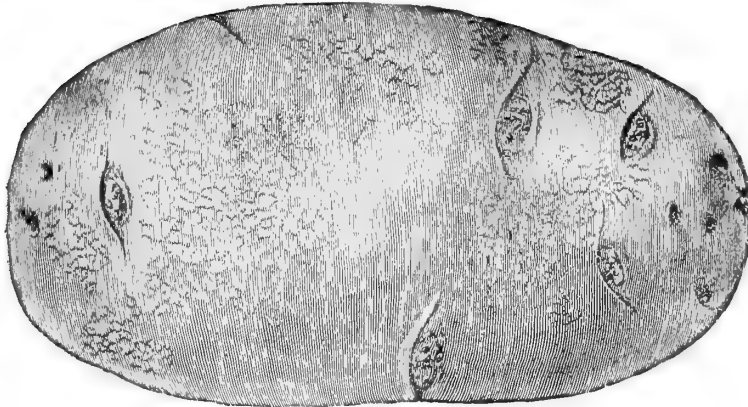
Red Cherry (No. 5). An ornamental variety; fruit round, rich glossy scarlet color, very hot. Pkt., 5 cts.; oz., 30 cts.

Coral Gem. Beautiful little pods of shining red color, so thickly set as to give it the appearance of a bouquet of coral; admirable as a pot plant. Pkt., 10 cts.; oz., 40 cts.

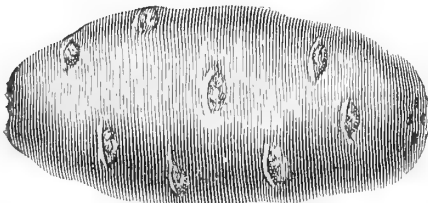


POTATOES.

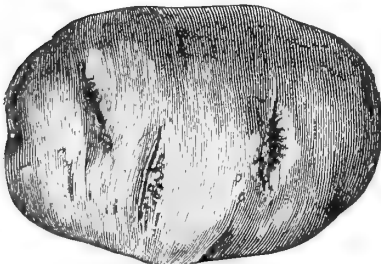
The soil best suited to the potato is a rich, sandy loam, but it seems to thrive in almost any soil or climate. The potato, being a gross feeder, requires a liberal application of manure; if stable manure is to be used, it should be well rotted, and not allowed to come in contact with the tubers. On no other crop are the results from the use of the phosphates so manifest as on the potato; almost invariably the tubers are smoother, brighter and freer from rust and the destructive influence of wire worms. The best fertilizers are plaster, lime, super-phosphate of lime and bone-dust. Potato scab can be entirely prevented by using flower of sulphur in the rows with the phosphate. Use at the rate of 100 to 150 lbs. to the acre. Plant as early in the spring as the ground can be thoroughly worked, in rows 3 feet apart and 1 foot in the rows; covering in light warm soil about 4 inches, and in cold wet ground 3 inches deep; draw the earth to the plants as they advance in growth.



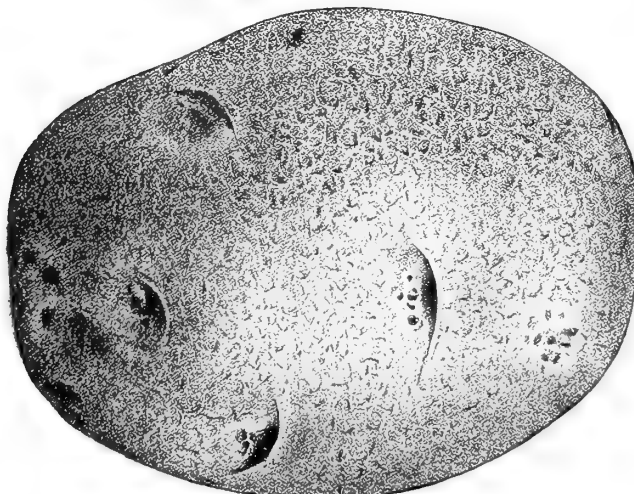
DREER'S STANDARD POTATO.



EARLY ROSE.



RURAL NEW YORKER, NO. 2.



IRISH COBBLER POTATO.

IMPORTANT.—Prices of Potatoes are subject to market changes. Potatoes are forwarded by express or freight as directed, purchaser paying charges. We assume no risk on Potatoes, which are forwarded strictly at purchaser's responsibility.

Dreer's Standard (see cut). A splendid extra early variety, of fine quality, beautiful appearance and extraordinary productiveness, free from disease or rot, and an excellent keeper. Private gardeners in the vicinity of Philadelphia rely on this variety for their extra early crop. $\frac{3}{4}$ peck, 40 cts.; peck, 75 cts.; bu., \$2.00; bbl., \$5.00.

Beauty of Hebron. Early; productive; of excellent quality; a good keeper. Peck, 50 cts.; bu., \$1.40; bbl., \$3.50.

Early Ohio. One of the very best early potatoes; it is fit for use before fully ripe. Many growers consider it the most profitable market variety, as it

produces well in every section. Peck, 50 cts.; bu., \$1.50; bbl., \$4.00.

Irish Cobbler (see cut). An extra early sort, said to ripen a few days earlier than the Early Ohio, and fully its equal in quality. Size medium, round, eyes deep and flesh white and excellent quality. Peck, 60 cts.; bu., \$1.75; bbl., \$4.50.

Early Rose (see cut). (Michigan grown.) A leading variety for earliness, quality and productiveness. Known so well as to need no special description. Peck, 50 cts.; bu., \$1.40; bbl., \$3.50.

Burbank's Seedling. A white-skinned, medium early variety, with few eyes; flesh fine-grained and of excellent flavor. For many years this variety was a general favorite. Peck, 50 cts.; bu., \$1.40; bbl., \$3.50.

Rural New Yorker No. 2 (see cut). A valuable variety of large size, very smooth and a great cropper; in quality unexcelled. The tubers grow extremely solid, making it a splendid keeper, and the vigorous growth of vine enables it to withstand disease, drought and insects. Peck, 50 cts.; bu., \$1.40; bbl., \$3.50.

Carman No. 1. Intermediate in ripening, and resembles the Rural New Yorker No. 2 in shape, but of much larger size. It also has very few and shallow eyes. The flesh is white and quality perfect. An enormous producer of very large and handsome tubers. We consider this a good variety. Peck, 50 cts.; bu., \$1.40; bbl., \$3.50.

Carman No. 3. Originated on the trial grounds of the "Rural New Yorker," by Editor Carman. It is the best late variety, and one of the greatest yielders; large, oblong, slightly flattened. This splendid potato has a record of having produced over 200 bushels from one barrel of seed. Peck, 50 cts.; bu., \$1.40; bbl., \$3.50.

State of Maine. Medium early, excellent flavor, cooks dry, is a good keeper and very productive. Peck, 50 cts.; bu., \$1.40; bbl., \$3.50.

White Star. A medium early variety of the best quality and appearance; large, oblong, uniform-sized tubers, remarkably productive. Peck, 50 cts.; bu., \$1.40; bbl., \$3.50.

POTATOES BY MAIL, postpaid, any variety,
30 cts. per lb.; 3 lbs. 75 cts.

SWEET POTATOES.

Prices subject to market changes.

Yellow Nansmond. A short, thick variety, very productive, and considered the best for general culture. Peck, 60 cts.; bu., \$1.75; bbl., \$4.50.

Red Nansmond. Short, thick and of good flavor; largely grown in some sections in preference to the yellow. Peck, 60 cts.; bu., \$1.75; bbl., \$4.50.

(For Sweet Potato Plants see page 48.)

RADISH.

Rettig, oder Radieschen, GER. Radis, Rave Petite et tonque, FR.

Radishes thrive best in a light, rich, mellow soil, and to bring out their mild qualities they must make a quick and tender growth. Sow for very early use in hot-beds during the winter and early spring, or later on in sheltered borders, in well-manured, deeply dug, and finely raked soil; if not well stimulated into a rapid growth, they become fibrous and tough; sow in drills 10 inches apart, and thin to 2 inches in the rows. Sow at intervals of two or three weeks until September for a succession. Sow winter varieties in July and August; like the turnip, they make the best growth in autumn, and must be taken out before severe frost, and stored away in a cool cellar in sand, or a pit, where they will keep tender and crisp all winter; before using put in cold water, which adds to their freshness.

EARLY RADISHES.

Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts., except where noted.

New Triumph. This is a beautiful and odd radish, which when mixed in the bunch with Scarlet Radishes makes a pleasing contrast. The radishes are globe shape and strikingly handsome, having bright scarlet stripes on a white ground. It is a splendid forcing variety, with short top, small leaves, and matures quickly. The warmth of the hot-bed makes its peculiar colorings quite prominent. It can also be grown in the open ground, and is of mild, pleasing flavor. It is very ornamental for table use. Per pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Cardinal Globe. This is the best forcing variety (see description on page 4). Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Dreer's Earliest White Globe Forcing. The earliest white radish in existence, beautiful oval shape, transparent ivory-white skin, very small root, small top; flesh white, tender and crisp. It is particularly adapted to forcing in greenhouse or hot-bed, also does well in open ground. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

White-Tipped Scarlet Gem. Excellent for forcing, short leaves, bright scarlet, with white tip.

Scarlet Frame. A very early turnip radish; bright scarlet crimson color; perfectly round, crisp and tender.

Round Red Forcing. One of the earliest and best of the turnip varieties for forcing, very short leaved, small top; color of skin dark red, white fleshed.

Round White Forcing. Small white button type

Early Scarlet Turnip. Small top, quick growth, mild and crisp. Standard for early planting in open ground. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

French Breakfast. Oblong shape, rapid growth, very mild and tender, beautiful scarlet color tipped with white.

Cincinnati Market. A new extra early variety, of the Long Scarlet type, of a clear bright red color.

Long Scarlet Short Top. Long bright, scarlet, with small top. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

Half-Long Deep Scarlet. An excellent intermediate sort, for forcing or open ground. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

Philadelphia White Box. Perfectly round, smooth skin, pure white, free from sharpness, quick grower, small top. For forcing it is superior. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

Early White Turnip. An early crisp, turnip-shaped radish. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

Improved Golden Dresden. A round radish, with golden-brown skin and small top, ready for table four weeks from sowing in open ground; flesh white and crisp, and fine flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

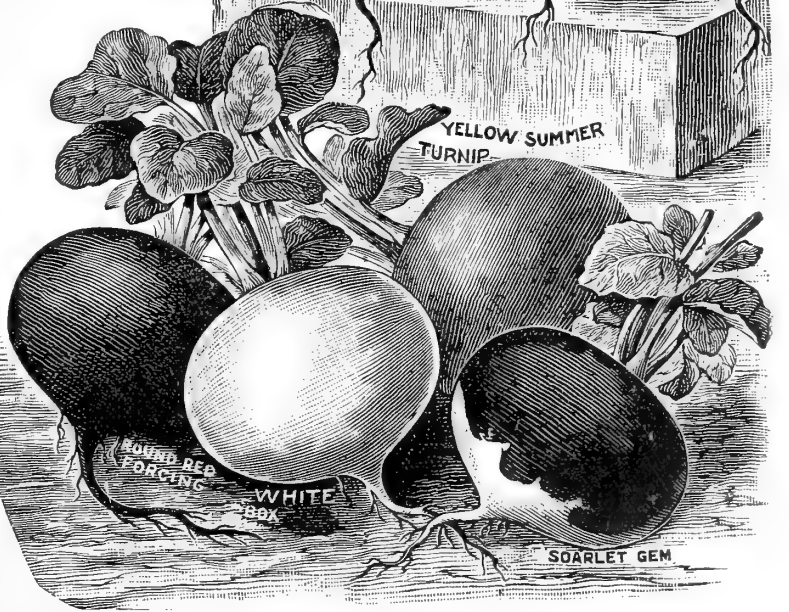
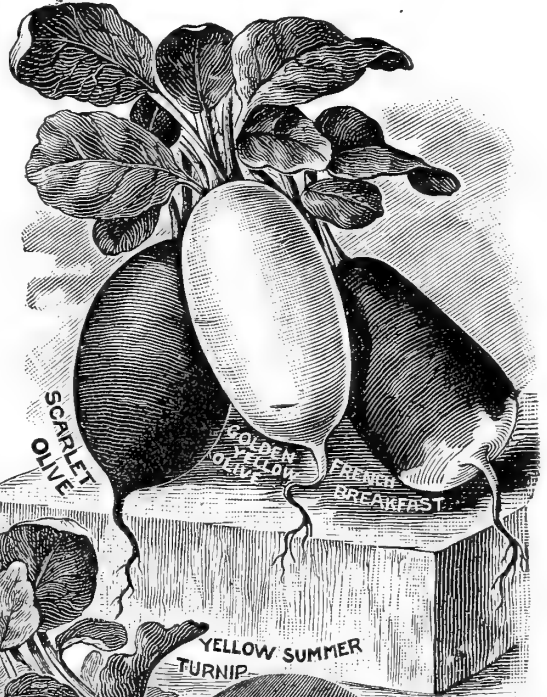
Golden-Yellow Olive-Shaped. A very early yellow radish, for forcing and the open ground. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

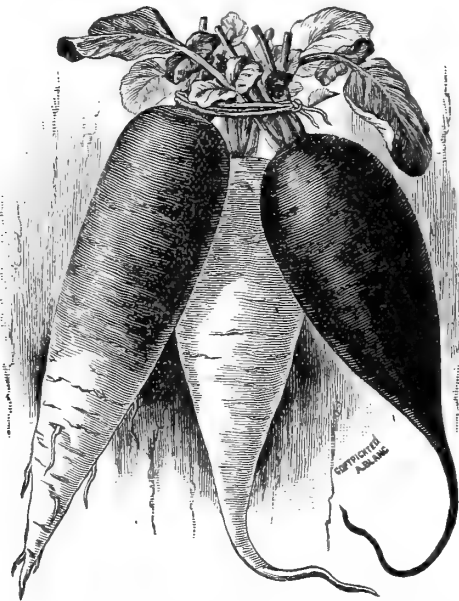
Scarlet Olive-Shaped. Similar to above but scarlet; very pretty.

For **SUMMER AND WINTER RADISHES** see next page.



TRIUMPH RADISH.





CHARTIER. WHITE STRASBURG. HALF-LONG DEEP SCARLET.

Scarlet China. One of the best fall and winter varieties, a favorite with market gardeners. Pkt., cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 90 cts.

Round Scarlet China. A new variety of the China Winter Radish. Root round, of a fine scarlet color. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

RADISH.—Continued.

SUMMER RADISHES.

Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts., except where noted.

White Delicacy. An improvement on the White Strasburg, being earlier, more evenly shaped, and smaller top; grows into full size and perfect shape during the hottest weather; for outdoor early fall sowing it is sure to make a crop of uniform white Radishes, which are in quality first-class—a profitable market gardener's sort. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Beckert's Chartier. Crimson, shading white, crisp and tender, shape long.

Large White Summer. Large, turnip-shape. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

Long White Naples. White; crisp and mild.

Long White Vienna (Lady Finger). Beautiful in shape; skin and flesh are pure snow-white; crisp and of rapid growth.

White Strasburg. Roots oblong, of a pure white color, very brittle and of mild flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

Large Yellow Summer. Like White Summer, except in color. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

WINTER VARIETIES.

Krewson's Oblong Black Spanish. A selection from the Round Black Spanish, but of more perfect form. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Round Black Spanish. One of the best for winter use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

Long Black Spanish, Long White Spanish, California White Winter, each at pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

...SPINACH...

One ounce for 100 feet of drill; 10 to 12 lbs. in drills for an acre.

This is an important market gardener's crop, of easy culture. For spring and summer use, sow either broadcast or in drills, 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September, in well manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves. Sow the New Zealand variety in hills 3 feet apart each way, three or four seeds to hill, or can start in heat and transplant; it can be cut for use all summer.

Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 15 cts.; lb. 40 cts., except where noted.

Dreer's Round Seeded Savoy. The hardest large Savoy-leaved; curled and crimped, with thick, fleshy leaves; the best for family and market purposes, and the best of all sorts for fall sowing.

Long-Standing Round Seeded. A large crimped, thick, fleshy Savoy-leaved variety; will stand two weeks longer than any other sort.

Victoria (see cut). This variety is an acquisition to the list of Spinach; it matures later than the other varieties, but is of remarkably fine texture, of the deepest green, heavily crimped, thick, fleshy leaves, deep, red stem; it is now grown extensively by the truckers of our markets, who would not be without the "Victoria."

Prickly Seeded. The hardest variety, having small leaves; is not so productive as the above sorts.

Large Round Leaved Viroflay. Leaves are large and thick.

New Zealand. This variety endures heat and drought, and is the best for summer use; it produces a large quantity of leaves throughout the season and can be cut continuously. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Hafer-Wurzel, GER. **SALSIFY, OR VEGETABLE OYSTER.** *Salsifis, FR.*

A fine vegetable, used the same as carrots; or, after having been boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as carrots and parsnips; it is hardy, can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during the winter. Succeeds best in a light, well enriched, mellow soil. Sow early in the spring in drills 15 inches apart, 1 inch deep, and thin out to 6 inches apart in the rows.

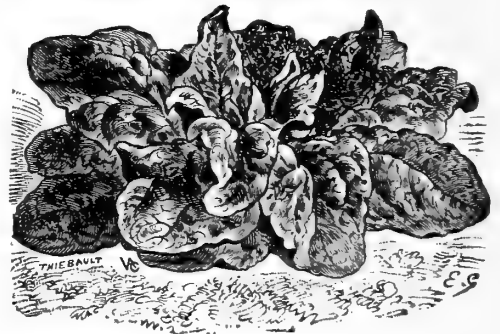
Mammoth Sandwich Island. This variety grows here to a very large size, and resembles a good-sized parsnip. It is very mild and delicately flavored, and is very popular. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Long White. The favorite market variety, and the best flavored. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Long Black, or Scorzonera. Resembles the above, and cultivated in the same way. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

SORREL.

Large Leaved Garden. Cultivated for its acidity and much used in salads. The improved varieties, when well-



VICTORIA SPINACH.

grown and cooked the same as spinach, make a healthy and palatable dish. Sow in drills early in spring and thin the seedlings to 6 or 8 inches apart in the row. Commence cutting in two months, plants continue to bear four years. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

RHUBARB.

Linnaeus. Early, large, tender, and very fine. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Victoria. Very large; the finest cooking variety. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

(For Rhubarb Roots, see Vegetable Plants, etc., page 48.)

SQUASH.

Squashes should be planted in a warm, light, rich soil, after the weather has become settled and warm, about the middle of May or June. Plant in well-manured hills, in the same manner as Cucumbers and Melons—the bush varieties 3 or 4 feet apart each way, and the running kinds from 6 to 8 feet. Eight to ten seeds should be sown in each hill, thinning out, after they have attained their rough leaves and danger from bugs is over, leaving three or four of the strongest plants per hill. An occasional feeding of liquid manure will repay in size of fruits.

Price: Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 20 cts.; lb., 60 cts., except where noted.

EARLY SORTS.

Extra Early Jersey White Bush (see cut). This is an improved strain of the old White Bush Squash, the result of selections which have been made for a number of years by a prominent near-by market gardener. It grows in the bush form, without any inclination to make runners, and is enormously productive. The squashes mature fully ten days earlier than the old sort and are of good marketable size. They show less ridge, or scallop, being better filled out, and contain a larger amount of flesh than the parent variety. The squashes cook well and the flavor is delicious. We especially recommend this variety, both for shipping and home consumption. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Early White Bush. A good variety for market or shipping; it grows to a fair size, bearing an abundant crop. The skin is of extremely hard texture, and they are grown largely in the South for shipment to Northern markets.

Golden Custard Bush. Of similar size and shape to the White Bush, but of a rich golden-yellow color.

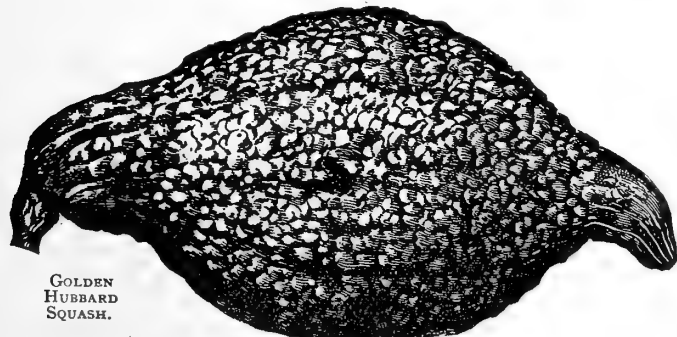
Yellow Summer Crook-neck (see cut). Early, productive and of good quality; skin orange-yellow. Quality excellent. It grows in bush form and produces an abundant crop of beautiful Squashes.

Faxon. The characteristics of this new Squash are earliness, long keeping and superiority in richness of flavor.

Vegetable Marrow. A delicious English sort; skin greenish-white, flesh white, soft and of rich flavor; quite distinct from other sorts. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., 90 cts.



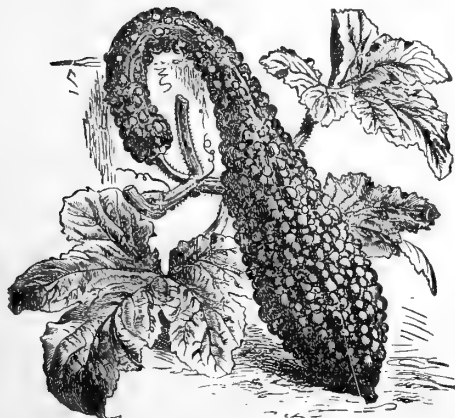
EXTRA EARLY JERSEY WHITE BUSH SQUASH.



GOLDEN HUBBARD SQUASH.

Golden Hubbard (see cut). In shape same as the old-fashioned Hubbard, but the skin is rich orange color. It is extremely attractive, matures earlier than the green-shell Hubbard and is more productive. The color of flesh is deep golden-yellow, cooks dry and is of fine flavor. The keeping qualities are fully equal to the old variety, and it is sure to become popular as a fall and winter variety. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Bay State. Extremely solid, of heavy weight, fine and dry flesh, of sweet flavor, of a beautiful bright golden yellow, very handsome; blue, shell extremely hard and flinty; an excellent keeper.



YELLOW CROOK-NECK SQUASH.

FALL AND WINTER SORTS.

Early Prolific Orange Marrow. This excellent fall or winter Squash originated in New England, but does well in all sections. In shape it resembles the Boston Marrow, but it is earlier and more prolific. A splendid variety for the market gardener, as its brilliant orange-red color is very attractive, and its keeping and cooking qualities will make it popular with the consumer. It has thin, but hard rind, and the flesh is deep, fine-grained and of delicious flavor.

Boston Marrow. A good keeper, of excellent flavor, flesh orange colored and fine-grained; oval form and a popular sort with market gardeners in all sections. Its cooking qualities are excellent, being rich and dry.

Essex Hybrid, Warren, or American Turban. This variety is one of the finest grained and sweetest of the Squash family. Specimens kept until June as sound and as good as when gathered in the fall. The flesh is very thick, rich colored and solid. It ripens early and is productive.

Fordhook. A winter Squash of great merit; of a handsome bright-yellow color outside and straw-yellow within; the flesh is dry and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 75 cts.

Sweet Nut. An excellent sort of medium size; flesh dry, rich and very sweet; enormously productive, and valuable both as a summer and a winter Squash; is borer-proof. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 75 cts.

Pike's Peak, or Sibley. Skin smooth and thin, and of a pale-green color; flesh thick, solid; orange color; very dry; fine grain and delicate flavor.

Mammoth Chili. Rich orange yellow; flesh thick and of good quality for making pies; grows to an enormous size; also a good sort for feeding stock. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

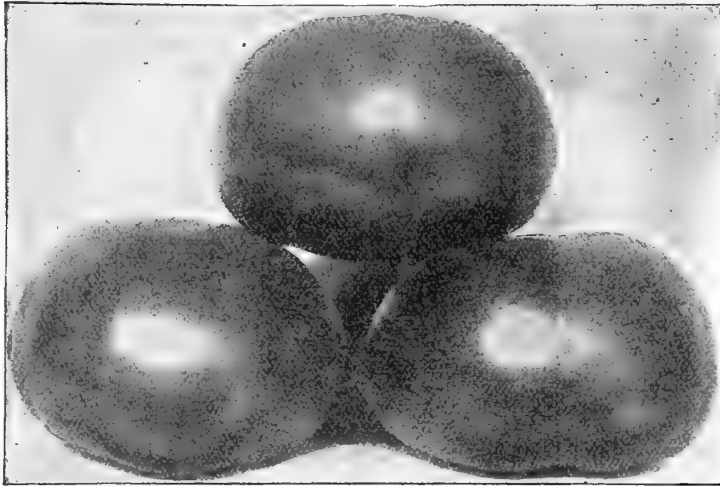
Winter Crook-neck. One of the best sorts for winter use, as it is an excellent keeping variety; flesh bright yellow, of fine flavor.

Hubbard. One of the best late table varieties; of large size; flesh fine-grained, dry, of excellent flavor.

Marblehead. Resembling the Hubbard, but of a lighter color, and is remarkable for its sweetness, dryness, and delicious flavor. Good keeper.

Liebesapfel, GER. **TOMATO** Tomate, FR. Tomate, SP.

For early plants sow in hot-beds early in March, in drills 5 inches apart and $\frac{1}{2}$ inch deep; when the plants are about 2 inches high transplant into another hot-bed 4 inches apart each way; plant out in the open ground early in May, or as soon as danger from frost is over, 4 feet apart each way in hills, which should have a shovelful of well-rotted manure mixed with the soil. Water freely at time of transplanting; when the first fruit is set, pinch off the ends of the branches to obtain early fruit. Sufficient plants for a small garden can be grown in a shallow box or a large flower-pot, by placing it in a sunny window in a warm room or kitchen. For late use sow in a sheltered border in May, and set out the plants in July; the green fruit can be picked off before frost and ripened under glass. By training the vines on trellises or tying to stakes, the fruit will ripen better and be of finer quality.



DREER'S SELECTED STONE TOMATO.

Selected Trophy. One of the very best in cultivation.

Our seed is saved only from the finest ripe specimens, which for size, smoothness, solidity and excellent flavor are unsurpassed. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.25.

Beauty. Rich glossy crimson, with a slight purple tinge; grows in clusters of four to five; is of large size, very smooth and solid. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.25.

Mayflower. Excellent for forcing or outside use; medium size; bright red. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 65 cts.

Early Michigan. Of medium size to large, very early, solid, smooth and perfectly shaped; color, rich red; of excellent flavor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Imperial. This variety matures early and maintains a good size through the season. A beautiful and meaty tomato. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Acme. One of the best for family use; ripens evenly; of medium uniform size, of a pinkish color. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Perfection. Larger than Acme, fully as early; perfectly smooth, solid, deep red in color. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.25.

The Stone. Dreer's selected stock (see cut). Fruit very large and deep; bright scarlet; smooth, ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed, of the finest quality; the best for family use and for canneries. Our tests from the introduction of this sort have proved it to be a superior tomato; suited to the wants of the most critical. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Honor Bright. The foliage is yellowish-green and the fruits grow in clusters of from 3 to 5 large tomatoes. The color, when fully ripe, is a rich bright red, but during growth it makes several interesting changes in color. First light green, then an attractive waxy white, then lemon, changing to rich bright red at maturity. The quality is very fine, flesh thick and meaty, with small seed cavities. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Aristocrat. In habit same as Dwarf Champion; fruit red. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Favorite. Large size, ripens evenly and early; very prolific; good flavor, flesh solid. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 65 cts.

Pink Mikado (Turner's Hybrid). Very large and solid; purplish-red; distinct foliage. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Red Mikado. Color bright red, of large size, borne in clusters. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Ponderosa. Large size, good solid substance, excellent for stewing purposes. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Golden Queen. A handsome yellow tomato, resembling Paragon except color. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Best of All (forcing). The best tomato to grow under glass. Immense cropper; bears heavy clusters of fruit at short intervals all over the plant; deep scarlet; very solid; good size and shape. Pkt., 15 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.

Earliest of All (forcing). The earliest red tomato; medium size, brilliant red color and superior flavor. The fruits grow in large clusters, and the vines are enormously productive. Pkt., 15 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.

King Humbert (forcing). (See cut.) A small, irregular, egg-shaped variety, which grows in clusters. It ripens evenly and fruits can remain on vines a long time before softening. It is a splendid variety for forcing, in which case the interior forms a solid fleshy body. Pkt., 10 cts.; oz., 30 cts.

Lorillard (forcing). A good sort for forcing under glass as well as for outdoor culture; bright red, smooth, early. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

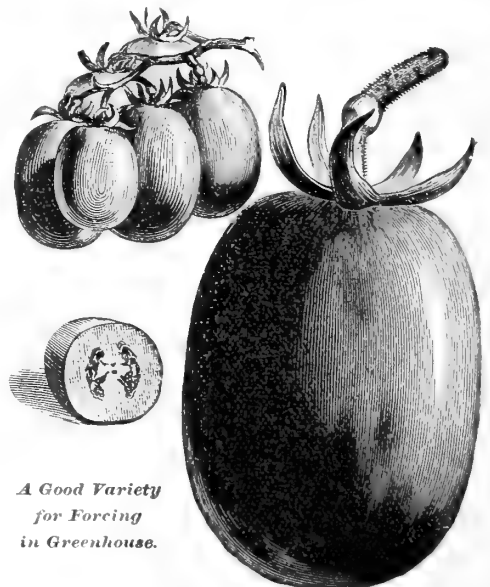
Atlantic Prize, or Early Ruby. Splendid extra early variety for general use, of large size, bright red color and smooth; an extra early and productive. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Selected Paragon. A fine early variety and a heavy bearer; fruit of large size, solid and smooth as an apple. Excellent for canning. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Dwarf Champion. An early and distinct variety, medium in size, plant of dwarf and compact growth. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Buckeye State. Fruits in immense clusters; solid and meaty; color similar to Beauty. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Royal Red. Deep scarlet, a first-class main crop variety. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.



A Good Variety for Forcing in Greenhouse.

KING HUMBERT TOMATO.

We can also supply: Red Peach, Red Pear-Shaped, Yellow Plum, Yellow Pear, Red Cherry, Yellow Cherry, Red Currant, Strawberry or Ground Cherry, each at 10 cts. per pkt.; 25 cts. per oz.

TURNIP.

Steckrübe, GER. Navet, FR. Nabo Comun, SP.

For early use, sow as soon as the ground opens in spring, in drills from 12 to 15 inches apart; thin out to 6 or 9 inches in the rows. For a succession, continue to sow every two weeks until June; for a fall and winter crop, sow in July and August. The Ruta Bagas are grown for feeding stock, and are also excellent for the table. Take up the roots in November, or before severe frosts; cut off the tops within an inch of the crown, store in a cool cellar or pit, or pile up in a conical form, out of doors, in dry ground; cover carefully with long straw, and finish by earthing up, covering them with about 12 or 15 inches of earth, leaving a trench around the heap to carry off the water. Put away in this manner they will be found in good condition in the spring.

***Varieties well suited for stock feeding also.**



Red or Purple Top (Strap Leaf). This strap-leaf variety is the principal sort for early spring and fall use; top is red or purple above ground, flesh fine-grained, of mild flavor, and a good keeper. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

Early White Flat Dutch (Strap Leaf). An early white-fleshed variety, of quick growth, mild flavor, and excellent quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

Extra Early Purple Top Milan. This variety is at least two weeks earlier than any other. It is of a handsome appearance, somewhat flattened, white with purple top, flesh snow-white, fine-grained and delicate flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

Early White Milan. Similar to above, but pure white. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

Early Munich. A very early variety, purple top, white flesh, of fine grain and good flavor. Should be grown quickly. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Scarlet Kashmir. This is a new and distinct variety, the outside skin is of a beautiful deep scarlet color; flesh white, very early, and of the finest table quality. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.00.

Early White Egg. An egg-shaped variety, for spring or fall sowing; flesh white, firm, fine-grained, mild and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

Snowball. Extra early. A variety of sterling merit, perfectly round, early, pure white, very solid, sweet, short top. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

Purple Top White Globe. A variety of decided merit. Of globular shape, very handsome, and of superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth, and an excellent keeper. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

***Yellow Aberdeen, Purple Top.** Very hardy and productive, good keeper, globe-shaped and fine quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

Golden Ball. Rapid grower, excellent flavor, globe-shaped, bright yellow, good keeper, and a superior table variety or for stock. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

***Large White French.** A superior variety for table or stock; flesh firm, white and solid. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

***Large White Norfolk.** A large globe variety, very sweet, excellent also for stock feeding. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

Long White, or Cow Horn. Grows very quickly, partly above ground; very productive; flesh white, fine-grained and sweet; of excellent quality for family and market gardener's use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

***Yellow Globe (Yellow Stone).** One of the best for a general crop, flesh firm and sweet, grows to a large size, excellent for table use or feeding stock, and keeps well until late in the spring. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

RUTA BAGA.

***Dreer's Improved Purple Top.** This is a choice stock, roots of large size and perfect form, fine-grained, with short top and smooth skin. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

***Budlong's Improved.** White, very sweet, much milder flavor than any of the other sorts; globe-shaped; skin a cream yellow. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

***American Purple Top.** Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

***Skirving's Purple Top.** An important variety of large size and strong growth, a heavy cropper and one of the best for field culture. Pkt. 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

TOBACCO.

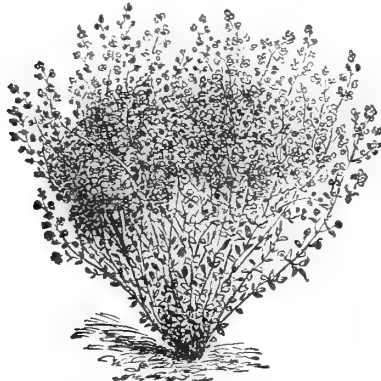
Connecticut Seed Leaf. One of the best varieties for cigar wrappers. Pkt., 5 cts.; oz., 25 cts.

Pennsylvania Seed Leaf. Has a larger and finer leaf than the Connecticut. Pkt., 5 cts.; oz., 25 cts.

Havana. The seed we offer is the best Vuelta Abajo. Pkt., 10 cts.; oz., 40 cts.

Hyc, Hester, Sterling, Long-Leaf, Gooch, Yellow Prior, White Burley, Primus. Each per pkt., 10 cts.; oz., 30 cts.

DREER'S RELIABLE VEGETABLE SEEDS can only be obtained direct from headquarters, as we do not put them out on sale at the stores. They are the purest and best seeds that can be obtained anywhere, and fully worth the price asked. We hope to receive your order.



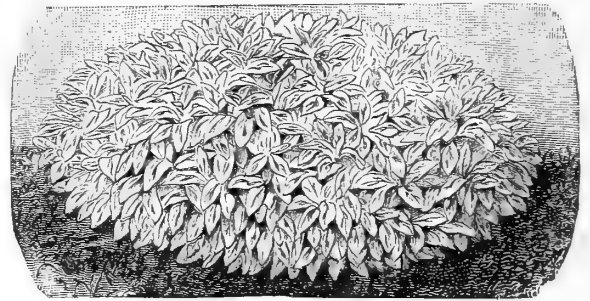
SWEET MARJORAM

- ***Rosemary.** An aromatic herb. Pkt., 5 cts.; oz., 30 cts.
 ***Rue.** Medicinal; good for fowls for the roup. Pkt., 5 cts.; oz., 15 cts.
 ***Sage.** The tender leaves and tops are used in sausage, stuffing and sauces. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 70 cts.
Sweet Marjoram (American). Home-grown seed is the best for winter use, as it makes more bulk. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.
Sweet Marjoram (Imported). Imported seed is best to cut when green for summer use. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.
Savory, Summer. For seasoning purposes. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.
 ***Savory, Winter.** Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.
 ***Tansy.** For medicinal use. Pkt., 5 cts.; oz., 35 cts.
 ***Thyme, Broad-leaved English.** For seasoning. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.
 ***Thyme, French Summer.** Used for seasoning. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.
 ***Wormwood.** Used medicinally; beneficial for poultry; planted in poultry yards. Pkt., 5 cts.; oz., 30 cts.

Sweet, Pot and Medicinal Herbs.

Herbs delight in a rich, mellow soil. Those marked with an * are perennial. Sow seeds early in spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distances, or transplant. They should be cut on a dry day just before they come into full blossom, tied in bunches, and hung up or spread thinly on a floor where they can dry quickly.

- Anise.** For garnishing and flavoring. Pkt., 5 cts.; oz., 20 cts.
 ***Balm.** Used for tea or balm wine. Pkt., 5 cts.; oz., 30 cts.
Basil, Sweet. For soups, stews and sauces. Pkt., 5 cts.; oz., 20 cts.
Bene. Used medicinally. Pkt., 5 cts.; oz., 20 cts.
Borage. Excellent for bees, etc. Pkt., 5 cts.; oz., 15 cts.
 ***Caraway.** For confectionery and medicine, also flavoring. Pkt., 5 cts.; oz., 15 cts.
Castor Oil Bean. For ornament and medicine. Pkt., 5 cts.; oz., 15 cts.
Coriander. Grown for its seed, also for garnishing. Pkt., 5 cts.; oz., 15 cts.
Cumin. Good for pigeons, etc. Pkt., 5 cts.; oz., 15 cts.
Dill. Leaves used in soups, sauces and pickles; also seed for flavoring. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.
 ***Fennel, Sweet.** Leaves when boiled are used in fish sauces. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.
 ***Horehound.** Used medicinally. Pkt., 5 cts.; oz., 30 cts.
 ***Lavender.** An aromatic herb. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.



SAGE.

Vegetable Plants and Roots.

We grow large quantities of Vegetable Plants and Roots, and can supply all the varieties listed below in their proper season. For late Cabbage and Celery Plants, see our Midsummer List, issued July 1st.



TARRAGON.

- ASPARAGUS.** Strong two-year-old Roots. Add 40 cts. per 100 extra if sent by mail.
DREER'S Eclipse. Palmetto. Barr's Mammoth. Columbian Mammoth White. \$1.00 per 100; \$6.00 per 1000.
Conover's Colossal. 75 cts. per 100; \$5.00 per 1000.
Dreer's Asparagus Circular on application.
Cabbage Plants. For April and May delivery. 40 cts. per 100; \$3.00 per 1000.
Cauliflower Plants (Snowstorm). Pot-grown, ready in March and April. 60 cts. per doz.; \$3.50 per 100.
Cauliflower Plants. From hot-bed; ready April and May. \$1.50 per 100.
Celery Plants. Ready July 1st. Golden Self-Blanching, Golden Dwarf, White Plume, Giant Pascal, etc. See Midsummer Price List.
Chives. For flavoring. 10 cts. per clump; \$1.00 per doz.
Egg Plants. Ready in May and June. New York Improved Large Purple. Grown in pots, 60 cts. per doz.; \$4.00 per 100. Out of hot-beds, 30 cts. per doz.; \$2.00 per 100.
Hop Vine Roots. 50 cts. per doz.; \$2.50 per 100. By mail 60 cts. per doz.
Horseradish Sets. 15 cts. per doz.; 50 cts. per 100; \$4.00 per 1000. By mail 20 cts. per doz.
Sweet Potato Plants. Ready in May and June. We grow large quantities of the Red and Yellow Nansmond, and are in a position to make contracts for large lots. 30 cts. per 100; \$2.00 per 1000.
Tarragon (Estragon). For flavoring; the young leaves are used for pickles, vinegar, etc. 20 cts. each; \$2.00 per doz.
Tomato Plants (Transplantra). Ready in May and June. We make a specialty of Tomato plants, and can always supply through the season well-grown plants of the leading varieties. 20 cts. per doz.; \$1.50 per 100; \$7.50 per 1000.

Special Prices to buyers of Large Quantities.

Plants of Cabbage, Cauliflower, Celery, Egg Plants, Pepper, Sweet Potato and Tomato, by mail, 15 cts. per 100 extra.



FARM SEEDS.

FIELD CORN, GRAINS AND FORAGE PLANTS.

Our Seed Corn has been grown for us by careful specialists, and will be found of the highest grade as to quality and germinating power. Sow 8 quarts to the acre, in early May.

If Corn is wanted sent by mail, add 15 cts. per quart.

YELLOW CORN.

Early Yellow Canada. A ninety-day corn, used principally in this latitude for replanting, then maturing with the crop; good for northern latitudes. Qt., 15 cts.; peck, 50 cts.; bu., \$1.50.

Leaming Gourd Seed. One of the best early and most productive varieties, deep grains and small cob. A reliable sort, should be planted largely. Qt., 15 cts.; peck, 50 cts.; bu., \$1.50.

Early 100-Day Bristol. The earliest of the large Yellow Dent varieties; grain golden yellow, large, broad and deep. Yields corn and fodder in abundance. Qt., 15 cts.; peck, 50 cts.; bu., \$1.50.

Golden Beauty (see cut). This is the most beautiful and best yellow field corn that we can offer. The ears contain from 10 to 14 rows of extremely large, broad grains, and the cob is very small; ears are well filled out, even to the extreme end of cob. It matures early and the yield is very heavy. A valuable feature with this variety is its rich golden-yellow color, which, combined with exceedingly good quality, make it an excellent corn for grinding. We recommend the Golden Beauty as the best variety of yellow field corn. Qt., 15 cts.; peck, 50 cts.; bu., \$1.50.

Early Mastodon Dent. An early strong-growing corn, with exceedingly large ears and grain. Qt., 15 cts.; peck, 50 cts.; bu., \$1.50.

Cloud's Yellow Dent. Strong and vigorous, growing from 8 to 12 feet high, producing large, handsome ears, with unusually deep grains. Qt., 15 cts.; peck, 50 cts.; bu., \$1.50.

WHITE CORN.

Hickory King. A distinct White Dent field corn. Bears two and occasionally three ears; the cob is remarkably small. Very productive. Qt., 15 cts.; peck, 50 cts.; bu., \$1.60.

Large White Flint. The old hominy eight-rowed variety; early, productive, and of good quality. Qt., 15 cts.; peck, 50 cts.; bu., \$1.60.

ENSILAGE CORN.

Sow 1½ to 1¾ bushels per acre. Special prices to buyers of large quantities.

Red-Cob Ensilage. A pure white corn on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage. Every dairy farmer should grow this sort; it will produce 25 to 30 tons per acre. Qt., 15 cts.; peck, 40 cts.; bu., \$1.25; 5 bu., \$5.50.

Southern Fodder, Sheeptoath. Another white variety that no silo owner or dairy farmer should overlook. It grows 12 to 15 feet high; has broad foliage and tender stocks. There is no better fodder to keep up the flow of milk during hot weather when the grass is burned up. It will yield 30 to 40 tons per acre. Qt., 15 cts.; peck, 40 cts.; bu., \$1.25; 5 bu., \$5.50.

Blount's Prolific White. This variety bears 4 to 6 ears per stock; grain plump and white. It is very productive, and is considered one of the best varieties for making ensilage. Qt., 15 cts.; peck, 50 cts.; bu., \$1.50; 5 bu., \$7.00.

Sweet Fodder Corn. For soiling or ensilage. Profitable as green fodder; cut when green to feed cattle. Sow broadcast 2 bushels. In drills 3 feet apart 1 bushel per acre. Peck, 60 cts.; bu., \$1.75; 5 bu., \$8.00.

BARLEY.

Sow 1½ to 2 bushels if drilled; 2 to 2½ bushels broadcast.

Manshurey. The most productive six-rowed variety. It ripens early, with strong, stiff straw. Peck, 50 cts.; bu., \$1.25.

OATS.

Sold at standard weight of 32 lbs. to the bushel. Special prices to buyers of large quantities. Sow 3 bushels to acre.

White Maine. This fine variety is grown with much favor in Western New York and elsewhere. It yields, with ordinary cultivation, from 70 to 90 bushels per acre. Peck, 40 cts.; bu., \$1.10; 5 bu., \$5.00.

Lincoln This variety is unquestionably one of the most productive, is very early, and has proven entirely rust-proof; stiff straw, heavy and handsome grain. Peck, 40 cts.; bu., \$1.10; 5 bu., \$5.00.

Welcome. An excellent variety, productive and heavy; straw stiff, grain plump. Averages 45 lbs. per measured bushel. The very best for ordinary soils. Peck, 30 cts.; bu., 80 cts.; 10 bu., \$7.50.

Clydesdale. An early productive variety. Peck, 35 cts.; bu., \$1.10; 5 bu., \$5.00.

SPRING WHEAT.

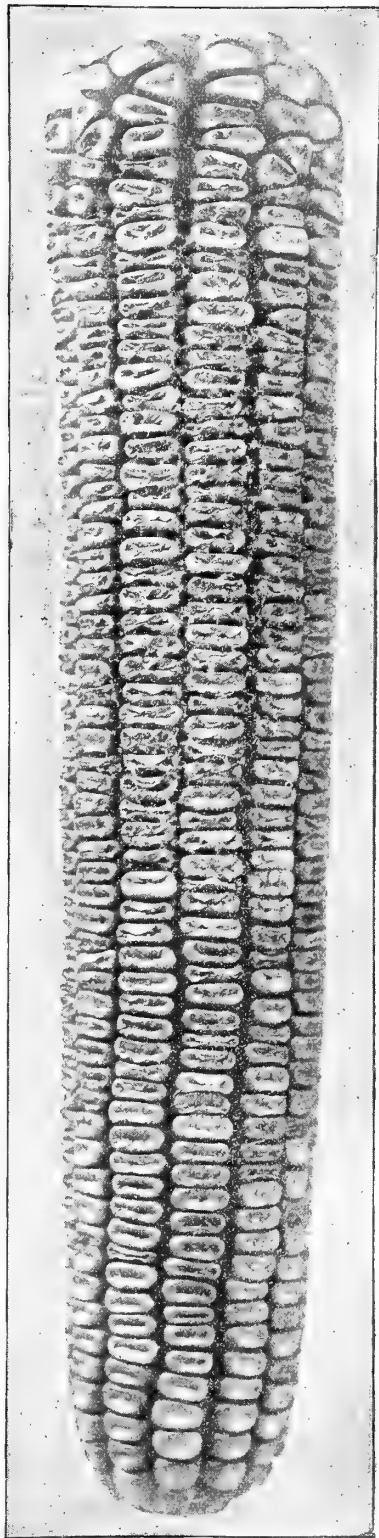
Sow 1½ bushels to acre.

Saskatchewan Fife. This is known as the most desirable variety of spring wheat in cultivation. It is unequalled for productiveness, earliness and vigor. Peck, 60 cts.; bu., \$2.00.

SPRING RYE.

Sow 1½ bushels to the acre.

Used as a catch crop to sow where winter grain has failed. Straw stiffer than the Winter Rye. Peck, 50 cts.; bu., \$1.35; 5 bu. and upwards, \$1.25 per bu.



GOLDEN BEAUTY CORN.

FIELD, FORAGE AND SILO SEEDS.

"DREER'S GRASSES AND CLOVERS" contains the latest facts on *Forage Plants*. Price, 25 cents.

The changing agricultural conditions in America demand new crops and new processes. The soiling of stock will, in some places, receive increased attention. Green manuring will come more and more into vogue. New pasturage crops (particularly for autumn) are needed.

The idea of "green manuring" is that it is cheaper and better to plow under half-grown or fully grown crops than to expend money and labor in the application of natural or artificial manures.

The idea of "soiling" is that it is cheaper to cut and carry forage to stock than to allow the animals to trample upon and destroy their food by roaming the fields.

PEAS FOR FODDER, AND GREEN MANURING.

See page 40.

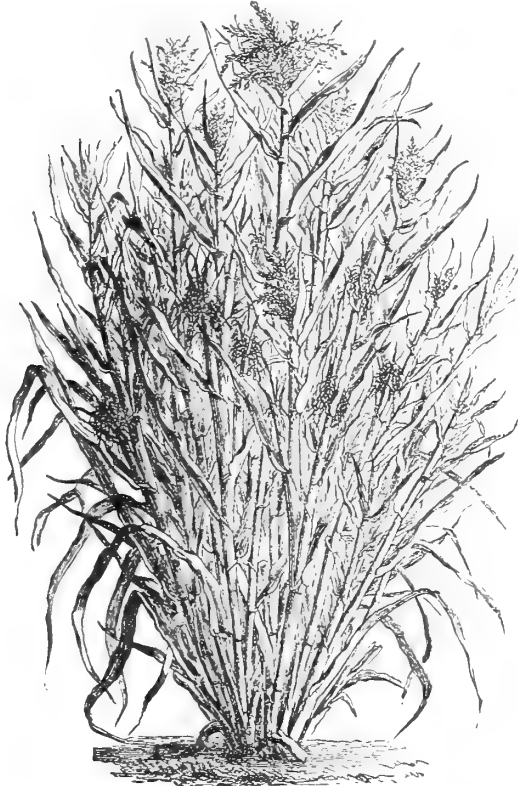
Spring Vetches or Tares (*Vicia Sativa*). Closely associated with peas in character. Highly valuable for soiling or for green manuring. Sometimes grown with oats, for mowing and feeding to stock. Use 2 to 3 bushels to acre broadcast, or 1 to 2 bushels in drills. Sow in spring, while ground is cool and moist, or in early autumn. Lb., 8 cts.; by mail, 15 cts.; \$2.75 bu. of 60 lbs.; \$4.00 per 100 lbs.

Winter Vetches or Tares (*Vicia Villosa*). Also called Sand Vetch or Hairy Vetch. Recommended for fall sowing with rye, which serves as a support. It is perfectly hardy in all parts of the country, remaining green all winter and maturing fully four weeks earlier than Scarlet Clover; it can, therefore, be harvested or plowed under, and the ground used for the usual spring crops. It is very nutritious, and all kinds of stock eat it with relish. Sow from one-half to one bu. per acre, together with one-half bu. of Rye. Price per lb., 8 cts.; by mail, 15 cts.; bu. (60 lb.), \$3.75; 100 lbs., \$6.00.

Yellow Lupin (*Lupinus Luteus*). Botanically related to the peas, but less hardy. Sow May to July, 2 to 3 bushels to acre. Useful for green manuring. 8 cts. lb.; by mail, 16 cts.; \$3.25 per bu. of 60 lbs.; \$5.00 per 100 lbs.

Soja Bean (*Soja Hispida*). Valuable as a forage crop and for fertilizing the soil, also for pasturing, feeding as green fodder and for silo purposes. It makes a very heavy growth, yielding 8 to 10 tons per acre, and is a rich, nitrogenous food, forming flesh rapidly. Sow broadcast, $\frac{1}{2}$ bushel to the acre, or plant in drills 3 feet apart, 1 foot between plants. Lb., 25 cts.; 3 lbs., 60 cts., postpaid; by express, qt., 20 cts.; peck, 85 cts.; bu., \$3.00.

Dwarf Essex Rape (see cut). A forage plant of highest value. It can be sown in April for an early crop, and for fall crop in July, August and September, and still later further south; it is sown broadcast 6 lbs. to the acre, but is better drilled, in which case 3 lbs. to the acre will suffice. In a few weeks from the time of sowing, sheep, hogs or cattle can be turned on it; all reports agree that they gain weight faster on this than any other fodder, as it can be sown after other crops are off; the gain in fodder is secured at a nominal cost. Stockmen, Dairy-men and Farmers have proved its value. Per lb., 10 cts.; by mail, 18 cts.; 10 lbs., 90 cts.; bu. of 50 lbs., \$4.00; 100 lbs., \$7.50.



TEOSINTE.

Teosinte (*Reana Luxurians*). (See cut.) A gigantic fodder plant, resembling Indian corn, except leaves are broader. Grows about 12 feet high and stools heavily, as many as 40 stalks from a single seed. It is excellent for stock feeding, either green during summer, or dry during winter, and is more nutritious and better liked than corn fodder by stock of all kinds. Sow in May or June, in drills about 4 feet apart, using 4 pounds of seed per acre. Per oz., 15 cts.; lb., \$1.25, postpaid; 4 lbs., by express, \$4.00.

Flat Pea (*Lathyrus Silvestris*). A perennial forage plant of value. Will grow well on poor and stony soils. Lb., \$1.75, by mail.

Sacaline (*Polygonum Sachalinense*). For forage. Grows to height of 10 or 12 feet. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 85 cts.; lb., \$3.00, by mail.

Wild Rice (*Zizania Aquatica*). The Zizania is valuable as a forage plant on inundated lands and along the shores of marshes. As an attraction for wild fowls it is invaluable. The seed should be sown in the fall in 6 inches to 6 feet of water, having soft mud bottom where there are few weeds. Lb., 25 cts.; by mail, 33 cts.; 100 lbs., \$16.00

Sunflower, Mammoth Russian. May be grown to great advantage in waste ground. An excellent and cheap food for fowls. Plant 4 quarts to acre. Qt., 10 cts.; by mail, 17 cts.; peck, 60 cts.; bu., 25 lbs., \$1.75; 100 lbs., \$6.00.



DWARF ESSEX RAPE. SECOND GROWTH. ONE PLANT.

SPECIAL PRICES will be quoted by letter on any of the above when wanted in large quantities. Please write to us stating your wants, and we will be pleased to give quotation.

Grass Seeds for Lawn and Pleasure Grounds.

The formulas for Dreer's Brands of Grass Mixtures are the result of careful trials. The seed used, selected and re-cleaned, free from weeds and foul grass. Seedsmen are sometimes censured for the appearance of Crab, or Fall Grass, in lawns, but the fact is that the varieties used in lawn mixtures are perennials, seed of which is harvested in early summer, while the Crab Grass is an annual, which matures its seed in September and October. These seeds remain in ground until conditions are favorable for their germination. Care should be taken to eradicate this coarse grass as fast as it appears.

DREER'S "EVERGREEN" LAWN MIXTURE.

This special mixture is the best for making beautiful and permanent lawns. It is made from our own formula, and composed of grasses which are especially adapted for the purpose of producing lawns which retain their rich green color and velvety appearance throughout the entire summer and fall. It is valuable alike for the formation of lawns in places exposed to the sun, and also to partially shaded situations where it is difficult to produce good sod. In making up this mixture we are extremely careful to use only the very best quality seed, which has been thoroughly re-cleaned, the light seed and chaff having been blown out, thus securing a strictly high grade mixture and seed that will grow. Many of the finest private lawns around Philadelphia and its suburbs were sown with this mixture, and we recommend it to all who desire to sow the best lawn mixture that can be made. 25 cts.

per qt. (30 cts. postpaid); peck, \$1.00; bu. (20 lbs.), \$4.00.

Good Lawns

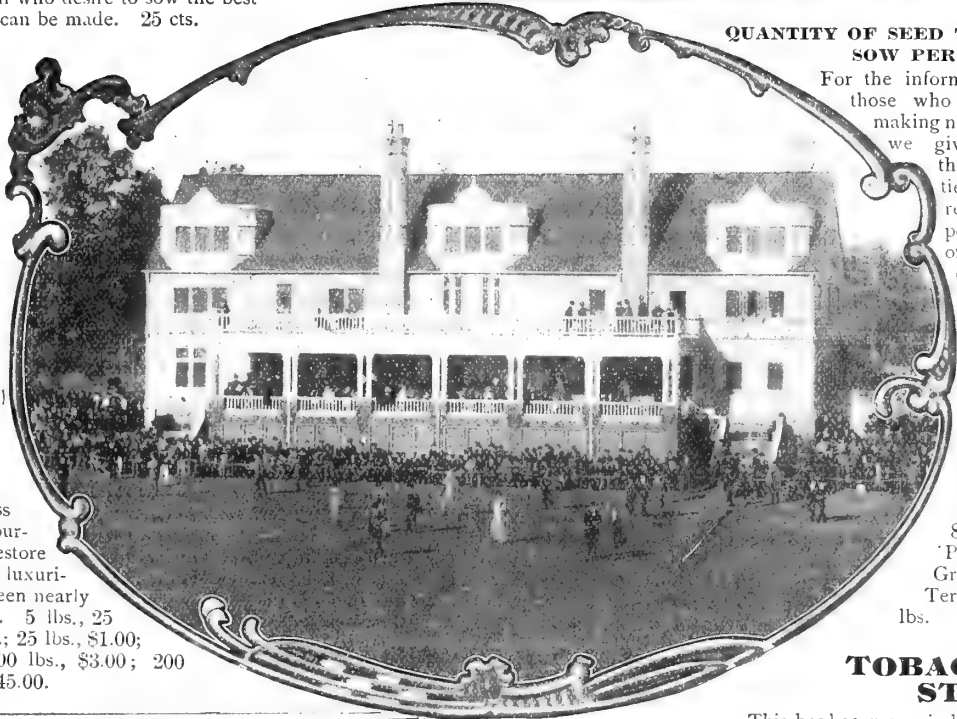
Can be kept in fine condition by the use of Dreer's Peerless Lawn Dressing. It is odorless, and prepared so that it acts gradually through the season. It may be applied at any time during the spring, summer or autumn, or as often as the grass seems to need nourishment. It will restore many lawns to full luxuriance that have been nearly ruined by drought. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 200 lbs., \$5.00; ton, \$45.00.



DREER'S EVERGREEN LAWN GRASS.

QUANTITY OF SEED TO SOW PER ACRE.

For the information of those who intend making new lawns, we give below the quantities of seed required per acre, in order to secure good and permanent results. For Lawns, Golf Links, Tennis, Cricket, Croquet Grounds, 80 lbs.; for Putting Greens and Terraces, 100 lbs.



TOBACCO STEMS.

This has become an indispensable lawn covering for winter. It not only acts as a protector, but imparts large quantities of ammonia, and drives away insects and moles, which harbor in a lawn during winter. Bale of about 250 lbs., 2 00; per ton, \$12.00.

DREER'S FAIRMOUNT PARK LAWN MIXTURE.

While not so good as our "Evergreen," this is better than most mixtures offered under the name of "Fairmount Park." It is carefully compounded of grasses which ripen successively, thereby retaining their green appearance. For various soil conditions this mixture is well suited, giving good results, even in small city grass plots, where the soil is generally stiff and heavy. It is also valuable for use on railroad embankments, terraces and exposed lawns, also for renovating old worn-out lawns, and re-seeding bare places which appear during the summer. 20 cts. per qt. (25 cts. postpaid); peck, 90 cts.; bu. (20 lbs.), 83 50.

Dreer's Special Grass Seed Circular enclosed in every package of Grass Seed sold. See "Dreer's Grasses and Clovers" for valuable hints on lawn-making. 25 cts. by mail.



DREER'S FAIRMOUNT PARK LAWN GRASS.



SOWN WITH DREER'S PUTTING GREEN MIXTURE.

DREER'S SPECIAL MIXTURES OF GRASSES FOR PLEASURE GROUNDS, GOLF LINKS, ETC.

There is no use to which a lawn is put that is so exacting as that used for Pleasure Grounds, Golf Links, etc. No other turf is required to stand such wear and rough usage; hence the necessity of sowing such grasses as will produce a thick and healthy growth, and withstand the constant tramping of many feet. We have devoted much time to experimenting, in order to produce the correct mixtures, such as will quickly produce a rich green turf, and in presenting the two brands mentioned below we offer the very best mixtures of grasses that can be used for the purpose, and are confident that they will give satisfactory results wherever used. Athletic clubs, and others who contemplate making new turf, should write to us stating the area of ground, nature of soil in which seed is to be sown, also the purpose for which the grass is to be used, and we will be pleased to advise as to the best mixture and quantity of seed needed for the purpose, also the cost of same.

Dreer's Putting Green Mixture.

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. It has given thorough satisfaction wherever used, and produces a thick, tough, beautiful green turf. The varieties comprising this mixture are all the finest bladed, low-growing and most hardy kinds, and will maintain their rich velvety green color throughout the season. We also recommend this preparation for terraces, embankments, and steep slopes. Per qt., 25 cts.; 30 cts. postpaid; peck, \$1.25; bu. (20 lbs.), \$5.00.

Dreer's Golf Links Mixture.

Made from our own formula with the object of producing a turf which will stand rough usage. For Cricket Tables, Golf Links, Polo Grounds, or wherever a good sward is wanted, this seed will give perfect satisfaction. We believe the Golf Links of the future will be as fine as a velvety lawn, hence the need of a first-class mixture. This brand is used on the grounds of the Merion, Belmont and Manheim Cricket Clubs, and the leading Golf Links of the country. Peck, 75 cts.; bu. (15 lbs.), \$2.50; 10 bushels and upwards, \$2.25 per bushel.

LAWN TOOLS AND REQUISITES.

In order to keep the Lawn in perfect order, it is necessary to have good tools, and they should always be in perfect order, ready for use at any time. In making purchases it is well to procure the best quality, as only such will stand the constant wear they will be subjected to. We make a specialty of Lawn Tools and Requisites of all kinds, and desire to call attention to the following useful articles: Dreer's Lawn Mowers, Dreer's Golf Green Mowers, Lawn and Field Rollers, Improved Wood and Steel Teeth Lawn Rakes, Grass Edging Knives and Shears, Leaf Racks, Lawn Wheelbarrows, Weed Extractors, Dandelion Spuds, and many other essentials, which will be found described on pages 178 to 183.



THE MERION CRICKET CLUB GOLF LINKS. SOWN WITH DREER'S GOLF LINKS MIXTURE.

DREER'S SPECIAL GRASS MIXTURE FOR HAY AND PASTURE.

The grasses are of more importance than the grains. Grass is king; not corn. The grasses and clovers outrank the cereals in value. Good permanent pastures are worthy of the best thought of the best agriculturists.



DREER'S PERMANENT PASTURE MIXTURE.

Dreer's Pasture Mixture is prepared to meet the average need. It is made up of the grasses best calculated to afford an abundant and nutritious food supply for stock. Its formula is based upon successful experience. For all ordinary permanent pasturage it will be found entirely satisfactory. If your fields are old and worn out, it will pay to plow up and seed again, when you will soon be cutting heavy crops from Dreer's Permanent Pasture Mixture. You will be able to cut two good crops each year, whereas from Timothy only you can cut but one.

Sow 50 lbs. to acre. In ordering state whether for light or heavy soil. Price per lb., 25 cts.; by mail, 33 cts.; 15-lb. bu., \$2.25; 20-lb. bu., \$3.00; 100 lbs., \$13.00.

REMARKS ON GRASS GROWING AND PERMANENT PASTURE.

The preparation of the soil for permanent grass lands cannot be too thorough, nor is it likely that the manuring will ever be excessive. Stable manure is the best of all foundations for fertility. Ground bone and wood-ashes are unexcelled for top-dressing purposes. Stable manure is rich in available nitrogen. Bone (ground fine) is one of the best and most lasting sources of phosphoric acid. Wood-ash is rich in potash. These three things (nitrogen, phosphoric acid, potash) furnish the elements of fertility which are lost by continued grazing and cropping. Taken together they make a perfect or "complete" fertilizer or soil restorer. The above illustration shows a field where Bradley's Fertilizer was used.

Autumn is nature's time for sowing grass seed, but spring sowing may be made quite as successful, if the seed is sown early, while the ground is both cool and moist. Grass seed is usually sown with grain, but there is ample testimony to show that it can be sown alone with entire success.

On all pastures which have been long fed the phosphate of lime is exhausted. It is constantly taken from the earth to form the bone, the muscle and the milk of animals. A few bushels of bone-dust will often quite restore old, worn-out pastures. The ashes of all grains is very rich in phosphate of lime. This shows the importance of furnishing phosphoric acid for their use. For a full list of fertilizers see page 189.

The time is at hand, however, for the introduction of more careful methods in agriculture, and to such farmers as recognize the fact, and ask for assistance, we offer our aid in the preparation of permanent grass mixtures exactly suited to individual requirements.

We must know, first, the latitude and elevation of the land to be laid down to grass, the character of the soil as to richness; whether flat or hilly, and whether well-drained. Also whether or not it is wholly open or partially shaded by trees.

Next, we must be informed whether the object in view is a permanent pasture field or a permanent mowing field.

Timothy and red clover, though having a place in the preparation of permanent grass lands, are quite temporary in their occupation of the soil. For permanent mowing purposes (in addition to Timothy and Clover) we use largely of Orchard Grass, Red-Top, the Fescues, Meadow Foxtail, the so-called Rye Grasses, Rough-stalked Meadow, etc.

For permanent pasture purposes we use, in addition to the above, Kentucky Blue Grass, Sweet Vernal Grass, Tall Meadow Oat Grass, Wood Meadow Grass, Alsike and White Clovers, etc.

Permanent fields of grass, thus seeded (if the soil preparation and subsequent care have been correct), will result in long years of good crops, and will prove to be of the highest economic advantage to both farm and farm owner.

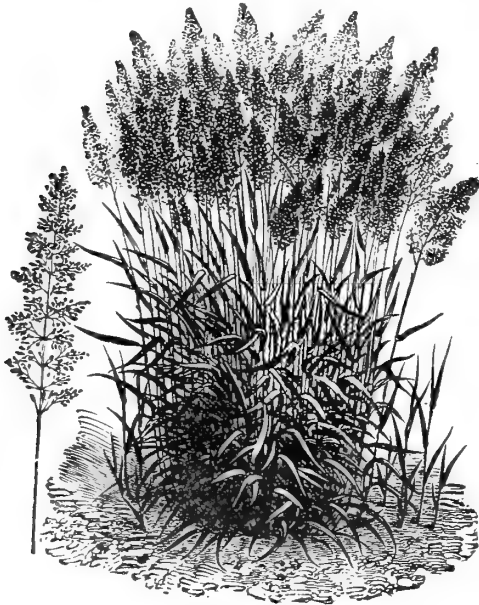
Read "**Dreer's Grasses and Clovers**," a little handbook of practical information on the above and kindred topics. This book should be in the hands of every progressive farmer. Price 25 cts.

GRASS SEEDS FOR LAWN AND FIELD.

Prices subject to market changes.

We make a specialty of grass and clover seeds, and send out only the varieties best adapted to this country. These seeds are largely American-grown; some are necessarily imported. Our European seeds are carefully tested for purity and germinating qualities by the Federal Government Control Station of Zurich, Switzerland, which enables us to guarantee for them a high degree of excellence and value. Our American-grown seeds are first quality, re-cleaned, and free from weeds.

Prices for Grass Seeds do not include delivery. If by mail add 8 cts. per pound.



KENTUCKY BLUE GRASS.

dry. It produces a large amount of foliage; tillers for hay, but is best when cut before getting too old, as it finally becomes woody. Sow 60 lbs. to the acre. Lb., 10 cts.; per bu. (24 lbs.), \$2.25; 100 lbs., \$8.00

Italian Rye Grass (*Lolium italicum*). Adapted to any climate, and produces large and nutritive crops; valuable for pasture mixtures. 50 lbs. to the acre. Lb., 12 cts.; per bu. (22 lbs.), \$2.40; 100 lbs., \$9.00.

Meadow Fescue (*Festuca pratensis*). English Blue Grass or Sweet Grass. An excellent grass for permanent pasture or hay, the foliage being highly nutritious. The demand for this variety is increasing yearly. Sow 50 lbs. to the acre. Lb., 20 cts.; bu. (22 lbs.), \$3.50; 100 lbs., \$15.00.

Tall Meadow Fescue (*Festuca elatior*). Very early and nutritive, should form a part of all pasture mixtures on wet or clay lands. Per lb., 28 cts.; per bu. of 14 lbs., \$3.50; 100 lbs., \$23.00.

Sheep's Fescue (*Festuca ovina*). This grass forms a large part of the pasturage of the English Downs. It produces a large quantity of short herbage, and should form a part of all mixtures for sheep pastures. 40 lbs. to the acre. Lb., 25 cts.; bu. of 12 lbs., \$2.25; 100 lbs., \$18.00

Fine-Leaved Sheep's Fescue (*Festuca tenuifolia*). Thrives well on dry and sterile soils; it is well suited for lawns, etc. 30 lbs. to the acre. Lb., 30 cts.; 10 lbs., \$2.75; 100 lbs., \$25.00.

Hard Fescue (*F. stua duriuscula*). Thrives well in dry situations where many other grasses would fail. 30 lbs. to the acre. Lb., 25 cts.; bu. (12 lbs.), \$2.25; 100 lbs., \$18.00

Meadow Foxtail (*Alopecurus pratensis*). One of the best and earliest of pasture grasses; thrives best in moist localities. 30 lbs. to the acre. Lb., 32 cts.; 10 lbs., \$3.25; 100 lbs., \$28.00.

Rough-Stalked Meadow Grass (*Poa trivialis*). Produces an abundant crop of highly nutritious herbage, valuable for either moist or dry soils. 30 lbs. to the acre. Lb., 35 cts.; bu. (14 lbs.), \$4.50; 100 lbs., \$30.00.

Sweet Vernal Grass (*Anthoxanthum odoratum*). True perennial. Useful to mix with other grasses on account of its early growth and agreeable odor. Use from 2 to 5 lbs. to the acre. Lb., 60 cts.; 10 lbs., \$5.50.

Crested Dogstail (*Cynosurus cristatus*). An excellent grass for hard, dry soils, valuable for pastures and lawns. 25 lbs. to the acre. Lb., 35 cts.; 100 lbs., \$28.00.

Kentucky Blue Grass, Fancy Cleaned (*Poa pratensis*). Also known as June Grass, green grass, etc. This is rated as the finest permanent pasture grass. Especially suited to meadows and rich lands. It is the grass of the famous and fertile limestone soils of Kentucky, and is no less a favorite all through the Northern States. Suited to all pasturing purposes. A perfect lawn grass. Sow 3 to 5 bushels per acre for lawns; 2 bushels to the acre for pasture. Lb., 18 cts.; bu. (14 lbs.), \$1.75; 100 lbs., \$12.00.

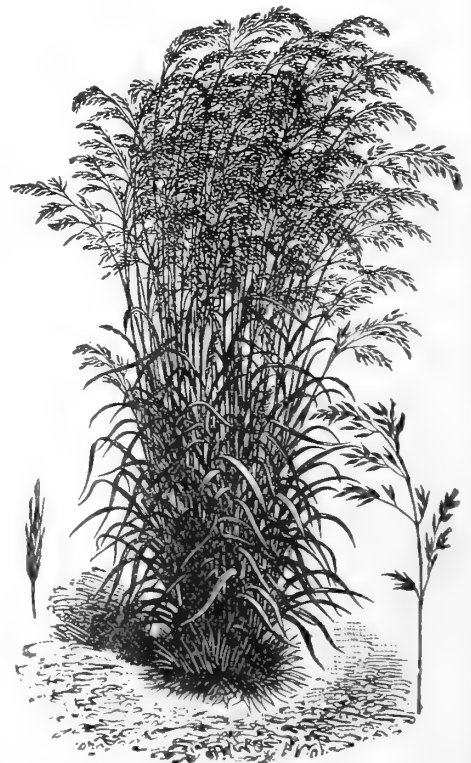
Canadian Blue Grass (*Poa compressa*). Also called Flat-stemmed poa, Flat-stalked Meadow grass, distinctly blue in color. Grows a foot or more high and yields greater weight of hay. Highly recommended for horses, cows and sheep. Thrives well on clay, or hard, poor soil. Sow 30 lbs. per acre. Per lb., 15 cts.; per bu. of 14 lbs., \$1.50; 100 lbs., \$10.00.

Red-Top Grass (*Agrostis vulgaris*). This is the so-called Herd's grass of the South. Well adapted to the Northern States as well. Suitable for meadow and pasture mixtures, or for exclusive use in lawn-making. Adapts itself to any soil, but produces best results on moist, rich soils, where it grows 2 to 2½ feet high. Often sown with timothy and clover, and outlasts both. Sow 3 to 4 bushels per acre for lawns; for pasture 1½ to 3 bushels per acre. Lb., 12 cts.; per bu. (10 lbs.), \$1.00; sack of 50 lbs., \$4.25; 100 lbs., \$8.00.

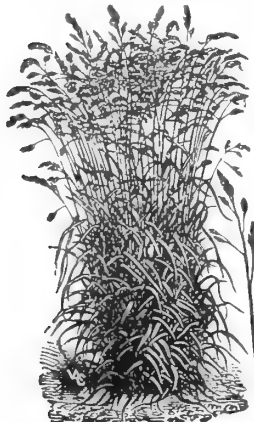
Red-Top Grass, Extra Re-cleaned Seed. Per lb., 20 cts.; bu. (32 lbs.), \$5.50; 100 lbs., \$16.50.

Orchard Grass (*Dactylis Glomerata*). One of the most valuable of the pasture grasses; too coarse for use in lawns. Thrives in the open sunlight and in shady places under trees. In rich soil two or three crops may be had in a season, especially under irrigation. Does not suffer from close feeding; makes a good hay. Sow 3 bushels to the acre. Lb., 20 cts.; bu. (14 lbs.), \$2.25; 100 lbs., \$15.00.

English Rye Grass, or Perennial Rye (*Lolium perenne*). Considered invaluable for permanent pastures, in all situations not too wet and well and covers the ground. Suited to lawn mixtures. Also good



MEADOW FESCUE GRASS.



AWNLESS BROME GRASS

Awnless Brome Grass (*Bromus inermis*). A valuable grass for light, dry soils, especially in the South and West. Will stand long droughts and produce heavy crops where other grasses would fail. The U. S. Agricultural Department has been making repeated tests of this variety with the best results. \$5 to 40 lbs. to the acre. Lb., 20 cts.; bu., (14 lbs.), \$2.50; 100 lbs., \$16 00.

Bermuda Grass (*Cynodon dactylon*). Suited only to and is valuable in the Southern States, as it will not endure frost. Sow 8 to 10 lbs. to the acre. Per lb., 90 cts.

Wood Meadow Grass (*Poa nemoralis*). Adapted, as its name implies, for wooded or shaded meadows or lawns, especially for moist ground. Much relished by cattle, and highly nutritious. Produces a thick growth, and should be included in mixtures for permanent pastures. Sow 30 lbs. to the acre. Per lb., 35 cts.; bu. (14 lbs.), \$4.50; 100 lbs., \$30 00.

Creeping Bent Grass (*Agrostis stolonifera*). Excellent for lawns, succeeds well in all positions, makes a low velvety growth. Per lb., 25 cts.; bu. (20 lbs.), \$4.50; 100 lbs., \$22.00.

Tall Meadow Oat Grass (*Avena elatior*). A valuable grass for soiling or permanent pasture; of early and luxuriant growth. 50 lbs. to the acre. Lb., 20 cts.; bu., (10 lbs.), \$2.00; 100 lbs., \$16.00.

Timothy (*Phleum pratense*). The most important agricultural grass for the Middle States, thriving best upon rich soils. Not suited to permanent pasturage, but the best grass known here for hay-making purposes. It is temporary, lasting but a few years, and is a part of the usual crop rotation. Sow ½ bushel to the acre when used alone; 8 or 10 quarts if used with other grass seeds. 45 lbs. to the bushel. Choice seed per lb., 10 cts.; per bu., \$2.00, subject to change; 100 lbs., \$4.00.



WOOD MEADOW GRASS.

CLOVER SEEDS.

(Prices subject to market changes.)

Clover roots, as well as the roots of most of the pulses, possess the ability of taking nitrogen from the air. The pulse family include the peas, beans, vetches, lupins, etc., in addition to the clovers. This gives these plants their especial value as soil enrichers.

Prices for Clover Seeds do not include delivery. If wanted by mail, add 8 cts. per lb.

Red Clover, Medium (*Trifolium pratense*). Common or medium clover; June clover. The leading variety of clover for pastures or meadows. Sow in spring or fall, if no other grasses are used, at the rate of 8 or 10 pounds per acre. Market price. Sample and price on application.

Mammoth Red Clover (*Trifolium pratense perenne*). Cow grass, or Pea Vine Clover. Yields an enormous bulk. Valuable for reclaiming exhausted land by plowing under as green manure. Sow about 8 to 12 pounds per acre. Market price. Sample and price on application.

Alsike, or Swedish (*Trifolium hybridum*). Hardest of all clovers, and, on rich, moist soils, yields an enormous quantity of hay or pasturage. Lasts many years. Valuable for sowing with other clovers or grasses, as it forms a thick bottom and increases the yield of hay. Sow 6 pounds per acre when used alone. Lb., 15 cts.; bu. (60 lbs.), \$7.50; 100 lbs., \$12.00.

Alfalfa, or Lucerne (*Medicago sativa*). One of the best varieties, succeeding especially in the South and West, and bearing heavy crops of forage. For bringing up poor land it is one of the best of the clovers. Sow early in the spring to secure a good stand before winter. 20 pounds to the acre. Lb., 15 cts.; bu. (60 lbs.), \$8.00; 100 lbs., \$13.00.

Sainfoin, Esparsette, or Holy Clover (*Onobrychis sativa*). A valuable clover for the Southern and



ALSIKE, OR SWEDISH CLOVER.

Western States. In some sections it is considered indispensable, as it increases the flow of milk. The seeds are more nutritious than oats, and are readily eaten by fowls. Requires a calcareous soil. 100 lbs. to the acre. Lb., 10 cts.; bu. (20 lbs.), \$1.75; 100 lbs., \$8.00.



ALFALFA, OR LUCERNE CLOVER.

Bokhara Clover (*Melilotus alba*). A tall, rapid-growing, white flowered sort, excellent for bee food, for which purpose it should be largely grown. Sow 10 pounds to the acre. Lb., 30 cts.; 100 lbs., \$25 00.

Japan Clover (*Lespedeza striata*). A low-branched clover that does well in the South. It thrives on poor land and produces continual herbage. Not adapted to Northern latitudes, as it is only half-hardy. Sow 14 pounds to the acre. Lb., 30 cts.; 100 lbs., \$25.00.

White Dutch Clover (*Trifolium repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season. It is also valuable when mixed with grass seeds for pasture. Sow in spring at the rate of 6 pounds per acre when sown alone, half the quantity when sown with other grasses. Lb., 25 cts.; bu. (60 lbs.), \$12.00; 100 lbs., \$20.00.

Yellow Trefoil (*Medicago lupulina*). This may be cultivated either alone or with other grasses. Requires about same treatment as Red Clover. 15 pounds to the acre. Lb., 25 cts.; 100 lbs., \$20.00.

Crimson or Scarlet Clover.

(*Trifolium incarnatum*.)

The Soil Improver, Early Green Feed, Grazing or for Hay Crop.

It can be seeded at any time from June to October, at the rate of 15 to 20 pounds per acre, and makes the earliest possible spring pasture, blooming the latter part of April or May, and for feeding as hay should be cut when in full bloom. If sown with Italian Rye Grass or Orchard Grass, which matures at the same time, it yields luxuriant and nutritious crops for pasture.

Sow Crimson Clover at the last working of all crops like Beans, Corn, Melons, Cucumbers, Tomatoes, and other crops, whenever the land is not intended for such early spring crops as would not be benefited by following such a seeding, although it would pay to seed for only fall and winter months if only for protecting the ground through the winter and catching and holding the fertility of the soil, which would otherwise be lost by leaching or other causes. In addition to all this, the plants and roots would prevent washings that occur during winter thaws.

We offer the finest quality re-cleaned seed at 10 cts. per lb.; (18 cts. per lb. by mail); \$4.50 per bu. of 60 lbs., or \$7.50 per 100 lbs.; 2-bu. bags, 15 cts. each extra.

VELVET BEAN (*Dolichos Multiflorus*).

This valuable forage plant is largely grown in the Southern States, where it is also used as a fertilizing plant for turning under in the same manner as cow peas. Both the vines and pods are eaten by live stock of all kinds, and the beans can be ground either with or without the pods, and fed instead of corn, or oats, or can be mixed with them. It is a strong grower, and should be planted in rows about 4 ft. apart, and 1 ft. apart in the row, putting 2 or 3 beans in each place. It will quickly cover the ground with a thick mass of foliage. The culture is same as for cow peas. Pkt., 10 cts.; lb., 25 cts., by mail. By freight or express, per peck, \$1.00; per bu., \$3.50.

MILLET. Prices variable.

German, or Golden Millet (*Southern grown*). A valuable annual hay and fodder crop, more productive and coarser than Hungarian Grass, medium early, 4 to 5 feet high. Sow 1 bushel to the acre. Lb., 10 cts.; bu. (50 lbs.), \$1.50; 5 bu. and upwards, \$1.40 per bu.

Hungarian Millet (*Panicum Germanicum*). An annual forage plant, early and productive, growing 2 to 3 feet high, with an abundance of foliage, often yielding 2 or 3 tons per acre. Sow 1 bushel to the acre. Lb., 10 cts.; bu. (48 lbs.), \$1.25; 5 bu. and upwards, \$1.20 per bu.

Egyptian, or East India Pearl Millet (*Penicillaria spicata*). Grows from 8 to 10 feet high. When cultivated for fodder, sow in drills 3 feet apart, and thin out in rows to 1 foot apart. Sow 3 to 5 pounds per acre. Lb., 15 cts.; 100 lbs., \$12.50.

White Branching Dhoura (*White Millo Maize*). A valuable forage plant. Will thrive even when corn is suffering from drought. Use 4 to 5 pounds to acre. Lb., 10 cts.; 10 lbs., 75 cts.; bu., \$3.50; 100 lbs., \$6.00.

Broom Corn (*Improved Evergreen*). Extensively grown on account of the color and quality of its brush, which is long, fine and straight, and always green; grows 7 feet high. Use 6 to 8 quarts to acre. Lb., 10 cts.; bu. (46 lbs.), \$2.50; 100 lbs., \$5.00.



ONE PLANT CRIMSON CLOVER. (Drawn from nature.)

Sorghum, or Early Amber Sugar-Cane. This is the sorghum of the Northern States; makes the finest quality of syrup. The earliest and most productive variety. Height 10 to 12 feet. For ensilage or fodder it possesses good qualities; stock of all kinds relish it. Sow 4 quarts in drills, or 8 quarts broadcast to acre. Per lb., 15 cts; bu. (56 lbs.), \$2.75; 100 lbs., \$5.00.

Johnson Grass, or Sorghum Halepense. A valuable Southern fodder plant, growing 30 inches or more in height; hardy in New Jersey. It is a rapid-growing perennial. On rich soil it may be cut three or four times in a season. The best results are obtained by sowing the seed in August or September at the rate of 25 to 35 pounds to the acre. Per lb., 20 cts.; bu. (25 lbs.), \$3.00; 100 lbs., \$11.50.

Flax. When grown for seed, sow 1 bushel per acre; if fibre is wanted, sow at the rate of 2 to 3 bushels. The soil should be well cultivated. Peck, 75 cts; bu., \$2.50.

Kaffir Corn (Red). Excellent forage for horses and cattle, and excellent food for poultry, either fed in the grain or ground and cooked. Use 4 to 5 pounds to acre. Lb., 10 cts; 10 lbs., 75 cts.; bu. (60 lbs.), \$3.00; 100 lbs., \$4.50.

Osage Orange (*Maclura aurantiaca*). Sprout the seed before sowing. Manure well and plough deep before planting in permanent hedge-row. Per lb., 30 cts.; peck, \$2.00; bu. (33 lbs.), \$7.00.

BUCKWHEAT.

Sow about the middle of June, broadcast, from 2 to 3 pecks per acre.

Japanese. This superior variety is earlier and more prolific and yields double the weight per acre of other sorts. Peck, 50 cts; bu. (48 lbs.), \$1.25.

Silver Hull. Flour whiter and more nutritious than the Japanese. Peck, 50 cts.; bu., \$1.25.

BIRD SEEDS.

All re-cleaned and improved by special machinery. Prices variable. If wanted by mail, add 8 cts. per lb. for postage.

Canary (Sicily). Lb., 10 cts; ½ peck, 40 cts.; peck, 75 cts.

Hemp. Lb., 10 cts; ½ peck, 40 cts.; peck, 75 cts.

French Bird Millet. Lb., 15 cts.

German Rape. Lb., 10 cts.; ½ peck, 45 cts.; peck, 85 cts.

Vetches for Pigeons. Lb., 8 cts.; ½ peck, 35 cts.; peck, 70 cts.

Mixed Bird Seed. Lb., 10 cts.; ½ peck, 40 cts.; peck, 75 cts.

Lettuce. Oz., 5 cts; lb., 25 cts.

Maw. Lb., 15 cts.

Unhulled Rice. Qt., 20 cts.; ½ peck, 60 cts.; peck, \$1.00.

Sunflower. Qt., 10 cts.; peck, 60 cts.

If Farm or Field seeds are wanted by mail, add 8 cts. per lb. for postage.



DREER'S RELIABLE FLOWER SEEDS.

...Success with Flower Seeds...



PROVIDED the soil is in a proper state, flower seeds may be sown in the open border in April, May and June. The seeds should be sown as soon as the soil becomes dry and easily crumbled, after the spring frosts have disappeared. They may also be sown in prepared beds of light, rich soil, and transplanted into the garden. The former is the more simple method, but not always as satisfactory. The better plan is to sow all fine seeds under glass in a greenhouse, hot-bed, or in the house. As to the depth to which seeds should be covered, the best general rule is to cover fine seeds very lightly, just enough to protect them from the sun; and in dry weather a sprinkling of damp moss is very useful. With very fine seeds it is best to sow on the surface, and press then lightly into the soil. We are convinced that one

of the most frequent causes of failure is in sowing the seeds too deep, and seedsmen are unjustly censured, when the fault lies with the cultivator.

For sowing seeds, shallow boxes 2 to 3 inches deep, and covered with a light of glass and with open seams at the bottom, so that the water can drain through quickly, are best. (These we keep in stock all ready for use.) The best soil is a mixture of equal parts of sand, leaf-mold, and light, rich garden loam, which should be thoroughly mixed and passed through a coarse sieve; then fill your pots, pans, or boxes within half an inch of the rim; press the soil firmly and evenly. If the soil is dry, it is best to water freely a day or two before sowing the seed, to enable the surplus water to drain off. After they are sown cover slightly with fine soil; carefully water with a fine rose or spray. When they are designed to be grown in the house, the temperature should be as near 60 degrees as possible; place them in a light window facing south or east.

The importance of uniform attention to watering may be best learned by experience and observation, but the inexperienced cultivator may be reminded that to omit a single watering and allow the young plant-germs from seed to remain in a parched state, or a too frequent indiscriminate watering, usually leads to the eventful loss of the whole.

As soon as the plants are large enough to handle, prick them into other boxes or pots, placing them about 1 inch apart each way; they must be shaded for a few days from the sun, until they are established. When large enough they can be potted in small pots, and kept until the proper season for planting in the garden.

Ye Old-fashioned Garden.

The flowers that were favorites in the gardens of a century ago are again coming into favor—and how beautiful many of them are! Lots of free-flowering, sturdy Annuals and Perennials have been pushed out of cultivation by the rage for stiff, formal beds and borders.

To encourage the growing taste for a more natural style of gardening, we offer below a collection each of Annuals or such varieties as will flower the first season from seed, and of Hardy Perennials which do not flower before the second season, but which when once planted are permanent.

Collection of Old-fashioned Annuals.—Containing a packet each of Corn-Flower, Flora's Paint Brush, Four O'Clocks, Love in a Mist, Larkspur, Mignonette, Pot Marigold, Poppy, Snapdragon, Sweet Scabious, Sweet Sultan and Youth and Old Age. 12 varieties in all for 50 cts.

Collection of Old-fashioned Perennials.—Containing a packet each of Baby's Breath, Canterbury Bells, Columbine, Coreopsis, Cowslip, Forget-Me-Not, Foxglove, Hollyhock, Larkspur, Pinks, Sweet Rocket and Sweet William. 12 varieties in all for 50 cts.

Dreer's Collections of Choice Flower Seeds.

These very attractive collections are composed of the best-known and most popular flower seeds, that will produce in succession a fine display of flowers from early summer until frost.

No. 1. Collection of 12 choice Flower Seeds, 50 cts.

No. 2. Collection of 18 choice Flower Seeds, 75 cts.

No. 3. Collection of 24 choice Flower Seeds, \$1.00.

No. 4. Collection of 30 choice Flower Seeds, \$1.25.

Imported Collections of Asters, Balsams, Dianthus, Hollyhock, Larkspur, Marigold, Phlox, Nasturtium, etc., etc., will be found offered under their respective heads.



The full worth of their money to all is the broad principle in which we always deal, and we refer to our reputation as evidence that we live up to the precept.

DREER'S RELIABLE GENERAL LIST

of FLOWER SEEDS

FOR NOVELTIES

See pages 5 to 10.

Our list has been carefully revised and all inferior varieties discarded. For the convenience of our customers and to facilitate the filling of orders, we use a system of numbering. In ordering it is only necessary to give the number of packets wanted and the corresponding number in the catalogue, viz.: 1 pkt. 1010, 10 cts.; 3 pkts. 1061, 15 cts., means one packet Abutilon, mixed, 10 cts.; 3 packets Adonis Flos, 15 cts.



ABUTILON.

ACROCLINIUM.

A pretty annual "Everlasting," growing about 15 inches high, bearing lovely white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. A nice thing to grow in a mixed border aside from its use as an everlasting. We offer both the single and double flowering types. (See cut.)

- | | |
|------------------------|---------------|
| 1050 Single Mixed..... | PER PKT.
5 |
| 1040 Double Mixed..... | 5 |

For the convenience of many who are not familiar with botanical names we give a list of the Common or English names of flowers on page 99.



DOUBLE ACROCLINIUM.

ABRONIA (Sand Verbena).

Pretty trailing annuals, producing clusters of sweet-scented, Verbena-like flowers, especially fragrant towards evening, lasting in bloom a long time; effective in beds, rock work, or hanging baskets; doing best in rather poor light soil. Peel off the husk before sowing the seed. Height 12 inches.

- | | |
|---|---------------|
| 1001 Arenaria. A beautiful yellow variety..... | PER PKT.
5 |
| 1002 Umbellata. Rosy lilac, with a white eye..... | 5 |

ABUTILON (Chinese Bell-Flower, or Flowering Maple).

Elegant flowering perennial shrubs of strong growth and easy cultivation, free-flowering, with various colored, beautiful drooping bell-shaped flowers. Considered indispensable for flowering indoors during the winter and spring months, and useful for bedding out in the summer. Sown any time before April, in a temperature of 60 degrees, they will produce fine flowering plants the first season. (See cut.)

- | | |
|--|----|
| 1010 Fine Mixed. Of choice varieties and colors..... | 10 |
|--|----|

ACACIA.

Elegant half hardy shrubs, having fine ornamental foliage, and beautiful racemes of various shades of yellow globular flowers. Soak the seed in warm water before sowing.

- | | |
|---|----|
| 1020 Mixed. Fine varieties; 6 to 10 feet..... | 10 |
|---|----|

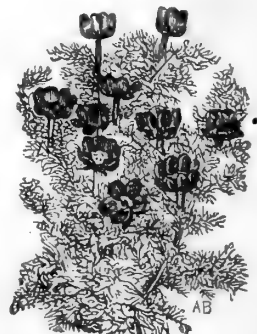
ACHILLEA PTARMICA PLENA.

1021 One of the best hardy white perennials in the list. Grows about 2 feet high, and from spring till frost is covered with heads of purest white double flowers. A grand plant for cemetery decoration. Easily grown from seed, flowering the first season if sown early.....

ACONITUM.

(Monk's Hood, or Wolfsbane.) A hardy perennial, growing in any good garden soil, producing long spikes of curiously shaped flowers. Well adapted for planting among shrubbery or in shady corners of the garden.

- | | |
|---|---|
| 1031 Napellus. Blue and white; 3 to 5 feet..... | 5 |
|---|---|

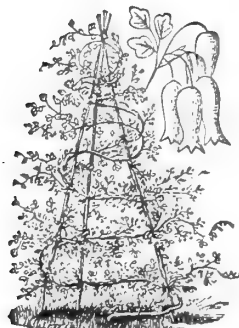


ADONIS.

ADLUMIA CIRRHOSA.

(Mountain Fringe, Allegheny Vine, or Climbing Fumitory.)

- | | |
|--|----|
| 1051 A graceful hardy biennial climber, but, as it resows itself year after year, might be considered perennial; the feathery foliage closely resembles that of the Maiden-hair Fern, the flowers are tube-shaped, flesh colored, and completely cover the plant. For covering trellis, stumps of trees, etc., it is very desirable. (See cut.)..... | 10 |
|--|----|



ADLUMIA.

ADONIS (Pheasant's Eye).

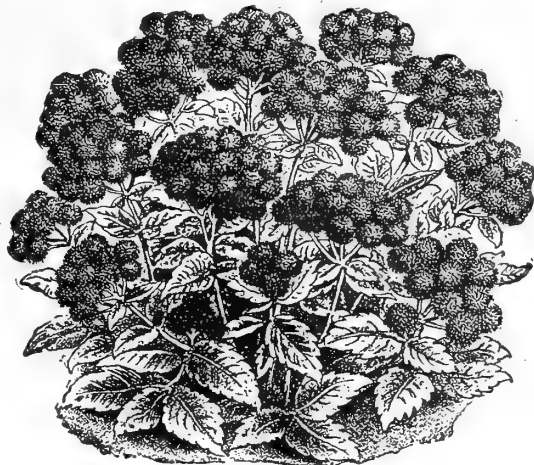
- | | |
|--|---|
| 1061 Flos Adonis. Showy, hardy annuals of easy culture, with pretty fine-cut foliage, and lasting a long time in bloom; dark crimson flowers, with a light centre; 1 foot. (See cut.)..... | 5 |
|--|---|

See offer of Old-fashioned Flowers and Choice Flower Seeds on page 57.

AGERATUM (Floss Flower).

One of the very best bedding plants, being literally a sheet of bloom from early summer till frost, unlike many bedding plants, their flowers are not liable to be spoiled by rain, nor do the colors fade out. The various blue varieties are without doubt the most satisfactory bedding plant of this color for our trying climate—easily raised from seed which should be sown in March or earlier in a hotbed or window and transferred to the open ground in June—also valuable for winter flowering in the window or conservatory.

- | | |
|---|----------------|
| 1071 Blue Perfection. This is the darkest colored of all large flowering Ageratums. Color deep amethyst-blue; compact growth. (See cut.) | PER PKT.
10 |
| 1073 Cope's Pet. Lovely azure-blue; 6 inches; this is considered the best variety for edging. | 10 |
| 1077 Mexicanum. Lavender blue; 1½ feet. | 5 |
| 1074 Imperial Dwarf Blue; 8 inches. | 5 |
| 1075 Imperial Dwarf White; 8 inches. | 5 |
| 1076 Lasseauxi. Rose; 15 inches. | 5 |
| 1072 Conspicuum. White; 1½ feet | 5 |

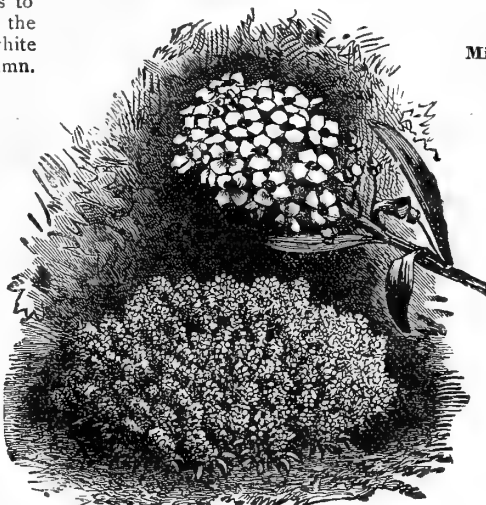


AGERATUM, BLUE PERFECTION.

ALYSSUM.

Pretty little plants for beds, vases, baskets, edgings or rock-work; blooming profusely all summer; useful also for winter-flowering. Very sweetly scented.

- | | |
|---|---------------|
| 1102 Sweet Alyssum (<i>A. Maritimum</i>). Flowers white; 9 inches. Per oz. 25 cts. | PER PKT.
5 |
| 1103 Tom Thumb (<i>Beuthami Compactum</i>). Of dwarf, compact, erect growth; excellent for edging; white. Per oz. 40 cts. | 5 |
| 1101 Little Gem. Of dwarf, compact habit, 4 to 6 inches in height, each plant covering a circle 15 to 30 inches in diameter. It begins to bloom when quite small, and the plants are a solid mass of white from Spring till late in Autumn. (See cut.) Per oz. 50 cts. | 5 |
| 1104 Saxatile Compactum. "Basket of gold." Showy golden-yellow flowers; hardy perennial, blooms the first season; excellent for rock-work; 1 foot | 5 |



ALYSSUM, LITTLE GEM.

AGROSTEMMA (Rose of Heaven).

An attractive free-flowering hardy perennial of easy culture, producing bright colored flowers on long slender stems like a single pink; blooms the first season; fine for cutting; 1 to 2 feet. (See cut.)

- | | |
|-----------------------------|---------------|
| 1090 Mixed Varieties | PER PKT.
5 |
|-----------------------------|---------------|

AMPELOPSIS.

Miniature Virginia Creeper, Boston or Japanese Ivy.

A hardy perennial climber from Japan, with olive-green leaves, which turn to scarlet in the Autumn. The best and most popular climber for covering brick or stone walls.

- | | |
|--------------------------------------|---|
| 1131 Veitchi. Per oz. 25 cts. | 5 |
|--------------------------------------|---|

We can furnish plants of these, same will be found offered with other hardy climbing plants.

Do you wish the very finest Pansies? Try our Royal Exhibition Strain, shown in colors on the front cover of this catalogue. We offer both seeds and plants under their respective heads.

AMMOBIUM GRANDIFLORUM

(Winged Everlasting).

- | | |
|---|---|
| 1121 A pretty border annual much used as an everlasting flower for Winter bouquets; flowers white with yellow disc, grows best in light sandy soil. Worthy a place in any garden. | 5 |
|---|---|



AMARANTHUS TRICOLOR SPLENDENS.

AMARANTHUS.

Brilliant foliaged annuals growing from 3 to 5 feet high, some of the varieties bearing curious racemes of flowers. All are useful in borders of tall plants or for the centres of large beds. In every case they should not be grown too closely together, but should be given sufficient room to develop their full beauty.

- | | |
|---|---------------|
| 1111 Caudatus (<i>Love Lies Bleeding</i>). Blood-red, drooping; 3 feet | PER PKT.
5 |
| 1112 Salicifolius (<i>Fountain Plant</i>). Of pyramidal, drooping habit, branching close to the ground. | 5 |
| 1114 Tricolor (<i>Joseph's Coat</i>). Leaves red, yellow and green; 3 feet. Per oz., 30 cts. | 5 |
| 1115 Tricolor Splendens. An improvement on the old sort, of more brilliant coloring, a beautiful ornamental plant (See cut). | 5 |



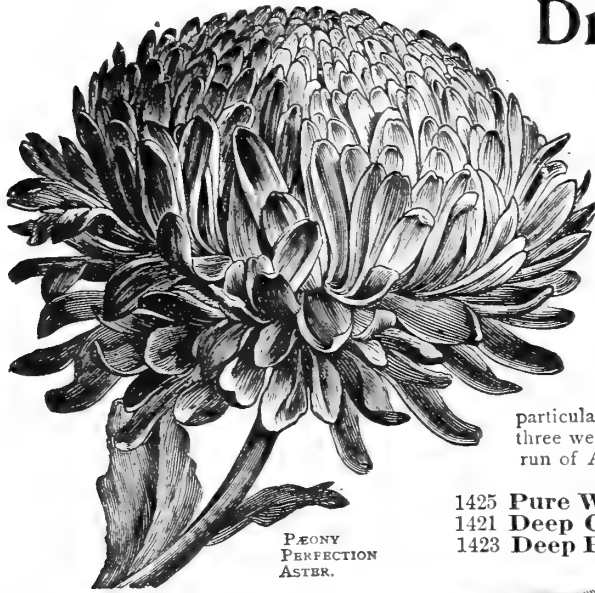
AGROSTEMMA.

Dreer's Superb Asters

Of the general beauty of these flowers it is unnecessary to speak; the immense world-wide demand for them shows their adaptability for any climate; and coming into bloom, as they do, when most other flowers are fading away, enhances their value. For the best results the ground for the cultivation of Asters cannot be too richly prepared, although they will give satisfactory returns on any ordinary garden soil.

LATE-FLOWERING BRANCHING.

A selection of Semple's Branching Asters, which for size of bloom, freedom of flowering and other good qualities we have never seen equaled. The plants form strong, robust bushes, about 2 feet high, bearing profusely on long, strong stems handsome Chrysanthemum-like flowers, many being over 6 inches in diameter. The form of the flowers makes them particularly desirable as cut flowers. They come into flower from two to three weeks later than most sorts, filling in the gap between the general run of Asters and Chrysanthemums. (See cut.)



PEONY PERFECTION ASTER.

	PER PKT.		PER PKT.
1425 Pure White	10	1424 Shell Pink	10
1421 Deep Crimson	10	1422 Lavender Blue	10
1423 Deep Purple	10	1430 Mixed Colors	10
1 pkt. each of the five colors, 40 cts.			

DWARF CHRYS- ANTHEMUM FLOWERED.

The largest flowering of the Dwarf Asters; very double. 1 foot. Excellent for ribbon borders or pots.

	PER PKT.
1316 Fiery Scarlet....	10
1315 Dark Blue	10
1317 Snow-White....	10
1320 Finest Mixed....	10

DWARF QUEEN.

Large flowering Aster of dwarf habit, bearing profusely full double imbricated flowers of great beauty. Splendid for cutting.

1327 White.....	10
1330 Mixed Colors...	10

COMET.

A very beautiful and distinct class, with long curled and twisted petals, formed into loose yet dense half-globe, resembling the Japanese Chrysanthemum.

1302 The Bride. A variety of the Giant type. The flowers, on opening, are of purest white, changing as they become older to a beautiful shade of rose; a most unique transformation.	10
1301 Giant Pure White, a great improvement over the old type. (See cut, page 61.)	10
1295 Pink, Margined White	10
1292 Deep Pink.....	10
1293 Light Blue.....	10
1291 Carmine.....	10
1294 Peach Blossom Pink.....	10
1300 Finest Mixed.....	10

MIGNON.

A comparatively new class, of semi-dwarf habit, flowering profusely; has become very popular for use in cut flower work. The flowers are of the same style as the Victoria, but smaller.

1366 Lilac. A charming new shade, exceedingly desirable as a corsage flower	10
1367 Pure White	10
1370 Mixed Colors	10

IMPROVED VICTORIA.

A magnificent class, either for bedding or for cutting. The flowers are large, beautifully imbricated and perfect in form. (See cut.) 1½ feet.

1474 Pink.....	10	1472 Purple	10
1471 Scarlet	10	1475 White	10
1473 Light Blue.....	10	1480 Finest Mixed....	10



LATE FLOWERING BRANCHING ASTER.

PEONY PERFECTION.

One of the most perfect; very double, large, and finely shaped; the petals beautifully incurved. (See cut.) 1½ feet.

1383 Pink.....	10
1381 Glowing Crimson.....	10
1384 Purple Violet... ..	10
1382 Light Blue	10
1385 Pure White.....	10
1390 Finest Mixed... ..	10

JEWEL, OR BALL-SHAPED.

A new and beautiful class of Asters, obtained from the well-known Peony Perfection race; similar but somewhat dwarfer in habit than the latter, and with shorter petals; perfectly round flowers; 20 inches.

1254 Snow White....	10
1251 Apple Blossom.	10
1253 Deep Pink.....	10
1252 Dark Blue.....	10



IMPROVED VICTORIA ASTER.

DREER'S SUPERB ASTERS.

PER PKT.

Betteridge's Quilled. Perfectly double tube or quilled-shaped petals; valuable for bouquets and bedding. 2 feet.

1267 — **Yellow.** This variety is *really yellow*, the large double flowers being of a bright sulphur..... 5

1270 — **Mixed Colors.**..... 5

1271 **Climax, or Tree.** A new Aster of the Pæony flowered type, but shows a great improvement over that popular sort. The plant grows about 2 feet high, as regularly branched as a pine tree, flowers of immense size; dazzling white; very double..... 10

1280 **Crown, or Cocardeau.** Showy flowers, very double, with white centres bordered with bright rich colors; mixed colors. 1½ feet... 10

1311 **Daybreak.** A grand new pink variety of American origin. See description and illustration on page 5..... 15

1417 **Fireball.** A magnificent sort with very double imbricated flowers of a brilliant deep scarlet..... 10

1350 **Giant Emperor.** Flowers of great size, very double, fine form, brilliant colors and robust growth, mixed colors. 2 feet..... 10

1360 **Japanese, or Tassel.** Entirely distinct and novel. Plants of pyramidal growth, about 18 inches high, bearing on long stems from 40 to 50 flowers, averaging 5 inches across, composed of wavy and twisted needle shaped petals, making the flower free and graceful in appearance; mixed colors. (See cut.)..... 10

1351 **Mont Blanc (Goliath).** One of the largest flowering, producing pure white flowers 5 inches in diameter..... 10

1371 **Ostrich Feather.** This magnificent new Aster bears some resemblance to the Giant White Comet, differing in its candelabrum form of growth and much greater freedom of bloom, but its greatest merit is found in its flowers, which are of immense size, averaging 6 inches in diameter, of a beautiful snow-white, made up of much longer, more loosely formed petals, equaling the best Japanese Chrysanthemums. A "Gem" among Asters..... 15



JAPANESE, OR TASSEL ASTER.

Queen of the Market. Blooms three weeks earlier than other Asters, of branching habit, excellent for growing under glass. 1 foot. We offer the following 3 distinct colors, viz: PER PKT.

1407 — **White**..... 10

1405 — **Pink**..... 10

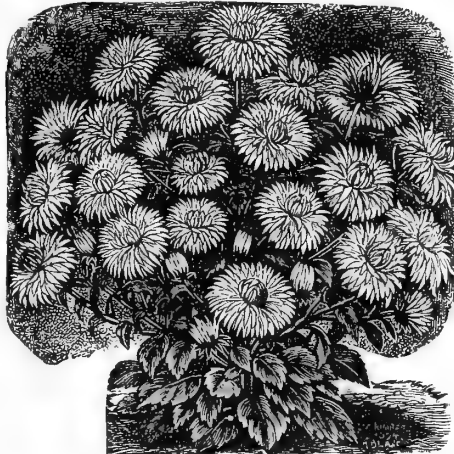
1406 — **Purple**..... 10

1410 — **Mixed Colors**..... 10

1420 **Rose Flowered.** Pyramidal, robust habit, regularly imbricated, large, very double flowers; mixed colors. 2 feet 10

Ray Asters. This new class attain a height of about 20 inches; of branching habit and bearing their large flowers on long, strong stems, the flowers measure from 4 to 6 inches in diameter and consist of ray-like slender quilled florets resembling the straight-rayed Japanese Chrysanthemums. We offer them in 2 colors, viz: 1412 — **Pure White**..... 10

1411 — **Bright Rose**..... 10



VICK'S WHITE BRANCHING ASTER.

1441 **Snowball, or White Princess.** A beautiful and distinct variety; the flowers are composed of short, very thickly set imbricated petals, resembling a Pomponé Dahlia; pure white..... 10

Triumph. A dwarf-growing Pæony flowered Aster; flowers perfectly double, of faultless form. We offer 2 colors, viz:

1451 — **Deep Scarlet.** Very rich..... 10

1452 — **White**..... 10

1461 **Vick's White Branching.** This Aster is a strong grower, of branching habit, and blooms later in the season than any other. The flowers are pure white, 4 inches and over in diameter, and borne on long stems. (See cut.)..... 10

1470 **Victoria Needle Perfection.** Petals long, quilled and sharply pointed; very odd, mixed colors..... 10

1490 **Washington.** This splendid variety is the largest Aster grown, bearing flowers 5 to 6 inches in diameter, very double; mixed colors..... 10

1340 **Fine Mixed (China).** A splendid mixture of colors. Per oz., 50 cts. 5

1440 **Single Flowering.** These form globular plants and carry on long stout stalks a mass of star-shaped flowers which appear early and continue late into the autumn. Very effective in beds or borders and offer a pleasing change to the innumerable double sorts; mixed colors..... 10

1400 **Perennial Mixed (Starworts or Michaelmas Daisies).** Single flowering; hardy, herbaceous plants, thriving in any good garden soil. If sown early in the spring they will flower the first season..... 10

Imported Collections of Asters will be found offered on page 62.



GIANT WHITE COMET ASTER. (Offered on page 60.)

IMPORTED COLLECTIONS OF ASTERS.

PER PKT.

1298 Comet.	6 distinct colors	40
1278 Crown, or Cocardeau.	6 distinct colors	40
1318 Dwarf Chrysanthemum-Flowered.	6 distinct colors	40
1348 Giant Emperor.	6 distinct colors	40
1418 Large Rose-Flowered.	6 distinct colors	50
1389 Paony Perfection.	12 distinct colors, 75 cts.	40
1269 Quilled German.	12 distinct colors, 50 cts.	25
1479 Victoria.	12 distinct colors, 75 cts.	40
	1388 6 distinct colors	40
	1268 6 distinct colors	25
	1478 6 distinct colors	40



ANEMONE CORONARIA.

ANEMONE (Windflower).

A very pleasing, hardy perennial; easily grown from seed, producing large flowers; few plants can compare with them in beauty and brilliancy; fine for bouquets.

- | | | |
|-------------------------------|--|------------|
| 1140 Coronaria, Mixed Colors. | Double (Poppy Anemone) | PER PKT. 5 |
| 1141 Fulgens. | Single, scarlet | 5 |
| 1143 Japonica alba gigantea. | This new variety surpasses the old type both in vigor of habit and free-flowering qualities. It forms a large, bushy plant, with brilliant dark-green leaves, throwing up numerous stems bearing pure white flowers, with a large yellow disc. Reproduces itself true from seed. | 25 |
| 1142 Japonica. "The Bride." | Pure white; flowering in late summer and autumn. | 10 |
- Many beautiful varieties of Anemones will be found offered in our Plant Department.



ANTIRRHINUM—TOM THUMB.

AQUILEGIA.

(Columbine.)

Charming hardy perennial plants growing from 1 to 3 feet high, bearing in countless numbers through May and June their exquisite blossoms of clear blue, white, rose, yellow, purple striped, etc. For planting in permanent borders or naturalizing along the edges of woods or shrubbery this old-fashioned favorite is one of the best of all hardy plants.

- | | | |
|--|---|----|
| 1181 Chrysantha (Golden Spurred). | Bright golden-yellow; 3 feet. | 5 |
| 1182 Chrysantha Alba (White Spurred). | A beautiful pure white variety. | 10 |
| 1183 Cœrulea (Rocky Mountain Columbine). | Violet blue and white; 2 feet. | 10 |
| 1184 Glandulosa. | Lovely shade of light blue and pure white; 2 feet. (See cut.) | 15 |
| 1190 Single, all colors mixed; | 2 feet. Per oz., 30 cts. | 5 |
| 1200 Double, all colors mixed. | Per oz., 40 cts. | 5 |



AQUILEGIA GLANDULOSA.

ARALIA SIEBOLDI.

- | | | |
|------|---|----|
| 1211 | A beautiful decorative greenhouse plant, with large ornamental leaves; very useful as a house plant. New seed ready in April. | 10 |
|------|---|----|

ARMERIA.

(Sea Pink, Cushion Pink, or Thrift.)

- | | | |
|------|---|----|
| 1221 | Formosa. A very pretty edging plant, bearing large tufts of rosy-pink flowers; hardy perennial. | 10 |
|------|---|----|

AURICULA.

(Primula Auricula.)

- | | | |
|------|---|----|
| 1500 | A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; half-hardy perennial; 6 inches. | 10 |
|------|---|----|

- | | | |
|--------------------------|---|----|
| 1152 Niobe. | A beautiful variety belonging to the half-dwarf class. The tips of the flowers are of velvety crimson maroon, while the tubes are pure white. The contrast is most striking and unique. | 10 |
| 1151 Firefly. | Scarlet. | 5 |
| 1153 Picturatum. | Striped and blotched. | 5 |
| 1154 Queen of the North. | Grows one foot in height, and densely covered with large white flowers. A gem for beds and borders and valuable for pot culture. | 5 |
| 1161 Tom Thumb, Yellow. | A fine bedding sort. | 5 |
| 1170 Tom Thumb, Mixed. | Large variety of colors. (See cut.) | 5 |
| 1160 Tall Mixed. | Extra fine selection. Oz., 40 cts. | 5 |

- | | | |
|---------------------------|---------------------|----|
| 1169 Imported Collection. | 10 Dwarf varieties. | 50 |
|---------------------------|---------------------|----|

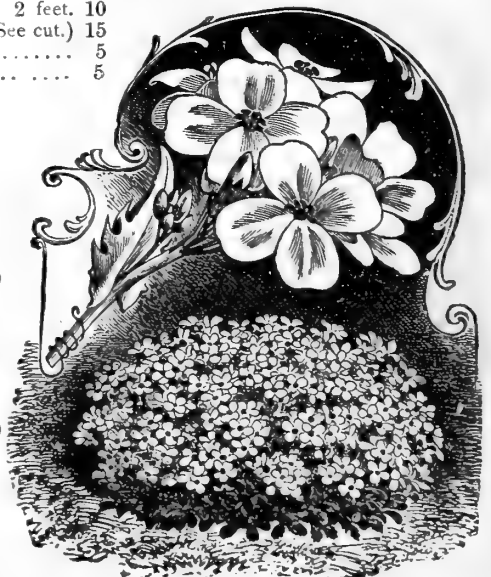
- | | | |
|---------------------------|--------------------|----|
| 1159 Imported Collection. | 10 Tall varieties. | 50 |
|---------------------------|--------------------|----|

See offer of Giant Snapdragons on page 5.

ARABIS ALPINA.

(Rock Cross.)

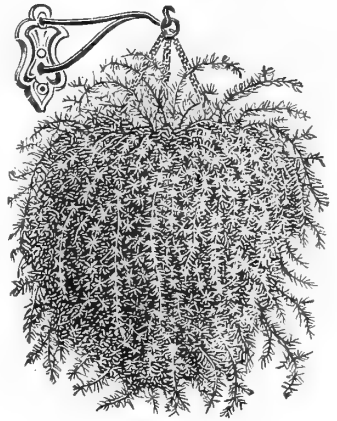
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|------|---|---|
| 1201 | The earliest, prettiest spring flower. The spreading tufts are densely clothed with neat, bright leaves and covered with a sheet of pure white flowers as soon as the snow disappears. Unequaled for rockeries or edgings of hardy borders; withstands the drought of summer and is always neat. 6 inches. (See cut.) | 5 |
|------|---|---|



ARABIS ALPINA.

ASPARAGUS.

- 1231 **Plumosus Nanus.** This graceful climbing Asparagus has foliage finer than that of the most delicate fern, and will last for weeks after being cut. It is an excellent house plant, succeeding under almost any conditions. 25
- 1232 **Sprengeri (Emerald Feather).** One of the best plants to grow in suspended baskets, for greenhouse or for outdoors in the summer. The fronds frequently grow 4 feet long and are now considered indispensable in all fine decorations; grows readily from seed 25
- 1233 **Verticillatus.** A graceful, hardy perennial climber with feathery foliage and scarlet berries. 10



ASPARAGUS SPRENGERI.

ASPERULA ODORATA (Sweet Woodruff).

- 1241 An old-fashioned favorite grown for its fragrant leaves and stems which, when dried, have an odor not unlike new-mown hay, and are used for putting among clothes, etc.; also used in Germany to flavor the "Maitrank," or May wine, imparting an agreeable bouquet to this popular beverage; best grown among shrubbery, woods or in other semi-shaded position where it can remain undisturbed; flowers white. 5

DOUBLE BALSAMS.

(Lady's Slipper.)

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easy culture; succeeds in a good rich soil; tender annuals. 2 feet.

- 1534 **Scarlet (King)** 5
- 1533 **Pink (Maiden's Blush)** 5
- 1535 **Solferino.** Striped and spotted 5
- 1536 **White** 5
- 1537 **White Perfection.** Very double, immense, solid round flowers 10
- 1540 **Double Camellia Flowered.** Finest mixed. (See cut.) 5
- 1538 **Imported Collection** of 6 colors 25



DOUBLE CAMELLIA FLOWERED BALSAM.

BALLOON VINE.

A rapid growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons.

- 1525 **Balloon Vine (Cardiospermum).** Per oz., 20 cts. 5



BRACHYCOME.

BAPTISIA AUSTRALIS

(False Indigo). PER PKT.

- 1541 A beautiful hardy perennial herbaceous plant, producing pea-shaped flowers on spikes 6 inches long. Bright blue. 2½ feet. 5

BARTONIA AUREA

(Golden Bartonia).

- 1551 Producing showy golden-yellow flowers above its gray and downy thistle-like foliage, which are exceedingly brilliant in the sunshine. Sow where it is to remain, as it does not bear transplanting; annual; 2 feet. 5

BETA.

The ornamental-leaved beets are among the most useful of decorated foliage plants.

- 1603 **Dracæna-Leaved.** Brilliant dark-red foliage 5
- 1601 **Red Chilian.** Scarlet ribbed. Oz., 15 cts. 5
- 1602 **Yellow Chilian.** Golden-yellow. Per oz., 15 cts. 5

BOCCONIA.

(Plume Poppy, or Tree-Celandine.)

- 1611 **Japonica.** Effective, hardy perennial, for single specimens or groups on lawns. Foliage glaucous green, bears freely spikes, 2 to 3 feet long, of cream-colored flowers. 5 feet. 5

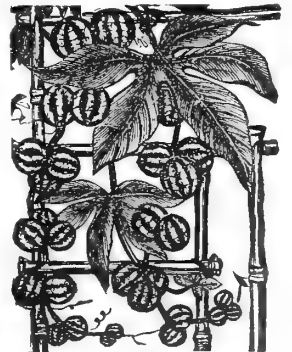
BRACHYCOME.

(Swan River Daisy.)

- 1620 Free-flowering, dwarf-growing annuals, covered during the greater part of the summer with a profusion of pretty blue or white flowers; suitable for edgings, small beds or pot culture. 5

BRYONOPSIS.

- 1641 **Laciniosa.** A beautiful annual climber of the gourd species, with ivy-like pale green foliage and showy fruit, first green striped white, turning, when ripe, to bright scarlet striped white. 10 feet. (See cut.) 5



BRYONOPSIS.



SINGLE TUBEROUS-ROOTED BEGONIA

TUBEROUS-ROOTED BEGONIAS.

Plants of great value for summer decoration or window gardening. To secure the best of results they should be planted as soon as the ground becomes warm. They are covered the whole summer with bright and elegant flowers; blooming the first season from seed, if sown in February or March, in a temperature of 60 degrees; for winter and spring blooming sow in August.

- PER PKT.
- 1570 **Single.** Finest mixed..... 15
 - 1568 **Double.** Finest mixed.... 25
 - 1567 **Crested.** A most novel and interesting variety, having a raised crest in the centre of each petal. In habit of growth, size and coloring of flowers it is equal to the other tuberous-rooted sorts 50

ORNAMENTAL-LEAVED BEGONIA.

- 1566 **Rex Hybrids.** Beautiful varieties, with handsome variegated foliage. Choice mixed. (See cut.)..... 25

BROWALLIA (Amethyst).

One of our favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers during the summer and autumn months, supplying a shade of intense blue very uncommon; grows freely in any rich soil; blooms finely in the winter if sown in August.

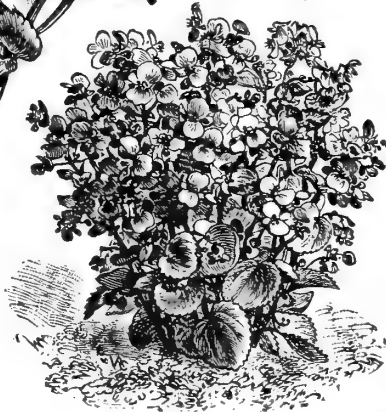


REX BEGONIA.

- 1637 **Speciosa Major.** A beautiful new large-flowering variety of the most brilliant ultramarine blue, a rare color; especially valuable as a pot plant for winter and early spring flowering. We saw a plant of this the past summer which had not been out of flower a single day in over two years. (See cut.)..... 15
- 1635 **Elata Coerulea.** Large sky-blue flowers with a white centre. 18 inches 5
- 1636 **Elata Nana.** Dwarf, sky-blue. 12 inches..... 10
- 1640 **Mixed.** All the Elata varieties.. 5



BEGONIA GRACILIS.



BEGONIAS.

Everblooming Bedding Varieties.

The following are varieties of *Begonia Semperflorens* and take rank as bedding plants with geraniums and coleus, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. Furthermore, they are as easily raised from seed as the ordinary annuals, and can be started in early spring in a hot-bed or window, and have nice plants ready to set out in May, thus saving all the room usually given to the carrying over of bedding plants. They are of sturdy growth, growing about 1 foot high and forming dense bushes, which, from May until frost, are completely hidden with flowers. As pot plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year.

- PER PKT.
- 1561 **Coral Gem.** A most distinct and attractive variety of pale rose or peach color 15
 - 1562 **Crimson Gem.** The most brilliant of all; flowers deep, rich red, foliage bronzy-crimson; very effective in beds..... 15
 - 1563 **Duchess of Edinburgh.** White, suffused with bluish-pink; very large flowers..... 15
 - 1564 **Erfordia.** Very free-flowering, color soft pink, leaves bronzy-red, fine..... 15
 - 1565 **Gracilis.** A very pretty half-dwarf variety, growing into compact plants, 8 to 10 inches high, densely covered with handsome flowers of a delicate rose color. Blooms profusely the entire season, and is admirably adapted for edgings, borders, or pot culture. (See cut) 15
 - 1571 **Vernon.** Bright orange-carmine flowers, deep red foliage, making a fine contrast 10
 - 1573 **Vernon Grandiflora.** A large flowering form of the above, with which it is identical in growth, floriferousness and color. The flower is nearly twice the size of the type, and therefore showier and more desirable, and is one of the best bright-red summer-flowering plants for semi-shaded beds or borders; grows readily from seed, flowering in a few weeks from time of sowing..... 15
 - 1572 **Dwarf Vernon.** Of dwarf, compact habit, adapting it for many purposes for which the taller varieties are not suitable, such as edgings, etc. Flowers bright red, bronze foliage..... 25



BROWALLIA SPECIOSA MAJOR.

A list of Common or English names of Flowers is given on page 99.



CACALIA.

CALCEOLARIA.

An ornamental plant, producing a mass of beautiful pocket-like flowers early in the spring, and a universal favorite for decorating the greenhouse or conservatory. Our strains have been grown especially for us, and can be relied upon to produce nothing but flowers of the largest size and most brilliant coloring.

PER PKT.

- 1671 **Hybrida Grandiflora, Mixed.** Large-flowering, beautiful, rich, self-colored flowers; saved from a choice collection; 20 inches... 25
- 1672 **Hybrida, Grandiflora Tigri-
na.** Large-flowering, tigered and spotted flowers; the very finest mixture of the most brilliant colors. (See cut.) 20 inches... 25

- 1673 **Hybrida Grandiflora Pumila Compacta.** Of dwarf, compact, robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 foot 25
- 1674 **Rugosa, Mixed (Shrubby).** Small flowering varieties for bedding; of the finest colors; 1 foot... 50

CALENDULA (Pot Marigold).

Showy, free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; valuable also for pot culture, blooming freely in winter and early spring; 1 foot.

PER PKT.

- 1681 **Meteor.** Large double yellow striped with orange. (See cut.) Oz., 25 cts... 5
- 1684 **Prince of Orange.** Resembles Meteor, but is much darker. Oz., 25 cts... 5
- 1682 **Orange King.** Very large double flowers of a dark orange red. Oz., 25 cts. 5
- 1685 **Pure Gold.** A grand variety, with double extra large flowers of a pure golden-yellow. Oz., 30 cts... 5
- 1686 **Double Sulphur.** Very large and extremely double flowers of a pleasing sulphur-yellow color. 5
- 1683 **Pongei Fl. Pl.** Showy, double white flowers. 5



CALCEOLARIA HYBRIDA TIGRINA.

CACALIA.

(Tassel Flower, or Flora's Paint Brush.)

A neat annual, of easy culture, with tassel-shaped flowers; blooms from June to September; fine for borders. Golden-yellow and scarlet. 1½ feet. (See cut.)

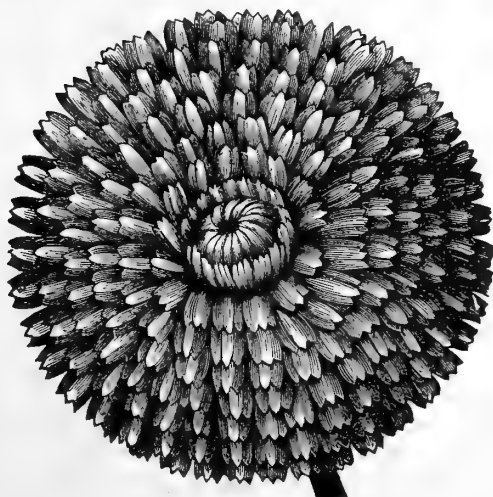
PER PKT.

- 1650 **Cacalia, Mixed.** Per oz. 50 cts... 5

CANARY-BIRD FLOWER.

(Tropæolum Canariense.)

- 1741 A beautiful climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. (See cut.)... 5



CALENDULA "METEOR."



CALLIOPSIS.

CALLIOPSIS.

Showy and beautiful, free-flowering annuals, blooming all summer and excellent for cutting and massing. (See cut.)

PER PKT.

- 1701 **Coronata.** Showy large yellow flowers... 5
- 1702 **Golden Wave (Drummondii).** Large, rich, golden-yellow flowers with chestnut-brown centres, produced in great abundance. 5
- 1704 **Tinctoria.** Golden-yellow with garnet eye... 5
- 1705 **Tinctoria Fl. Pl.** Double and semi-double flowers of yellow and garnet 5
- 1703 **Nigra Speciosa.** Rich crimson 5
- 1710 **Mixed.** All the choice kinds 5
- 1709 **Imported Collection** of ten varieties 40

See also Coreopsis, page 70.



CANARY-BIRD FLOWER.

CAMPANULA.

Well-known beautiful hardy herbaceous perennial, bearing a great profusion of attractive bell-flowers; thriving best in light, rich soil; some of the varieties flower the first season if planted early.

- 1722 **Mirabilis.** A new variety belonging to the class of *C. Medium*; it forms a low pyramidal bush of about 2 feet in diameter; each branch, even the smallest, produces a great number of large flowers of a pale blue or lilac color 25
- 1723 **Pyramidalis** (*The Chimney Bellflower*). A beautiful and stately plant, either for garden or pot culture; mixed blue and white flowers; hardy perennial; 3 feet 5
- 1721 **Carpatica.** Free-flowering, blue and white mixed, continuing in bloom the whole season; hardy perennial; 6 inches 5
- 1725 **Speculum Fl. Pl.** A double blue variety of Venus' Looking-glass, fine for cutting and bouquets; 6 inches 5

CANTERBURY BELLS (*Campanula Media*).

- 1740 **Single, Mixed.** Beautiful large bell-shaped flowers; effective plants for pot culture; hardy biennials; 2½ feet. (See cut.) 5
- 1737 **Double, Mixed.** All the double *Media* varieties; 2½ feet... 5
- 1732 **Calycanthema** (*Cup and Saucer*). This is the finest variety, producing white and blue flowers resembling cup and saucer. 5

CANDYTUFT.

Universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produces flowers early in spring; when sown in April, flowers from July till frost comes. Hardy and easy to cultivate. Single plants transplanted look well and bloom profusely. 1 foot.

- 1753 **Empress.** A complete mass of pure white flowers, in a pyramid of bloom. (See cut.) 10
- 1754 **Little Prince.** Charming diminutive variety of the above, forming dwarf candelabra-shaped plants 6 inches high, with spikes of white flowers as large as those borne by the parent.. 15
- 1751 **Carmine** 5
- 1752 **Crimson** 5
- 1755 **White Fragrant** 5
- 1756 **White Rocket.** Oz., 25c. 5
- 1760 **Mixed Colors.** Oz., 25c. 5
- 1767 **Tom Thumb, White.** 6 inches 5
- 1770 **Dwarf Hybrids, Mixed** 10



CANNA, QUEEN CHARLOTTE.



EMPRESS CANDYTUFT.



CANTERBURY BELLS.

Hardy Perennial Candytufts.

(*Iberis*.)

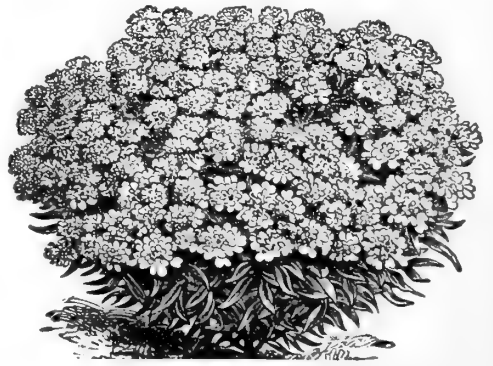
- 1772 **Sempervirens.** A profuse white blooming hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc.; 1 foot. 10
- 1771 **Gibraltarica Hybrida.** Very fine species, with white flowers, shading off to lilac. 10

CANNA (*Indian Shot*).

Dwarf, Large Flowering French.

Unquestionably one of the finest of bedding plants for the American climate. The list offered below is all of our own saving. Soak the seeds 12 hours in warm water before planting; sow in sandy loam, and place in a hot-bed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out.

- 1781 **Charles Henderson.** Deep rich crimson 10
- 1782 **Egandale.** Soft currant-red, bronze foliage. 10
- 1783 **Florence Vaughan.** A fine yellow-spotted red variety. 10
- 1787 **Mine d'Or.** Bright canary yellow. 10
- 1784 **Furst Bismarek.** Rich crimson 10
- 1785 **Madame Crozy.** Dazzling scarlet, gilt edge 10
- 1786 **Mlle. Berat.** Soft rosy carmine, nearest approach to pink 10
- 1788 **Queen Charlotte.** Brilliant orange-scarlet, wide margin of bright yellow 10
- 1789 **Vice-President Luziet.** Rich cherry-red 10
- 1799 **Collection** of the above 9 varieties 50 cts.
- 1790 **Mixed.** This is a mixture of seed saved on our own grounds from the finest sorts. Per oz., 25 cts. 5



CANDYTUFT, TOM THUMB

CARNATION.

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer.

- | | | | |
|------|--------------------------------|--|-------------|
| 1850 | Fine Double Mixed. | The best for garden culture. | PER PKT. 10 |
| 1840 | Finest Double Mixed. | Saved from extra fine flowers. | 25 |
| 1833 | Early Flowering Vienna. | Double mixed colors. | 10 |
| 1832 | Perpetual, or Tree. | Choicest mixed colors. | 25 |
| 1831 | Chaubaud's Perpetual. | Raised by a famous French specialist. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. (See cut.) | 25 |
| 1839 | Imported Collection | of 12 finest varieties. | 1 00 |
| 1838 | Imported Collection | of 6 finest varieties. | 50 |



CHAUBAUD'S PERPETUAL CARNATION.

MARGUERITE CARNATIONS.

These are deservedly the most popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is of semi-dwarf, robust habit, requiring no artificial support, and producing on long, strong stems an abundance of large double, beautifully fringed, highly-scented flowers.

- | | | | |
|------|----------------------|--|----|
| 1816 | Pure White | ..... | 10 |
| 1814 | Fiery Scarlet | ..... | 10 |
| 1813 | Bright Rose | ..... | 10 |
| 1811 | Deep Crimson | ..... | 10 |
| 1815 | Striped | ..... | 10 |
| 1812 | Purple Violet | ..... | 10 |
| 1820 | Mixed. | All colors. | |
| | | $\frac{1}{4}$ oz., 50 cts. | 5 |
| 1818 | Collection | of 1 pkt each of the above 6 colors, 50 cts. | |

Giant Marguerite Carnations.

- | | | | |
|------|--|-------|----|
| 1830 | An improved strain, producing flowers of immense size, frequently measuring 2 $\frac{1}{2}$ to 3 inches across. Strong, vigorous growers, and wonderfully free flowering; mixed colors. (See cut.) | | 10 |
|------|--|-------|----|



GIANT MARGUERITE CARNATION.

CELOSIA, OR COCKSCOMB.

Free-blooming annuals, growing best in rather light soil, not too rich, producing ornamental comb-shaped flowers; make grand border plants and are attractive for pots.

Cristata, or Crested Varieties.

- | | | | |
|------|-----------------------------|--|-------------|
| 1853 | Queen of the Dwarfs. | This we consider the finest of the dwarf-growing Cockscombs. The plants grow only 8 inches high, with beautiful dark rose-colored combs, measuring under good cultivation 2 feet across. | PER PKT. 10 |
| 1852 | Glasgow Prize. | Immense showy dark crimson combs. (See cut.) | 10 |
| 1854 | Variegata. | Variegated with crimson, orange, green striped, etc., of the most brilliant hues; 3 feet. | 5 |



CELOSIA, GLASGOW PRIZE

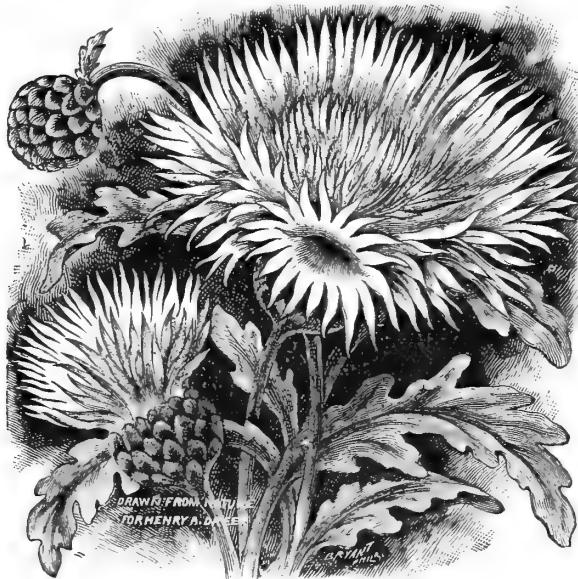
Feathered Varieties.

Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets.

- | | | | |
|------|--------------------------|--|----|
| 1867 | Thompson's Superb | (<i>Triomphe de l'Exposition</i>). This variety has attracted general attention in the public gardens of Paris. Pyramidal in growth, attaining a height of a little more than 2 feet, and produces beautiful large spikes of the most brilliant crimson. In sunlight the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. (See cut.) | 10 |
| 1866 | Golden Plume. | Pyramidal habit. Flowers bright golden-yellow | 10 |
| 1870 | Plumosa Superba. | A beautiful feathered variety; mixed. | 5 |



CELOSIA, THOMPSON'S SUPERB.



CENTAUREA MARGARITÆ.

CENTROSEMA.

(Butterfly Pea.)

- 1901 **Grandiflora.** A hardy perennial vine of rare beauty, which blooms in July from seed sown in April, and bears in great profusion inverted pea-shaped flowers, ranging in color from a rosy violet to a reddish-purple, with a broad, feathery white marking through the centre. 10



YELLOW SWEET SULTAN.

CLIANTHUS.

(Australian Glory Pea.)

A beautiful tender perennial shrub, bearing clusters of drooping, brilliant rich-scarlet, pea-shaped flowers, 3 inches in length, each flower picturesquely marked with a large black blotch in the centre.

- 2011 **Dampieri** 10

CHRYSANTHEMUMS.

ANNUAL VARIETIES.

Showy and effective garden favorite, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants; good for pot culture and quite distinct from the autumn-flowering varieties.

- 1921 **Chameleon.** A large flowered new variety. The ground color of the flowers or ray florets is a light coppery-bronze with a bright purplish crimson zone during the first few days, the blackish purple disc being surrounded by a golden-yellow circle; a few days later the coppery-bronze changes into a clear yellow, while the colorings of the zone and circle remain. (See cut.) 10
 1940 **Double Fringed Mixed.** Yellow, white, etc. 5
 1930 **Single Mixed (Painted Daisies).** Oz., 30 cts. 5
 1929 **Imported Collection** of 8 summer-flowering varieties. 30

PERENNIAL VARIETIES.

- 1941 **Frutescens Grandiflorum** ("Paris Daisy") 10
 1942 **Inodorum Plenissimum.** Double snow-white, very free-flowering and fine for cutting. Flowers the first year from seed. 10
 1950 **Japanese Hybrids.** The seed here offered has been saved from a magnificent collection. Seed sown in spring will produce flowering plants by fall. 25
 1943 **Maximum Triumph.** A new Moonpenny Daisy, surpassing all previous sorts in the size of its flowers, which average 4 inches across, and in its free-flowering qualities; the blossoms are of the purest white, with yellow centres, and are borne on long, strong stems, lasting a long time when cut. 10

CENTAUREA.

FLOWERING VARIETIES.

Favorite annuals do well everywhere. Fine cut flowers. PER PKT.

- 1886 **Cyanus Blue (Kaiser Blume, Corn Flowers or Blue Bottle)** 5
 1887 — **White** 5
 1890 — **Mixed.** 1½ feet. 5
 1889 — **Double Flowered.** Mixed colors. 5
 1888 — **Dwarf Victoria.** 8 inches; dark blue flowers. 10
 1891 **Americana Alba.** A variety of strong growth, 3 to 5 feet high, each branch terminated with a large nearly pure white fluffy flower. Excellent for cutting. 10

Giant Flowering Sweet Sultans.

These may be described as gigantic Corn Flowers, and are of the same easy culture, succeeding everywhere. But as cut flowers they are greatly in advance of the old Centaurea Moschata, the flowers being from 2 to 4 inches in diameter, of graceful form and very sweetly scented. A sowing made out of doors in May, June and July will furnish an abundance of bloom until November. They can also be grown indoors through the winter.

- 1892 **Chameleon.** Pale yellow on opening, turning to lilac, and finally to a beautiful rose color. 10
 1896 **Odorata.** Reddish lavender, highly fragrant. 10
 1894 **Margaritæ.** Snow-white blossoms. (See cut.) . . . 10
 4281 **Suaveolens (Yellow Sweet Sultan).** Very showy, large bright-yellow flowers; sweetly scented. (See cut.) 5
 See also offer of new varieties on page 6.

White-Leaved, or Dusty Miller Varieties.

Fine for bedding, vases, hanging-baskets and pots; also extensively used for margins. Sow the seed from Dec. to April.

- 1882 **Gymnocarpa.** Fine cut silver-gray foliage; 1½ feet. Per 1,000 seeds 50 cts. 10
 1881 **Candidissima.** Silvery white, leaves broadly cut. Per 1,000 seeds 50 cts. 10

CERASTIUM.

(Snow in Summer.)

- 1911 **Tomentosum.** A very pretty dwarf, white-leaved edging plant bearing small white flowers. 10



CHRYSANTHEMUM CHAMELEON.

CINERARIA.

Seed should be sown from May to September for succession. Where only one sowing is made, July should be preferred. Cinerarias grow so freely that the seedling may go straight from the seed-pans to thumb-pots. After transplanting, place in a cold frame facing north, if possible. When the pots become full of roots, shift into larger ones till the flowering size is reached.

- 1963 **Hybrida Grandiflora Dreer's Prize Dwarf Mixed** 35
- 1964 **Hybrida Grandiflora Dreer's Prize Tall Mixed** 35

The above strain cannot be surpassed either for size of flowers or beauty of color. Many of the blooms measure 3 inches in diameter and rarely under 2 inches. We have received very flattering reports from florists and private gardeners of their success with our Cineraria seed. All desiring the best should procure this strain. (See cut.)

- 1961 **Hybrida Grandiflora Choice Dwarf Mixed** 25
- 1962 **Hybrida Grandiflora Choice Tall Mixed** 25
- 1965 **Hybrida Grandiflora Choice Double Mixed.** All the rich and beautiful colors of the single sorts exist in this selection. 25

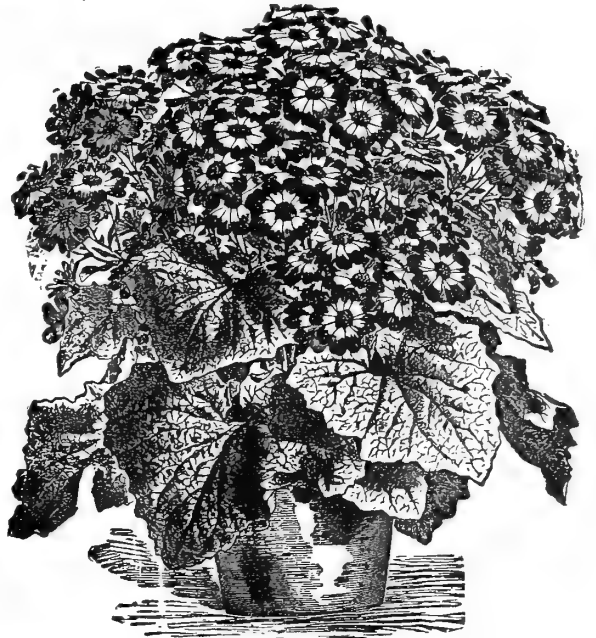
CINERARIA (Dusty Miller).

Fine for bedding, ribbon-beds and margins; prized for their beautiful downy, silvery foliage; half-hardy perennials; 2 feet.

- 1971 **Maritima Candidissima.** Silver foliage. Oz., 50 cts 5
- 1972 **Acanthifolia.** Silvery foliage, beautifully cut. 10

CLEOME (Giant Spider Plant).

- 2001 **Pungens.** Singular-looking rose-colored flowers; the stamens look like spiders' legs, and present a very attractive appearance; annual; 3 feet. This plant has been used extensively in many of the public parks the past season, planted among shrubbery, and was much admired. (See cut.) 5



CINERARIA—DREER'S PRIZE DWARF.

CLEMATIS.

Rapid-growing climbers, fine for arbors and verandas; the small varieties flower in clusters, and are very fragrant; the large flowering varieties are very handsome. Soak the seeds in warm water for 24 hours before sowing; hardy perennials.

PER PKT.

- 1988 **Paniculata (Japanese Virgin's Bower).** This is one of the few really good, hardy climbers. The leaves are of a bright, glossy-green, and when in bloom astonishes with the quantity of flowers, the plant being completely hidden beneath a blanket of white hawthorn-scented blossoms; a grand plant for piazzas, fences, in fact, any position where a climber is wanted; it is just the thing for covering terraces or embankments, does equally well in sunshine or shade, and stands unrivaled as a plant for the cemetery. 10



CLEOME PUNGENS.

- 1987 **Flammula (Virgin's Bower).** Small white fragrant flowers 5
- 1990 **Hybrida Grandiflora.** Saved from a magnificent collection of the finest large flowering sorts. 10

COBÆA (Cups and Saucers Vine).

A climber of rapid growth, valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds *edgewise* and merely cover with light soil. (See cut.)

- 2021 **Scandens.** Large, bell-shaped purple flowers 10
- 2022 **Scandens Alba.** Pure white 10

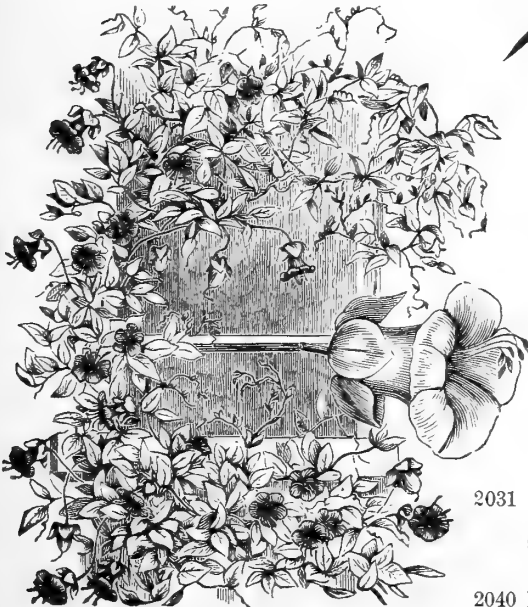
COCCINEA INDICA.

(Scarlet Fruited Ivy-Leaved Climber.)

- 2031 A handsome climber of the gourd species, with beautiful, smooth, glossy ivy-like leaves, contrasting with the fine snow-white, bell-shaped flowers and brilliant carmine fruit. 10 feet. 10

COLEUS.

- 2040 **Dreer's Hybrids.** Our strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. Sow in March. 25



COBÆA SCANDENS.

CONVOLVULUS, OR MORNING GLORY.

Major, or Climbing Varieties.

One of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed; hardy annuals; 15 feet. (See cut.) PER PKT.

- 2060 **Mixed.** All colors. Per oz., 15 cts. 5
 - 2061 **Double Flowering.** About eighty per cent. of the seedlings will produce double flowers, the remainder semi-double or single 10
 - 2059 **Imported Collection** of 10 varieties 30
- Imperial Japanese or Emperor Morning Glory will be found offered on page 79*

Minor, Dwarf, or Bedding Varieties.

Rich colored, handsome, dwarf, trailing plants, producing in beds and mixed borders an unusually brilliant effect.

- 2052 **Minor Tricolor, Mixed.** Annual; 1 foot 5
- 2051 **Mauritanicus.** A beautiful trailing plant for hanging-baskets, vases, etc.; blue flowers; perennial 10

COREOPSIS.

- 2071 **Lanceolata Grandiflora.** This is one of the finest of hardy plants, with large, showy, bright yellow flowers produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants, having long stems and lasting in good condition a week or more. Easily grown from seed flowering the first year if sown early. (See cut.) 5

See also Calliopsis, page 65.

COWSLIP (Primula Veris).

- 2110 A beautiful hardy spring flowering perennial; flowers of different colors, such as yellow, brown-edged yellow, etc. Very fragrant; 6 inches 5

CYPERUS ALTERNIFOLIUS.

(Umbrella Plant.)

- 2141 An excellent plant for growing in water or damp places; makes a very ornamental house plant, always presenting a green and attractive appearance. 10



COREOPSIS LANCEOLATA.

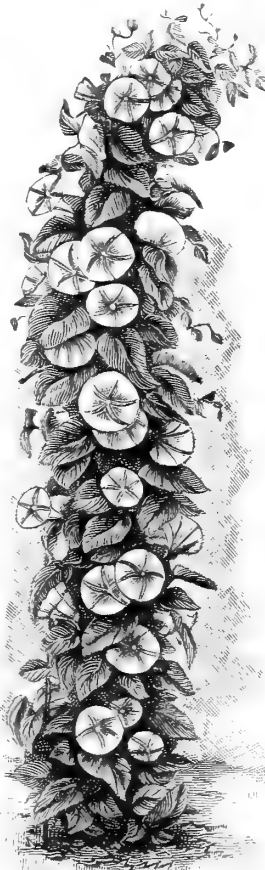
COSMOS.

Beautiful autumn-blooming plants. The flowers are borne profusely on long stems, and present a charming appearance when the plants are in full bloom. Should be sown in spring, in the open ground, when danger of frost is past, or the seed may be started under cover and afterwards transplanted. It is of the easiest culture, planted about 18 inches apart in rows or in masses in beds. When the plants are about a foot high, the tops should be pinched out to induce a bushy growth, and this should be continued until the middle of July, when they should have formed nice bushy plants. 3 feet high by the same in diameter. They produce thousands of beautiful flowers in pure white, pink, and crimson shades, furnishing an abundance of cut blooms for autumn decoration when other flowers are scarce. (See cut.)

Mammoth Perfection Cosmos.

A magnificent strain, bearing flowers of mammoth size and representing the highest development in Cosmos to date. Several of our customers brought us flowers of this selection measuring 4 inches in diameter; we offer it in the following colors:

- | | PER OZ. | PER PKT. |
|-------------------------------------|---------|----------|
| 2081 Crimson | 75 | 10 |
| 2082 Light Pink | 75 | 10 |
| 2083 Pure White | 75 | 10 |
| 2090 Mixed | 60 | 10 |
| 2100 Large Flowering, Mixed. | | |
| The ordinary strain | 50 | 5 |



MORNING GLORY.

comes into flower in July, and continues a mass of bloom until cut down by severe frost, making their successful cultivation possible in the most northerly States and Canada; it is of dwarf, compact growth, growing only 4½ feet high, while the old variety growing alongside towers up nearly 7 feet, a victim to the first strong wind. The flowers are fully as large as in the old type; the color is a beautiful white, relieved by a delicate tint of rose at the base of the petals. It originated in the garden of one of our customers in northern New York. 10

2091 **Dwarf Early Flowering "Dawn."** This new variety is identical in growth and early flowering qualities with "Dawn," but containing all the colors of the ordinary Cosmos 10

2092 **"Klondyke."** A golden-yellow Cosmos that has the size of flower of the well-known white and pink sorts. The flowers are borne on long stems and measure from 2½ to 3½ inches across. In form they resemble the ordinary Cosmos, but in color we know of nothing that compares in richness and depth of the golden hue. To get this variety in bloom before frost in the States north of Virginia it should be grown in pots or boxes, so that the roots are confined, thus throwing it into flower 10



COSMOS.



DOUBLE FLOWERING CYCLAMEN.

DATURA.

(Trumpet Flower.)

Ornamental annuals, with large and showy flowers, making handsome plants, 2 to 3 feet high.

- | | | | |
|------|--|-------------------|----|
| 2214 | Double Golden. | PER PKT.
Large | |
| | double flowers, of a deep golden-yellow; delightfully fragrant | | 5 |
| 2213 | Fastuosa Huberiana. | | |
| | From large double flowers of various colors | | 5 |
| 2212 | Cornucopia | | |
| | ("Horn of Plenty"). A grand variety; the flowers average 8 inches long, by 5 across; French white inside, purple outside; delightfully fragrant; started early will flower from early summer until frost | | 10 |
| 2211 | Arborea Simplex (<i>Brugmansia</i>). | | |
| | Large single trumpet-shaped, white, fragrant flowers, about 12 inches long. Plant out in May | | 15 |

DAHLIA.

(See colored illustration of single Dahlias on back cover of this catalogue.)

One of our best autumnal flowering plants; blooms until killed by frost; tuberous-rooted, half-hardy perennials; blooming the first year from seed, if sown early; protect the roots during winter in a dry cellar, in sand; 2 to 8 feet.

- | | | | |
|------|---------------------------------|--|-----------------|
| 2200 | Double. | Large flowering; finest mixed | 10 |
| 2197 | Double. | Small flowering. (<i>Bouquet or Liliputian</i> .) | Finest mixed 10 |
| 2196 | Double Cactus. | This type is very desirable; many colors | 10 |
| 2182 | Single Giant Perfection. | This new strain is a decided advance on those now cultivated, and should soon displace them by their many merits. The plants are of strong, robust habit, and produce in great abundance flowers of immense size, averaging 6 inches across, of the most bewildering variety of coloring, including not only solid or self-colors, but striped and flaked combinations as well | 15 |
| 2183 | Single Gracilis. | Beautifully striped and spotted varieties | 10 |
| 2190 | Single Mixed. | Large showy single flowers. (See cut.) | 5 |
| 2184 | Single Tom Thumb. | A highly interesting class of neat, compact and dwarf habit, growing 1 foot in height; very free-flowering, invaluable for cutting purposes, and admirably adapted for planting in masses and for border decoration | 10 |
| 2188 | Imported Collection | of 6 distinct single sorts | 40 |

CYCLAMEN.

Charming plants, with beautiful foliage and rich-colored, fragrant flowers; universal favorites for winter and spring blooming. The Giganteum varieties have large leaves and stout flower stalks, throwing the flowers well above the foliage. Seed may be sown any time during the autumn or spring in shallow boxes (2 inches deep) at a temperature of 60°. As soon as the seedlings have made two leaves, transplant into 2-inch pots and place on shelf near the light, but shaded from direct sunlight; shift into 3-inch size, and into larger as the operation becomes necessary. The strains we offer of these are unpassable.

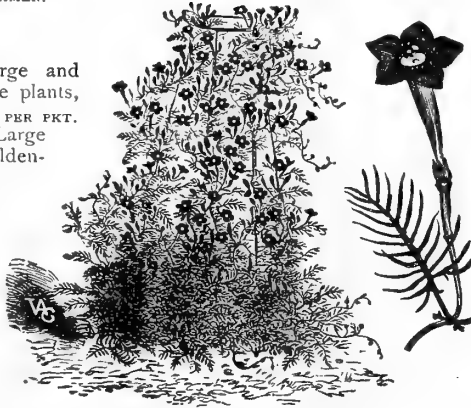
- | | | | |
|------|---|---|----------------|
| 2120 | Persicum. | Choice mixed | PER PKT.
10 |
| 2126 | — Giganteum. | Pure White with carmine eye | 25 |
| 2125 | — Album. | Pure white; superb | 25 |
| 2127 | — Rubrum. | Dark blood-red; splendid | 25 |
| 2128 | — Roseum. | Delicate rose with deep crimson eye | 25 |
| 2130 | — Finest Mixed. | Saved from a superb collection | 25 |
| 2122 | Bush Hill Pioneer (<i>Feathered Cyclamen</i>). | This, the first variety of its kind, is undoubtedly destined to be the forerunner of an entirely new strain. Flowers white, of considerable substance, with a strikingly distinct crest or feather upon the face of each petal, adding enormously to the lasting properties of the flower | 50 |
| 2121 | Double-Flowering. | A really double-flowering Cyclamen, coming quite true from seed; the flowers are produced with the same freedom and in the same beautiful colors as in the single-flowering sorts, and they last much longer when cut, and when left on the plants continue in good condition for over two months. (See cut.) | 35 |

CYPRESS VINE.

(*Ipomoea Quamoelit.*)

One of the most popular vines, with very delicate fern-like foliage, and masses of beautiful small, star-shaped flowers. Sow in May; 15 feet. (See cut)

- | | | | |
|------|----------------------------|--|---|
| 2156 | Scarlet. | Per oz., 30 cts. | 5 |
| 2157 | White. | Per oz., 30 cts. | 5 |
| 2160 | Mixed. | White and scarlet. Per oz., 30 cts. | 5 |
| 2155 | Scarlet Ivy-Leaved. | A rapid-climbing variety, with deeply lobed, ivy-like leaves, and small, fiery scarlet flowers. Per oz., 30 cts. | 5 |

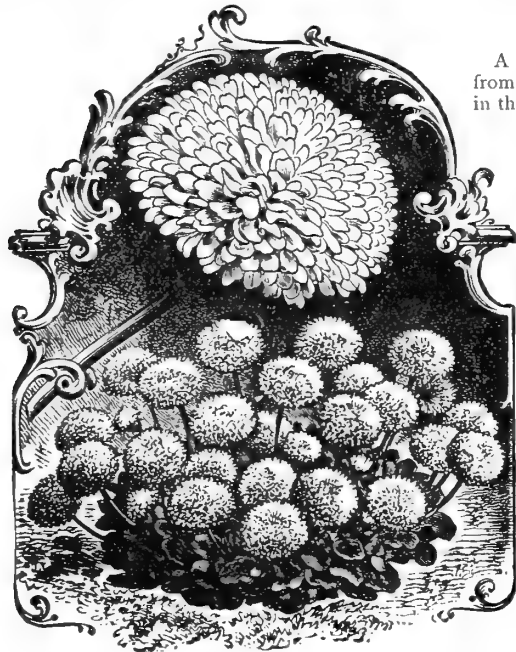


CYPRESS VINE.

PER PKT.



SINGLE DAHLIAS.



SNOWBALL DAISY.

ECHINOCYSTIS.

(Wild Cucumber Vine.)

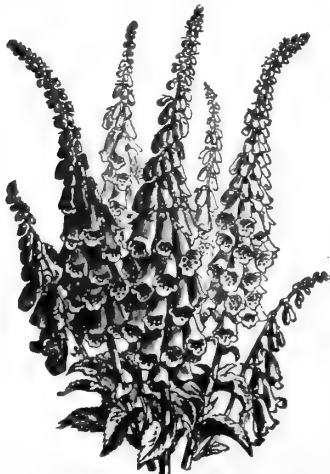
- 2401 **Lobata.** One of the quickest growing vines we know of; splendid for covering old trees, fences, etc. 5

ERIGERON HYBRIDUS ROSEUS.

- 2411 Interesting and attractive plant for permanent positions. The flowers are about 1 inch across, of a beautiful purplish-rose, with a golden-yellow centre. It is a hardy perennial, but will flower the first year if sown early, producing its lovely flowers without interruption from May until late in the autumn. 15

EUPATORIUM.

- 2441 **Fraseri.** A very pretty herbaceous hardy perennial plant, blooming the first season from seed, producing clusters of snowy-white flowers; fine for cutting and bouquets; 1½ feet. 10



DIGITALIS.

DAISY (Bellis Perennis)

A favorite plant, in bloom from April to June. The seed we offer is saved from the finest double varieties. Daisies can be easily raised from seed sown in the spring. Nearly hardy.

- 1600 **Double Mixed.** All colors; 4 inches. PER PKT. 10
 1594 **Double White.** 10
 1591 **Longfellow.** Large double pink flowers 10
 1593 **Snowball.** A large and very double pure white Daisy. The flowers are borne on long stems, and are excellent for cutting. (See cut.) 10
 1592 **New Giant Double.** Beautifully and densely imbricated flowers, 1½ to 2 inches in diameter, in different fine red tints. . 10

DIDISCUS.

- 2351 **Cœruleus.** This pretty and interesting annual seems to have been lost sight of in the last few years. We had a line of it in our trial grounds a year ago which bloomed most profusely from July till November, their exquisite pale lavender blossoms being greatly admired by all visitors; the plants grew about 18 inches high and had as many as 50 flowers open at one time. (See cut.) 5

DIGITALIS (Foxglove).

A handsome and highly ornamental, hardy perennial plant, of stately growth; fine for shrubberies and other half-shady places; 3 feet.

- 2360 **Gloxiniaeflora.** Gloxinia-shaped flowers; a lovely type; all colors mixed. (See cut.) 5
 2370 **Montrosa.** Mammoth Foxglove; long spike, surmounted by one enormous flower; very odd; all colors mixed. 10

DOLICHOS.

See Hyacinth Bean, page 78.

DRACÆNA.

Beautiful ornamental leaved plants, indispensable for vases and house decorations.

- 2385 **Australis.** Broad green leaves. 10
 2386 **Indivisa.** Fine plant for vases, etc. 10
 2387 — **Lineata.** Gracefully arching, dark green. 10
 2390 **Mixed.** Splendid varieties. 15



DIDISCUS CÆRULEUS.

DELPHINIUM.

(Perennial Larkspur.)

One of our most showy and useful plants, possessing almost every requisite for the adornment of the garden; producing splendid spikes of flowers in profusion throughout the summer. If sown early they bloom the first year from seed; hardy perennials.

- 2233 **Formosum.** Beautiful spikes of brilliant rich blue flowers, with a white centre; 2½ feet. PER PKT. 5
 2234 **Nudicaule.** Dwarf, compact growth, with spikes of bright scarlet flowers; 18 inches. 10
 2231 **Cashmerianum.** A beautiful dark blue, blooms in corymbs of 6 or more; 15 inches. 10
 2232 **Elatum Hybridum (Bee Larkspur).** Rich deep blue; very free blooming. (See cut.) 10
 2235 **Zalil.** A lovely shade of sulphur yellow. 10
 2236 **Grandiflorum Fl. Pl.** Finest double, mixed in great variety of charming colors. 15
 2240 **Fine Mixed** single varieties. Oz., 40 cts. 5

(For Annual Delphiniums, see Larkspur, page 80.)



DELPHINIUM ELATUM.

DIANTHUS OR PINKS.

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The varieties classed as annuals may be sown out of doors when danger from frost is past, and in a few weeks' time they are a mass of bloom, continuing so until hard frost. Fine for beds or massing.

DOUBLE ANNUAL PINKS.

- | | PER PKT. |
|--|----------|
| 2250 Chinensis Fl. Pl. (<i>China or Indian Pink</i>). Double mixed. Per oz., 30 cts. | 5 |
| 2270 Heddewigi Fl. Pl. (<i>Double Japan Pink</i>). Double mixed. Colors varying from the richest velvety crimson to the most delicate rose; individual flowers very large. Per oz., 60 cts. | 5 |
| 2266 Snowball. Double white, fringed flowers; very fine. | 10 |
| 2260 Diadematus Fl. Pl. (<i>Double Diadem Pink</i>). Beautiful double flowers; mixed, of various tints of lilac, crimson, purple, to very dark purple, with the outer edges fringed and nearly white. Per oz., 75 cts. | 5 |
| 2230 Imperialis Fl. Pl. (<i>Double Imperial Pink</i>). Double variegated mixed colors. | 5 |
| 2290 Laciniatus Fl. Pl. (<i>Double-Fringed Pink</i>). Large, double, showy flowers, with fringed edges and beautifully striped; mixed, various colors. (See cut.) | 5 |
| 2267 Mourning Cloak (<i>White Frill</i>). Rich, blackish velvety crimson, margined with pure white, making a unique contrast. (See cut.) | 5 |
| 2277 Fireball. A dwarf variety, producing globular, double, dark, blood-red flowers; extra fine. | 5 |
| 2239 Imported Collection of China and Japan Pinks; 12 varieties | 40 |

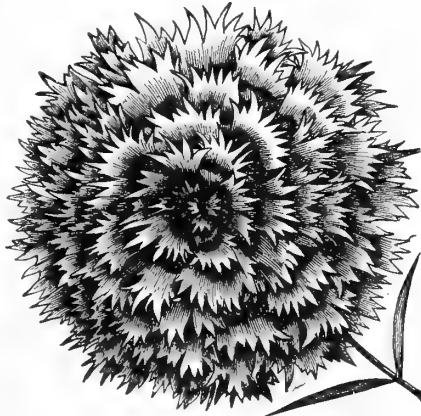


MOURNING CLOAK DIANTHUS.

SINGLE ANNUAL PINKS.

All of the single sorts have large flowers, 2 to 4 inches in diameter; their many and brilliant colors make them very desirable for beds or borders.

- | | PER PKT. |
|--|----------|
| 2310 Heddewigi. Finest selected single-flowered, mixed. (See cut.) Oz., 50 cts. | 5 |
| 2320 Laciniatus. A beautiful fringed variety; various colors. | 5 |
| 2302 "Eastern Queen." Beautifully marbled; the broad bands of rich mauve upon the paler surface of the petals are very striking and pretty. | 5 |
| 2301 "Crimson Belle," as its name implies, is a rich crimson color, flowers of large size and good substance, evenly and finely fringed. | 5 |
| 2317 "Salmon Queen." Brilliant salmon color, changing into a salmon rose when fading. That this variety is distinct from all others is easily proved by the seeds, which are white or yellowish white, while those of all other annual Pinks are dark brown or black. The flowers are well formed and nicely fringed; the plants attain a height of 10 to 12 inches. | 10 |



DIANTHUS, DOUBLE FRINGED.

HARDY PERENNIAL PINKS.

These hardy varieties are well adapted for beds and borders, delightfully sweet-scented; should be in every garden where cut flowers are wanted.

- | | PER PKT. |
|--|----------|
| 2340 Plumarius (<i>Pheasant-eye</i>). A beautiful, single, hardy pink, with fringe-edged white flowers, with a dark centre. (See cut.) | 5 |
| 2337 Plumarius Fl. Pl. Double and semi-double varieties in beautiful colors. | 10 |
| 2336 New Perpetual. Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color. | 25 |

DIANTHUS BARBATUS.

See Sweet William.

DIANTHUS CARYOPHYLLUS.

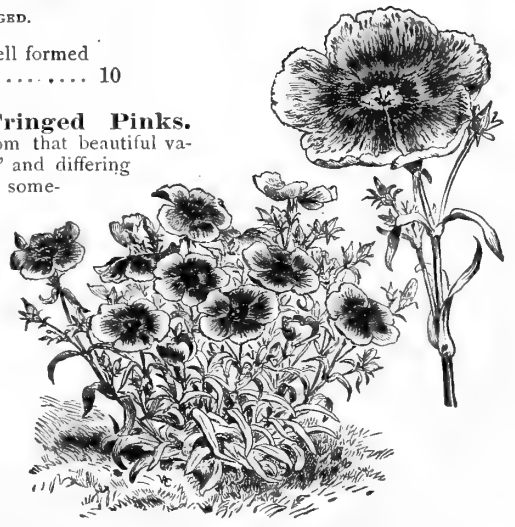
See Carnation.

2318 Dwarf Hybrid Fringed Pinks.

New strain, selected from that beautiful variety, "Salmon Queen," and differing from that sort by their somewhat smaller, less fringed, but much finer colored flowers, which vary from white to purple-red, all being tinged with bright salmon and having a dark ring around the eye. When grouped are as beautiful as they are distinct. Plant grows 10 inches high; remarkably free-flowering.



DIANTHUS PLUMARIUS.



DIANTHUS HEDDEWIGI SINGLE.

ECCREMOCARPUS SCABER.

(Chilian Glory-flower.)

PER PKT.

2394 A beautiful annual climber. Trained to a trellis or wall, it forms an ornamental object throughout the summer, its bright orange tubular flowers contrasting effectively with the delicate green of the foliage. (See cut.) 10

ESCHSCHOLTZIA.

(California Poppy.)

Very attractive annuals for beds, edgings, or masses; profuse flowering, fine cut foliage; in bloom from June till frost; 1 foot. (See cut.)

2425 **Aurantiaca.** Rich orange. 5

2426 **Mandarin.** Inner side of the petals rich orange, the outer side brilliant scarlet. 5

2427 **Rose Cardinal.** A charming variety, producing freely beautiful large flowers of intense carmine. 5

2430 **Single Mixed.** All colors. Per oz., 40 cts. 5

2440 **Double Mixed.** All colors. 5



EUPHORBIA VARIEGATA.



ECCREMOCARPUS SCABER.

EUPHORBIA.

Strong growing annuals suitable for beds of tall growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

2452 **Variegata** (*Snow on the Mountain*). Attractive foliage, veined and margined with white. 2 feet. 5

2451 **Heterophylla** (*Annual Poinsettia, Mexican Fire Plant, Painted Leaf*). An annual resembling in habit and color the beautiful hot-house Poinsettia. The plants grow 2 to 3 feet high, of branching bush-like form, with smooth glossy-green leaves, which, about midsummer, become a beautiful orange-scarlet, presenting a striking and brilliant appearance. 10

FERNS.

These ornamental plants are very desirable for Wardian cases or ferneries; thriving in a peaty, sandy soil, and moist, shady positions in the garden during the summer. The seed is, however, slow of germination, and requires care and considerable patience before it makes its appearance. Sow in the spring in shallow boxes, barely covering with soil; keep moist with a covering of fine moss, and in a temperature of 60 degrees.

2470 **Choice Mixed.** From a fine collection. 15

2469 **Imported Collection** of 12 distinct varieties. 1 00

GENTIANA.

A charming hardy perennial, which blooms early in May. Excellent for edging, rock-work, etc.

2511 **Acaulis.** The Blue Gentian; flowers rich blue; 6 in. 10

GEUM.

Beautiful hardy perennial, bearing profusely large showy flowers all through the summer; an elegant flower for bouquets.

2541 **Atrococcineum** Fl. Pl. Double scarlet. 5

GLAUCIUM.

(Horned Poppy.)

An ornamental foliage plant, with long, recurved, silvery leaves, deeply cut to the rib, forming two rows of leaflets; of vigorous growth, contrasting finely with colored foliage plants. Flowers are orange-yellow, bell-shaped and drooping; hardy biennial. 2 feet.

2561 **Corniculatum** (*Luteum*) 5



ESCHSCHOLTZIA.

FUCHSIA.

PER PKT.

2480 A well-known plant of easy culture, for the house or shady situations in the garden; the seed we offer is saved from the finest single and double named varieties 15

GAILLARDIA.

(Blanket Flower.)

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during the summer, and autumn; annuals 1½ feet.

2496 **Picta.** Crimson and orange 5

2497 **Picta Lorenziana.** A charming profuse double-flowering strain; beautiful mixed colors. (See cut.) 5

2500 **Picta Mixed.** Fine colors. 5

2501 **Grandiflora Superba.** Our own saving. Splendid new perennial varieties, with very large flowers, dark crimson centres, marked with rings of many brilliant colors. 10

2502 **Grandiflora Compacta.** New compact growing variety of the hardy perennial Gaillardia forming bushy plants 12 to 15

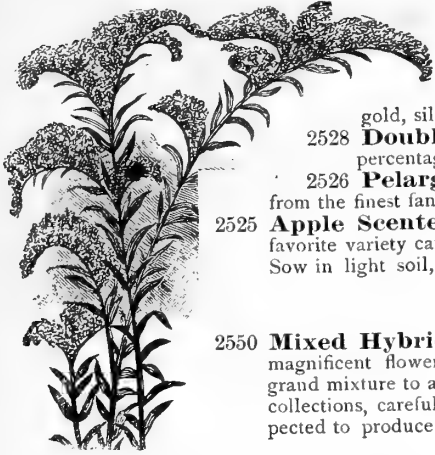
inches high, and bearing its long stemmed flowers well above the foliage. In coloring the flowers are exactly as rich and varied as those of the tall growing sort. As the plants produce their flowers most profusely, and in constant succession from June till autumn, this variety, with its improved habit, will prove one of the most desirable of all hardy perennials grown for cut flowers. Blossoms the first year from seed if sown early. (See cut.) 15



GAILLARDIA LORENZIANA.



GAILLARDIA GRANDIFLORA COMPACTA.



GOLDEN ROD.

GLOXINIA.

A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrive best in an equal mixture of peat, loam and sand. Sow in March, on the surface, in a warm, moist atmosphere. When the second leaf appears, transplant into small pots to grow through the summer. Allow them to rest through autumn, and keep in same pots through winter, giving little water. In spring repot and water freely; will blossom second season.

PER PKT.

- 2575 **Princess Maud.** Flowers bright carmine, darkening into a velvety purplish-violet towards the margin, the edge being pure white, minutely spotted with light blue. 25
- 2577 **Hybrida Erecta.** Erect large flowering varieties, in splendid mixture. (See cut.) 25
- 2576 **Punctata.** Tinged and spotted hybrids saved from a superb collection. 25
- 2578 **Hybrida Mixed.** Erect and drooping flowers of the finest Grandiflora type. 25



GLOXINIA HYBRIDA ERRECTA.

GERANIUM (Pelargonium).

PER PKT.

- 2530 **Zonale Mixed.** A superb strain of the largest and finest varieties; mixed 10
- 2527 **Variogated Leaved.** Bronze, gold, silver and tri-colored foliage varieties. Mixed. 25
- 2528 **Double Mixed.** This seed will produce a large percentage of double flowers of extra fine colors. 25
- 2526 **Pelargonium, Mixed (Lady Washington).** Saved from the finest fancy and spotted large flowering sorts. 25
- 2525 **Apple Scented (Pelargonium odoratissimum).** This fragrant favorite variety can only be grown from seed to form fine plants. Sow in light soil, and keep moist until they germinate. 10

GLADIOLUS.

- 2550 **Mixed Hybrid.** The ease with which new varieties of this magnificent flower can be raised from seed should entitle this grand mixture to a trial. It has been saved from one of the finest collections, carefully hand-hybridized, and the product may be expected to produce nothing but sorts of the highest merit. 25



GREVILLEA ROBUSTA.

GOLDEN ROD (Solidago Canadensis).

- 2601 Our "National Flower." Golden-yellow; hardy perennial. 2 to 5 feet. (See cut.) 5

GREVILLEA ROBUSTA.

(Silk Oak.)

- 2681 A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed, producing good-sized plants in a short time. (See cut.) 10

GYPSOPHILA.

Pretty, free-flowering, elegant plants for rock-work, baskets, edgings, and borders; succeeding in any garden soil.

- 2692 **Paniculata (Baby's Breath).** White flowers, fine for bouquets; hardy perennial. 2 feet. 5
- 2691 **Elegans, Mixed.** Hardy annual. 5



GLOBE AMARANTH.

GNAPHALIUM LEONTOPODIUM.

(Edelweiss.)

PER PKT.

- 2581 Principally found on the Alps of Switzerland. Seed must be sown early in the spring in shallow pans in sandy soil and leaf-mold, and should be kept cool and moist. 15

GLOBE AMARANTH.

(Gomphrena.)

Popularly known as "Bachelor's Buttons," a first-rate bedding plant; flowers can be dried and used in winter bouquets. (See cut.)

- 2567 **Nana Compacta.** Red. 1 foot. 5
- 2570 **Mixed.** 2 feet. Oz., 40 cts. 5

GODETIA.

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of rich and varied colors. 1 1/2 feet.

- 2587 **Gloriosa.** A new variety of dwarf compact growth, with large satiny brilliant blood-red flowers. Without doubt the richest colored of all Godetias, and produces a gorgeous effect in beds or borders. (See cut.) 10
- 2590 **Mixed.** All colors. 5



GODETIA GLORIOSA.



ORNAMENTAL GOURDS.

ORNAMENTAL GOURDS.

Rapid growing, interesting annual climbers, with ornamental foliage and singular shaped fruit; 15 to 20 feet. (See cut.)

- 2612 **Calabash.** The Dipper Gourd..... 5
- 2614 **Hercules' Club.** Club-shaped; 4 feet long..... 5
- 2613 **Egg-shaped.** Fruit white like an egg..... 5
- 2616 **Orange-shaped, or Mock-Orange.**..... 5
- 2611 **Bottle-shaped**..... 5
- 2622 **Turk's Turban.** Red striped..... 5
- 2617 **Pear-shaped.** Striped; very showy..... 5
- 2615 **Luffa.** Dish Rag, Sponge or Bonnet Gourd..... 5
- 2618 **Serpent.** Striped like a serpent, changing to brilliant carmine when ripe; 5 feet in length..... 5
- 2621 **Sugar Trough**..... 5
- 2630 **Fine Mixed.** Per oz., 40 cts..... 5
- 2629 **Imported Collection** of 12 varieties..... 50

ORNAMENTAL GRASSES.

The Ornamental Grasses serve the double purpose of rendering the mixed flower-bed or border attractive during the summer, and for the use of the spikes or panicles in a dried state in winter bouquets.

For large beds or groups on lawns nothing gives a finer effect, and they are now largely used in prominent positions in many of the finest public parks, etc. The following are the most popular varieties:

- 2641 **Briza Maxima** (*Quaking Grass*). In great demand for ornamental work and grass bouquets... 5
- 2642 **Bromus Brizæformis.** A graceful variety, with drooping panicles; perennial..... 5
- 2644 **Coix Lachrymæ** (*Job's Tears*). Broad, corn-like leaves and hard, shining, pearly seeds; annual. Per oz., 15 cts..... 5
- 2616 **Erianthus Ravenæ.** Perennial; exquisite plumes resembling the Pampas. Fine for lawns; flowers first season if sown early..... 5
- 2647 **Eulalia Zebrina.** Light green, barred with creamy white. Variegation runs across the foliage.... 10
- 2658 **Stipa Pennata** (*Feather Grass*). Perennial, beautiful, delicate white, feathery bloom; flowering the second season from seed; 2 feet..... 5
- 2661 **Uniola Latifolia.** Handsome perennial sort, bearing large panicles of flat spikelets..... 5



Pennisetum Ruppelianum.

- 2651 **Gynerium Argenteum** (*Pampas Grass*). White silvery plumes; perennial; blooms the second season from seed..... 5
- 2653 **Lagurus Ovatus** (*Hare's Tail Grass*). Beautiful small white heads or spikes of bloom, excellent for bouquets; annual..... 5
- 2655 **Pennisetum Ruppelianum.** Beautiful and graceful spikes of purple; whether for border decoration or for bouquets this is one of the best; 2½ feet. (See cut.)..... 10
- 2657 **Setaria Magna** (*Bristly Fox-tail Grass*). A handsome grass, growing 10 to 12 feet high, bearing dense spiked panicles 2 to 3 feet long..... 5
- 2663 **Zea Japonica Quadricolor.** A beautiful variegated maize; leaves striped silvery white, yellow, rose and green..... 5
- 2669 **Collection of Grasses.** 12 varieties..... 50

HELIANTHUS, OR SUNFLOWER.

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens. Hardy annuals.

- 2706 **Nanus Fl. Pl.** (*Globe of Gold*). Dwarf, double-orange flowers; 4 feet. Per oz., 30 cts..... 5
- 2704 **Globosus Fistulosus** (*Globe or Dahlia Sunflower*). Flowers large, double, of a rich saffron color; 6 feet. Per oz., 30 cts..... 5
- 2707 **Oscar Wilde.** Beautiful golden-yellow, with jet-black centre; single..... 5
- 2701 **Cucumerifolius** (*Miniature Sunflower*). Small-flowered dwarf; single; rich yellow. An abundant bloomer..... 5
- 2703 — **"Stella"** (*Improved Miniature Sunflower*). Differs from the Miniature Sunflower by its larger and better formed flowers of the purest golden-yellow, with black disc. The individual flowers are from 2½ to 3 inches across, and are borne on long stems well above the lively green foliage. Sown on a sunny spot, in April or May, flowers may be cut daily from the end of June until cut down by frost..... 10
- 2702 — **"Orion."** Effective new variety of "Stella." The petals are twisted like those of the best Cactus-shaped Dahlias. Especially valuable for bouquets in late summer and autumn when other flowers are becoming scarce. (See cut.)..... 15
- 2705 **Golden Bouquet.** A new hardy perennial variety, coming into flower in June from seed sown in April, and continuing in bloom until fall. The plants grow about 3 feet high, forming a regular pyramid, branched from base to top, each branch bearing on long slender stems a multitude of golden-yellow flowers, each from 2 to 2½ inches across. An invaluable cut flower for vases, etc., and an excellent decorative plant for the garden..... 10



SUNFLOWER, ORION.

HELICHRYSUM (Straw Flower).

- 2720 **Monstrosum Fl. Pl.** One of the best of "Everlasting Flowers." Exceedingly effective double flowers, making a fine display in beds or borders; they succeed in any rich garden soil; hardy annuals; 1½ feet. Mixed..... 5
 2719 **Imported Collection.** 12 varieties..... 50

HELIOPSIS PITCHERIANUS.

- 2731 A desirable hardy herbaceous plant, growing from 2 to 3 feet high, beginning to flower early in the season, and continuing the entire summer. The flowers are of a beautiful deep golden-yellow color, about 2 in. in diameter, of very thick texture, and very graceful for cutting 10

HELIPTERUM SANFORDI.

- 2751 A very pretty border annual of dwarf habit, bearing large globular clusters of bright golden-yellow everlasting flowers. 1 foot..... 5

HEUCHERA SANGUINEA.

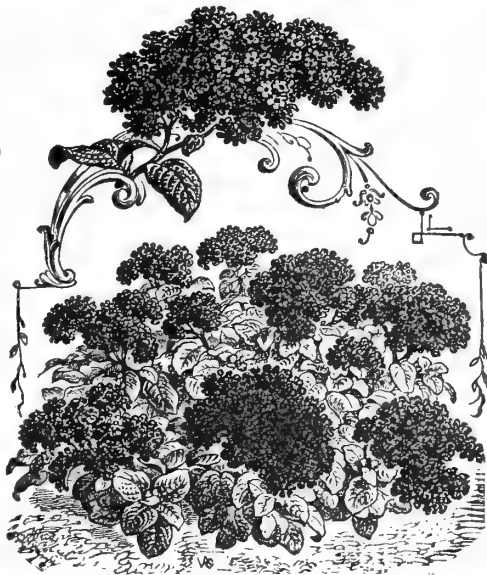
- 2761 One of the finest hardy perennials. The flowers are of a rich bright crimson color; the leaves light green and slightly hairy. Excellent for cutting..... 10

HIBISCUS (Marshmallows).

Showy ornamental plants, for mixed beds or shrubby borders, having large-sized, varied and beautifully colored flowers.

- 2771 **Africanus.** Large cream-colored flowers, with a brown centre; hardy annual. 1½ feet..... 5
 2774 **Palustris.** Large pink flowers; hardy perennial. 5
 2772 **"Crimson Eye."** Flowers of the largest size, pure white with a large spot of velvety crimson in the centre of each flower; hardy perennial; flowers the first year if sown early 10

- 2773 **Giant Yellow, or Golden Bowl.** A shrubby perennial, cup-shaped flowers from 6 to 9 inches in diameter. The color is a rich deep cream with a velvety maroon centre. The plants commence to bloom early and continuously until cut down by frost. The seed should be started early indoors, and set out as soon as the weather is warm. (See cut.)..... 10



HELIOTROPE, LEMOINE'S GIANT.

HELIOTROPE.

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber. Seed sown in the spring will make fine plants for summer blooming.

- 2737 **Lemoine's Giant.** Originated with the famous French hybridizer. Of robust growth and producing heads of flowers double the size of the old sort. (See cut.)..... 10
 2740 **Mixed**..... 5
 2738 **Imported Collection** of 6 sorts..... 40

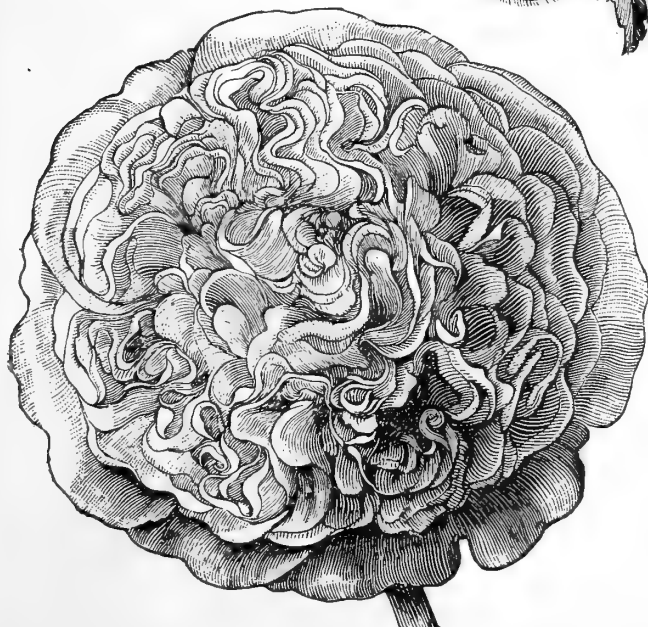


GIANT YELLOW HIBISCUS.

HOLLYHOCK.

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers it is without equal. The seeds offered have been saved from a superb strain of the finest double flowers. Seeds sown during the summer will produce plants for flowering the following season. (See cut.)

- 2781 **Mammoth Fringed "Allegheny."** An entirely new departure which has much to commend it. The mammoth flowers are wonderfully formed of loosely arranged fringed petals, which look as if made from the finest China silk, and when cut are hardly recognizable as a hollyhock, having none of the formality of the ordinary type. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high 10
 2786 **Double White.** Per oz., \$1.00..... 10
 2787 **Double Yellow**..... 10
 2784 **Double Bright Red**..... 10
 2783 **Double Bright Pink**..... 10
 2782 **Double Maroon**..... 10
 2785 **Double Sulphur**..... 10
 2790 **Extra Choice Double Mixed.** Per oz., \$1.00..... 10
 2789 **Imported Collection** of 12 varieties.... 75
 2788 **Imported Collection** of 6 varieties..... 40



HOLLYHOCK DOUBLE.

HUNNEMANNIA FUMARIFOLIA.

(Giant Yellow Tulip Poppy.) FER PKT.

2821 In our trial grounds the past two seasons this was one of the showiest and most satisfactory plants in over four hundred trials. The seed was sown early in May, and by the middle of July the plants were covered with their large buttercup-yellow poppy-like blossoms, and they were never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. (See cut.) . . . 10

HYACINTH BEAN (Dolichos Lablab).

A rapid-growing annual climber, flowering freely in clusters, followed by ornamental seed pods, for covering arbors, trellises, etc. Sow the seed in the garden in April or May, where they are to remain; 10 feet. (See cut.)

2380 **Dolichos Mixed.** Purple and white. Per oz., 15 cts. 5

HUMULUS (Japanese Hop).

2811 **Japonicus.** A very ornamental and fast-growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a lively green. 5

2812 **Japonicus Variegatus.** A variegated variety of the Japanese Hop. The leaves are beautifully and distinctly marbled and splashed with silvery-white, yellowish-white and light and dark green, very effective for screens, arbors, trellises, etc. As with the green-leaved variety, it is never injured by insects nor affected by the heat, but retains its fresh and bright variegated foliage until late in the autumn. (See cut.) 10



GIANT YELLOW TULIP POPPY.

HONESTY.
(Moonwort.)

Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance.

2801 **Honesty (Lunaria Biennis).** 2 feet. 5

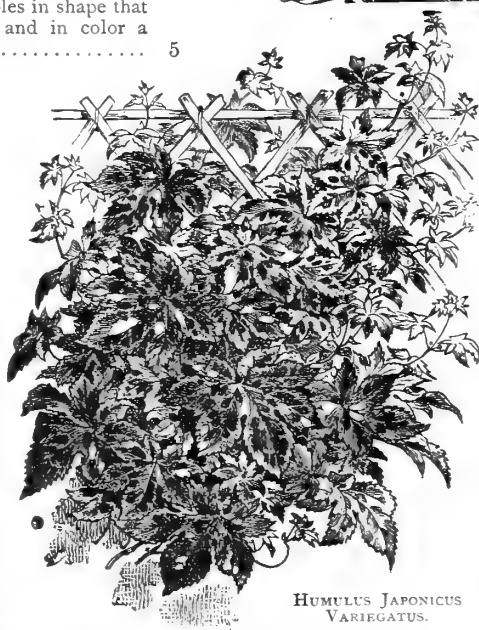
ICE PLANT.
(Mesembryanthemum)

2831 Dwarf growing plant bearing small white flowers. Prized for its singular icy foliage 5

IRIS.

(Fleur-de-lis.)

2890 Hardy perennial, tuberous-rooted garden plant, growing about two feet high, with large ornamental flowers of the richest colors. Mixed varieties 10



HUMULUS JAPONICUS VARIEGATUS.

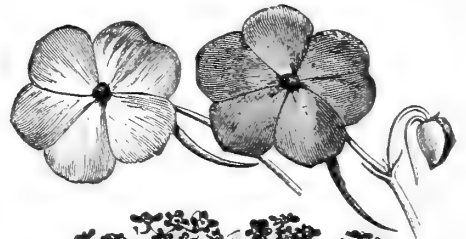
IMPATIENS.

(Sultan's or Zanzibar Balsam.)

Charming plants for the decoration of the greenhouse or dinner table, producing their bright waxy-looking flowers profusely and almost continuously. The young seedlings should be repotted when about an inch high and very carefully handled, as they are exceedingly brittle at the outset.

2842 **Sultani.** Flowers of a brilliant rosy-scarlet color. . . 15

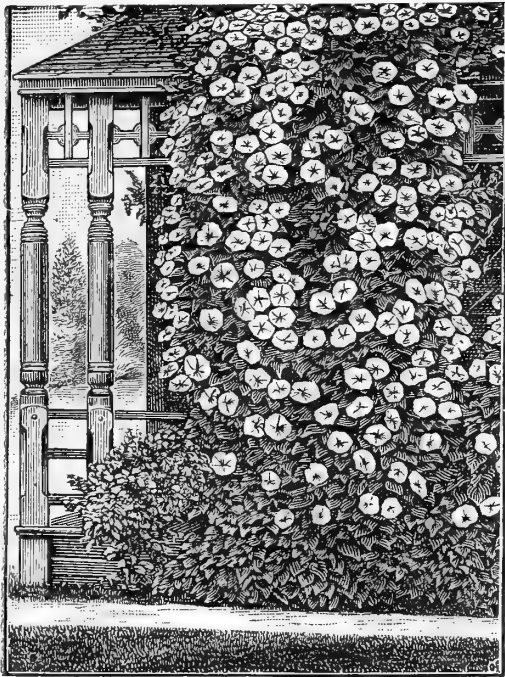
2841 — **Hybrida.** Remarkably beautiful hybrids of this much-admired plant in varying shades of color, from delicate pink to the deepest red. (See cut.) 25



IMPATIENS SULTANI HYBRIDA.



HYACINTH BEAN.



MOON FLOWER.

IPOMEEA.

Climbers of rapid growth, with beautiful and varied flowers; for covering old walls, trellises, arbors, or stumps of trees, they are invaluable.

Imperial Japanese. Wherever climbers can be grown these should have a prominent place. They are beyond question the handsomest of a handsome family, and well deserve their title of "Imperial" or "Emperor" Morning Glories. Of the easiest culture, can be sown in the open ground in a sunny situation when the weather has become warm and settled; they soon cover a large area, being of strong rapid growth, and even before flowering are decidedly novel and interesting on account of the varied forms of the foliage and their markings. The flowers are of gigantic size, of good substance, remaining open the greater part of the day. The colorings are beyond description; the self or sold colors range from snow-white to black-purple, with all the possible intermediate shades, such as pink, rose, fiery-red, copper-red, carmine, crimson, pale-blue, deep-blue, royal-purple, maroon, indigo, bronze, slate, brown, cherry, ash gray, etc., others are edged with white, having throats of one of the above colors, while in others this is reversed, the throats being white and the edging of color; there is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc.

- 2880 **Mixed Imperial Japanese**, saved from a grand collection which we feel sure will produce results more than equaling our description of this wonderful plant. Per oz., 30 cts. . . . 5
- 2879 **Collection** of nine distinct Imperial Japanese sorts. . . . 50
- 2852 **Coccinea.** Small scarlet flowers in profusion; known as the "Star Ipomœa" 5
- 2851 **Bona Nox** (Evening Glory). Violet, large, fragrant flowers, expanding the evening. 5

- JACOBÆA** (Senecio).
- 2900 **Elegans Fl. Pl.** A showy free-flowering hardy annual. It produces in great profusion branching spikes of bright Cineraria-like double flowers, 1½ inches in diameter, from spring until fall, and will bloom all winter in cool greenhouse. Excellent for bouquets. (See cut.) Mixed colors. . . . 5

LINARIA.
(Kenilworth Ivy, or Mother of Thousands.)

A charming small, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work. (See cut.)

- 2991 **Linaria Cymbalaria.** Lavender and purple. 10
- 2992 — — **Alba.** Very pretty new variety of the trailing "Kenilworth Ivy," differing from the original species by its light-green, glossy foliage and its pure white flowers. It is of vigorous growth, and may either be cultivated as an annual or as a perennial. 15



TYPE OF IMPERIAL JAPANESE IPOMEEAS

- 2854 **Rubro Cœrulea** (Heavenly Blue). Immense flowers of bright sky-blue, very beautiful. . . . 10
- 2853 **Grandiflora** (Moon Flower). At night and during dull days the plants are covered with an abundance of large, pure-white, fragrant flowers, 5 to 6 inches in diameter. It grows very rapidly, and will cover a large surface. Per oz., 75 cts. . . . 10
- 2855 **Setosa** (Brazilian Morning Glory). Flowers 3 inches or more across, of a beautiful rose color, born in large clusters very freely from July to frost. As a quick-growing vine it has no equal, covering an enormous space in a few weeks' time. 5

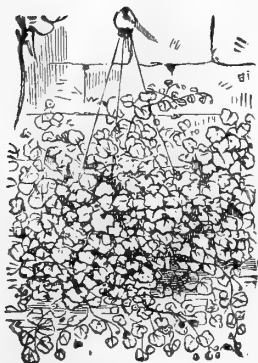
For other varieties of Ipomœas see Cypress Vine, Mina and Convolvulus.

LAVIA ELEGANS.

- 2981 A pretty and attractive little hardy annual that ought to be more generally grown, if only for cut-flower purposes. The rays of the flower-heads are bright yellow, with white tips. The head is as broad as that of a Marguerite, but is more bulky, while the rays are wider, and touch one another closely all around. A bed or mass of this annual produces a fine effect, owing to the quantity of bloom. 5

LAVENDER (Lavandula Spica).

- 2971 Well known, sweet scented, hardy perennial; should be extensively grown in the mixed border; 3 feet. 5



KENILWORTH IVY.



JACOBÆA.



LANTANA.

LOPHOSPERMUM.

Highly ornamental annual climber, with showy foxglove-like flowers. 10 feet. (See cut.)

- 3041 **Lophospermum Scandens.** Rosy purple..... 10

LUPINUS.

Ornamental free-flowering, easily-grown garden plants, with long, graceful spikes of rich and various-colored pea-shaped flowers; valuable for mixed flower borders and beds.

- 3050 **Lupinus. Mixed Annual.** All colors of annual varieties; 2 feet. Per oz., 25 cts..... 5

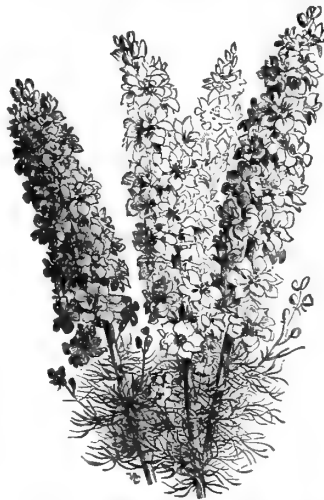
LYCHNIS.

Handsome plants of easy culture, growing in any rich garden soil; for massing in beds and borders, blooming the first year if sown early; hardy perennials.

- 3061 **Lychnis Chalcedonica Coccinea** (*Rose Campion, Jerusalem Cross*). Fine scarlet flowers. 2 feet..... 5
 3062 — **Haageana, Mixed.** Brilliant orange, scarlet, crimson, etc. 1 foot. (See cut.)..... 5



LOPHOSPERMUM SCANDENS.



STOCK FLOWERED LARKSPUR.

LANTANA.

One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads of orange, white, rose and other colored flowers; 2 to 5 feet. (See cut.)

PER PKT.

- 2920 **Lantana, Mixed**..... 10

LARKSPUR.

This is one of the best known of garden flowers. A vast improvement has been effected, by careful selection and attentive cultivation, in size and color of the blossoms and the general habit of the plant. For large gardens, shrubberies, etc., the branching varieties will be found peculiarly well fitted. Hardy annuals. (*For Perennial Larkspurs, see Delphinium, page 72.*)

- 2940 **Larkspur, Dwarf Rocket.** Finest double mixed; 1 foot. Per oz., 30 cts..... 5
 2931 — **Double Dwarf Candelabra Flowered.** Shaped like a candelabra; mixed colors. 1 foot..... 10
 2933 — **Double Stock Flowered.** A tall branching variety, with beautiful long spikes of flowers. 2 feet. (See cut.)..... 5
 2932 — **Emperor** (*Imperial Fl. Pl.*). Of symmetrical bushy habit, with a profusion of brilliant, dark-blue, red-striped and tri-colored flowers 5
 2939 **Imported Collection of Dwarf Rocket Larkspur,** 10 varieties 40
 2938 **Imported Collection of Stock Flowered Larkspur,** 8 varieties 40

LATHYRUS (Everlasting, or Hardy Sweet Pea).

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc., continually in bloom; fine for cutting.

- 2957 **Latifolius Albus.** Pure white, very desirable..... 10
 2956 **Latifolius.** Purplish-red..... 5
 2960 **Latifolius, Mixed.** Purple and white. Per oz., 60 cts.... 5

- 2958 **Splendens.** "The Pride of California." This gorgeous climber is one of the handsomest that can be imagined, well worthy its popular name; produces throughout the season large bunches of brilliant rosy-red blossoms; not entirely hardy, and should be protected through the winter with a liberal covering of straw or litter; or, better still, wintered over in a cold frame or cellar..... 10

LINUM.

One of the most effective and showy bedding plants of long duration, having fine foliage and delicate stems.

- 3002 **Linum Coccineum** (*Sarlet Flax*). Brilliant scarlet crimson; hardy annual. 1 foot..... 5
 3001 — **Flavum** (*Yellow Flax*). Golden-yellow; perennial..... 5



LYCHNIS HAAGEANA. !

SINGLE DAHLIAS are one of the most satisfactory autumn-blooming plants. We offer both seeds and plants. See colored illustration on back cover of this catalogue.

COMMON OR ENGLISH NAMES.

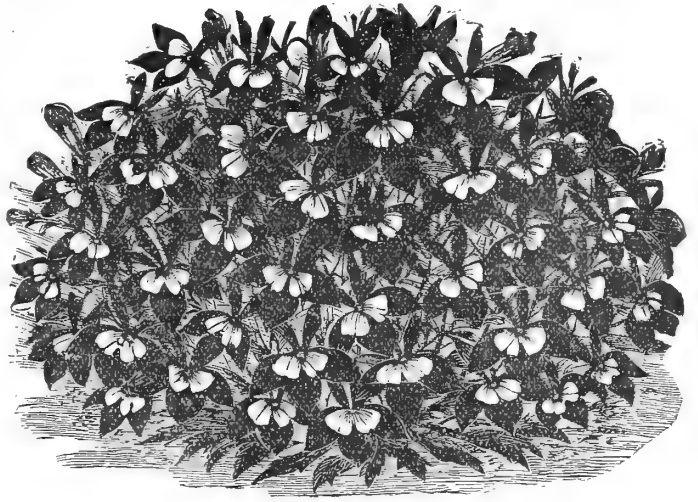
For the convenience of customers who are not familiar with botanical names, we give a very complete list of common or English names of flowers on page 99.

LOBELIA.

The following dwarf and trailing varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November. The hardy perennial varieties are among the most attractive of our garden favorites, producing beautiful spikes of handsome flowers.

COMPACT OR BEDDING LOBELIAS.

- 3012 **Crystal Palace Compacta.** Rich deep blue; the finest for bedding 10 PER PKT.
- 3014 **Heterophylla Major.** We are convinced that this is one of the best for this climate, coming into flower early, standing the heat well and continuing to bloom without interruption until frost. The plant forms dense globular bushes about 6 inches high, completely smothered with flowers which are of very large size, over an inch across, and of a most brilliant sky-blue with a clear white eye 10
- 3011 **Barnard's Perpetual.** Brilliant ultramarine blue, strikingly marked with a pure white blotch at the base of each of the two lower petals; one of the best. (See cut.) 10
- 3015 **Prima Donna.** Dwarf and compact, with rich velvety crimson maroon flowers 10
- 3016 **White Gem.** Forms a perfect ball of snow-white flowers. 10
- 3013 **Emperor William.** A very compact variety, with fine sky-blue flowers 10
- 3020 **Mixed Compacta Varieties** 5



LOBELIA BARNARD'S PERPETUAL.

PERENNIAL LOBELIAS.

- 3031 **Cardinalis** (*Cardinal Flower*). A hardy perennial native variety, with spikes of brilliant scarlet flowers, blooming the first season if sown early; a fine border plant; 3 feet. 10 PER PKT.
- 3032 **Cardinalis Hybrids.** Flowers large and resemble *Cardinalis*, but are of splendid shades of rose, red, lilac, purple, etc.; in bloom from July to October; hardy perennials; 2 feet. (See cut.) 25



HARDY PERENNIAL LOBELIAS.

MAURANDIA.

Beautiful, rapid, slender-growing climbers, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early; 10 feet. (See cut).

- 3126 **Albiflora.** Pure white.. 10
- 3127 **Barclayana.** Purple... 10
- 3130 **Mixed.** All colors..... 5

TRAILING LOBELIAS.

- Trailing varieties suitable for hanging-baskets, vases, etc.; 6 to 10 inches.
- 3023 **Speciosa.** Ultramarine blue 5
- 3022 **Gracilis.** Light blue..... 5
- 3021 **Duplex.** Double blue ... 10

MATRICARIA.

- Free-flowering, hardy plants, succeeding in any garden-soil; a fine bedding plant or for pot culture; blooms until frost; hardy annual; 18 inches.
- 3121 **Capensis Alba Plena** (*Double White Feverfew*). Handsome double-white flowers 10

MARVEL OF PERU.

The well-known "Four O'Clocks." A handsome, free-flowering garden favorite; does well everywhere. (See cut).

- 3110 **Marvel of Peru Mixed.** Beautiful colors; 2 feet. Per oz., 15 cts. 5

MESEMBRYANTHEMUM.

Dwarf trailing plants of great beauty, blooming the whole summer, thriving best in a dry, loamy or sandy soil, requiring a warm, sunny situation; half-hardy annuals; 6 inches.

- 2831 **Crystallinum** (*Ice Plant*). Flowers white; prized for its singular icy foliage. Per oz., 50 cts. 5
- 3142 **Tricolor** (*Wax Plant*). Various colors. 5
- 3141 **Cordifolium Variegatum.** A half-hardy perennial trailing variety, with handsome variegated foliage and bright rose-colored flowers..... 10



MARVEL OF PERU.



MAURANDIA

MARIGOLD.

The African and French Marigolds are old favorites, free-flowering annuals of easy culture; both are extremely effective. The former have uniformly large yellow or orange-colored flowers, and are well adapted for large beds or mixed borders; the latter are dwarf in growth, with beautifully striped flowers, and better suited for bedding purposes or for pot culture; they succeed best in a light soil with full exposure to the sun; half-hardy annuals. See also *Calendula* and *Tagetes*.

AFRICAN VARIETIES.

- | | |
|--|----------|
| | PER PKT. |
| 3083 Pride of the Garden. Immense flowers, densely double. Color, golden-yellow. A feature of this variety is the compact, dwarf habit of the plant, which forms dense bushes 15 to 18 inches high..... | 10 |
| 3081 El Dorado. Flowers very large, imbricated and extremely double. Colors in all shades of yellow..... | 5 |
| 3082 Gold Nugget. Dwarf dense growth and immense double flowers, of a peculiar shade of golden-yellow..... | 10 |
| 3090 Large African. Tall, double, orange, brown and yellow, mixed; 2 feet. (See cut.) Per oz., 40 cts..... | 5 |
| 3088 Imported Collection of Double African, 6 varieties..... | 25 |

FRENCH VARIETIES.

- | | |
|--|----|
| 3091 Gold Striped. Very double dwarf, deep brownish-red, striped golden-yellow. (See cut.)..... | 10 |
| 3100 Dwarf French. Fine colors, mixed; very double; 1 foot. Per oz., 50 cts..... | 5 |
| 3092 Legion d'Honneur ("Little Brownie"). A single flowering Marigold, forming compact bushes 6 inches high. Begins flowering extremely early, commencing in June. The flowers are golden-yellow, marked with a large spot of crimson velvet. (See cut.)..... | 10 |
| 3098 Imported Collection of Double French Marigolds, 6 varieties..... | 25 |



MARIGOLD AFRICAN.

MIMOSA.

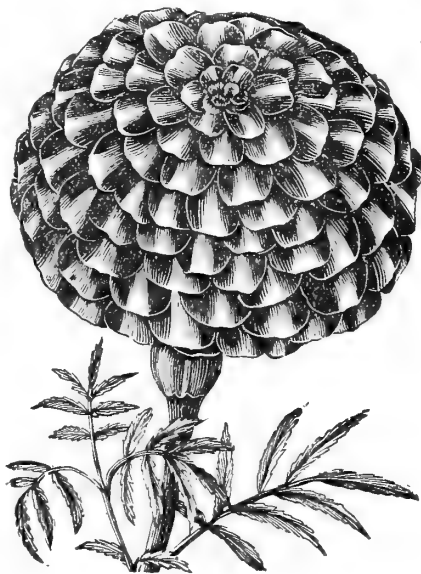
(Sensitive or Humble Plant.)

Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken. PER PKT.
3181 **Pudica.** 1½ feet..... 5

MIMULUS.

Showy, profuse flowering plants, comprising numerous varieties, with white, sulphur and yellow grounds, spotted with crimson, scarlet and pink, fine for greenhouse or moist, shady situations; half-hardy perennials; blooming the first year from seed if sown early; 1 foot.

- | | |
|--|---|
| 3192 Tigrinus (<i>Monkey Flower</i>). Fine mixed spotted varieties.... | 5 |
| 3191 Moschatus (<i>Musk Plant</i>). Fine for hanging-baskets, etc.; small yellow flowers, fragrant foliage..... | 5 |



MARIGOLD, FRENCH, GOLD STRIPED.

MINA.

3201 **Lobata.** Half-hardy Mexican climbing annual. The buds are, at first, of a vivid red; but turn to orange yellow immediately before they open, and when fully expanded the flowers are of a creamy white shade. They are freely produced from the base to the summit of the plant, which attains a height of from 18 to 20 feet, and constitutes a strikingly beautiful object. Seed should be sown in January or February....

3202 **Sanguinea.** A beautiful and rapid growing climber; much finer than the *Mina Lobata*, producing innumerable brilliant blood-red flowers; decidedly one of the best climbers recently introduced. (See cut.)...
See also *Ipomoeas* page 79.



MINA SANGUINA.



MARIGOLD, LEGION D'HONNEUR.



MACHET MIGNONETTE.

- 3158 **Machet.** Well adapted for pot culture; dwarf pyramidal growth, bearing numerous flower stalks; highly colored, and very fragrant; one of the best. (See cut.) Per oz., 75 cts. 10
- 3153 **Golden Machet.** Distinct new variety of the above, of the same compact and robust habit, but differing from the type by its massive spikes of golden-yellow blossoms. 10
- 3156 **Improved Red Victoria.** Fine spikes of brilliant red. A most useful and desirable variety 5

MYOSOTIS (Forget-Me-Not).

Neat and beautiful little plants with starlike flowers; succeeding best in a shady, moist situation; half-hardy perennials; blooming the first year from seed if sown early.

- 3231 **Alpestris Cœrulea.** Bright blue. 6 inches. 5
- 3232 — **Alba.** Pure white. 6 inches 5
- 3233 — **Eliza Fonrobert.** Large flowering; bright blue; remarkably fine and distinct. 5
- 3235 — **Victoria.** Of bushy habit, bearing large bright azure-blue flowers; very fine. (See cut.) 10
- 3236 **Dissitiflora.** Compact habit, profuse bloomer; exquisite blue; an attractive spring bedding plant. 6 inches 10
- 3237 **Palustris.** The true Forget-Me-Not; beautiful blue flowers. 6 inches 10
- 3238 — **Semperflorens.** A charming dwarf Forget-Me-Not, continuing in bloom from early spring until autumn; blue. 8 inches. 10



BALSAM PEAR.

- 3234 **“Star of Love.”** Resembles the well-known Victoria, but is dwarfer and more regular in growth. The color is a true Forget-Me-Not blue 15

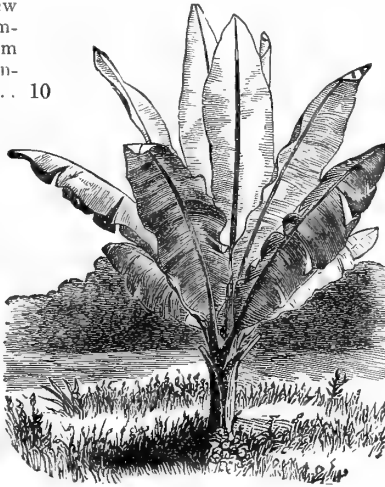
NEMESIA.

- 3391 **Strumosa Suttoni.** Undoubtedly one of the most beautiful annuals. It is remarkable for its free-flowering character, long duration in bloom and astonishing diversity in the color of its flowers 25

MIGNONETTE (Reseda).

A well-known fragrant favorite. If the plants are thinned out they will grow stronger and produce large spikes of flowers; fine for pot or garden culture, and can be had during the whole year by sowing at intervals. PER PKT.

- 3163 **Sweet-scented (Reseda Odorata).** The old variety with small spikes, but very sweetly scented. Per oz., 15 cts. 5
- 3157 **Large-Flowering Pyramidal.** Flowers large, of a reddish tint. Per oz., 25 cts. 5
- 3154 **Golden Queen.** Golden-yellow flowers. Per oz., 50 cts. 5
- 3161 **Parson’s White.** Large spikes, pure white and very fragrant. Per oz., 50 cts. 5
- 3155 **Miles’ Hybrid Spiral.** Of dwarf branching habit, with spikes from 8 to 10 inches long; very fragrant. Per oz., 30 cts. 5
- 3151 **Bismarck.** Spikes of double the size of the popular Machet variety, from which it is a selection; deliciously fragrant; especially recommended for pot culture 15
- 3162 **Salmon Queen.** Strong, robust habit, with fine spikes of bright salmon-red flowers and intensely fragrant; fine for outdoor culture. . 10
- 3152 **Defiance.** When grown under favorable conditions and with proper care, spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of immense size, forming a graceful as well as compact spike. Its great strength is accompanied by extraordinary keeping qualities; the spikes retaining their grace and fragrance until every bud opens. 10
- 3169 **Collection** of 10 varieties of Mignonette. 50



MUSA ENSETE.

MOMORDICA.

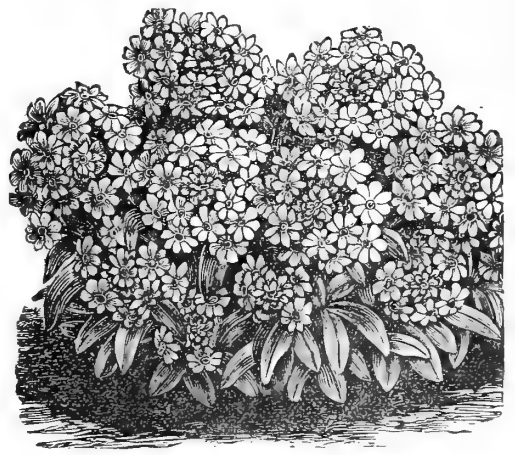
Very curious climbing vines, with ornamental foliage, fruit golden-yellow, warted, and when ripe opens, showing the seed and its brilliant carmine interior; fine for trellises, rock-work, stumps, etc.; annual. 10 feet.

- 3211 **Balsamina (Balsam Apple).** Apple-shaped fruit. 5
- 3212 **Charantia (Balsam Pear).** Pear-shaped fruit. (See cut.) . . 5

MUSA ENSETE.

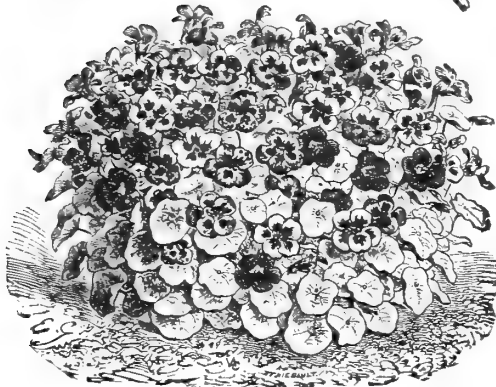
(Abyssinian Banana)

- 3221 A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summer it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse. Tender perennial, 10 to 20 feet. (See cut.) 25



MYOSOTIS VICTORIA.

DREER'S SUPERB NASTURTIUMS.



DWARF CHAMELEON NASTURTIUM.

Tom Thumb, Dwarf or Bedding Varieties.

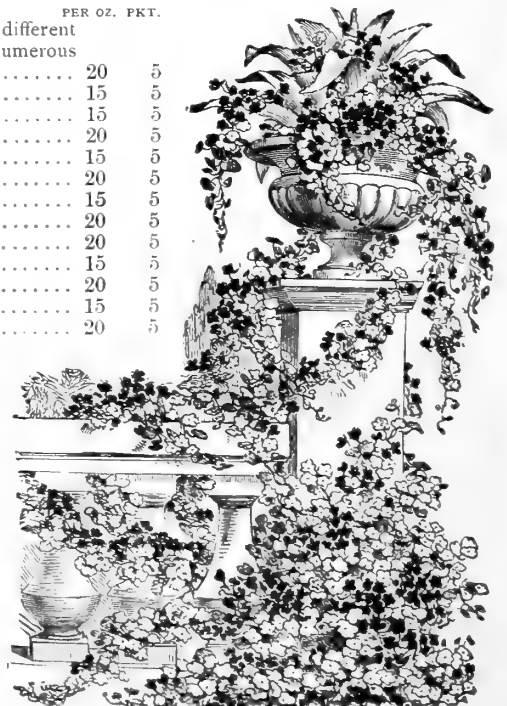
The improved varieties of the Dwarf Nasturtium are among the most popular and beautiful of our garden plants. Their neat, compact growth, rich colored flowers and free-blooming and long-lasting qualities, together with their adaptability to almost any soil or situation, make them unsurpassed for garden decoration. 1 foot.

	PER OZ.	PKT.
3331 Aurora. Primrose to pale pink and carmine.....	20	5
3333 Beauty. Yellow-striped red.....	20	5
3334 Bronze. Coppery bronze.....	20	5
3336 Chameleon. Possesses the peculiarity of producing variously colored flowers on the same plant. The neat, compact bushes form exceedingly fine edgings and are unrivaled for general garden decoration. (See cut.).....	20	5
3337 Cloth of Gold. Scarlet flowers and yellow foliage..	20	5
3338 Crystal Palace Gem. Sulphur, spotted maroon..	20	5
3341 Empress of India. Dark-leaved with crimson flowers	20	5
3343 Golden King. Brilliant yellow.....	20	5
3347 King of Tom Thumbs. Scarlet, dark foliage....	20	5
3346 King Theodore. Dark maroon, bluish-green foliage	20	5
3351 Lady Bird. Orange yellow, red spots.....	20	5
3353 Pearl. Creamy white.....	20	5
3354 Prince Henry. Creamy white, spotted and tipped dark scarlet.....	20	5
3355 Regelianum. Purple violet.....	20	5
3361 Rose. Soft rose, very distinct.....	20	5
3362 Ruby King. Crimson rose.....	20	5
3365 Spotted. Orange spotted crimson.....	20	5
3370 Mixed. Tom Thumb varieties. 1 lb. \$1.25; ¼ lb. 40 cts.	15	5
3369 Imported Collection of Dwarf Nasturtiums, 12 varieties.....		50
3380 Lilliput or Miniature. This is a dwarf compact form of T. Lobbianum. It forms small dense bushes, which are fairly hidden by flowers, the colors of which are very varied, many being new and beautiful shades	25	5

Tall, or Climbing Varieties.

Elegant and luxuriant climbers for verandas, trellises, etc., bearing their gorgeous flowers in profusion 'until killed by frost. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed pods can be gathered while green and tender for pickling. 6 to 10 feet. (See cut.)

	PER OZ.	PKT.
3281 Chameleon. This highly interesting variety produces flowers of different colors on the same plant. The marvelous contrast produced by the numerous blooms, each so conspicuously different, is most charming.....	20	5
3283 Crimson. Color rich and velvety.....	15	5
3282 Chocolate. Unique color.....	15	5
3287 King Theodore. Dark crimson maroon.....	20	5
3291 Lemon Yellow.	15	5
3292 Lilac. Odd shade.....	20	5
3294 Orange. Bright orange blotched red.....	15	5
3296 Pearl. Creamy white.....	20	5
3297 Prince Henry. Cream color, spotted red.....	20	5
3298 Purple. Rich shade of purple-violet.....	15	5
3301 Rose. A fine shade, very attractive.....	20	5
3303 Scarlet. Glowing vermilion.....	15	5
3304 Scarlet and Gold. Foliage yellow; flowers scarlet.....	20	5
3305 Straw. Striped scarlet.....	20	5
3307 Vesuvius. Brilliant fiery rose, very effective.....	25	5
3311 Yellow. Spotted crimson.....	20	5
3320 Mixed. Tall or climbing varieties; a splendid mixture, containing all the different shades. 1 lb. \$1.25; ¼ lb. 40 cts.	15	5
3319 Imported Collection of Climbing Nasturtiums, 12 varieties.....		50
3270 Hybrids of Madame Gunter. These originated with a celebrated French specialist and are a decided advance over the old types. Contains many novel colors, such as odd shades of salmon, pink, rose, reds, yellows, etc., many of the flowers being curiously mottled, striped, etc. Strong growers and very free-flowering.....	15	5



TALL, OR CLIMBING NASTURTIUMS.

See also Lobb's Nasturtium on page 85.

LOBB'S NASTURTIUM (*Tropæolum Lobbianum*).

The brilliance and profusion in blooming of the Lobbianum varieties render them superior for greenhouse or conservatory decoration in winter; also for trellises, arbors and vases, etc., in summer; annuals; 6 to 10 feet. (See cut.)

	PER OZ.	PER PKT.
3252 Brilliant. Dark scarlet	25	5
3256 Spitfire. Brilliant, light scarlet.....	25	5
3255 Roi des Noirs (<i>King of the Blacks</i>). Black maroon	25	5
3251 Asa Gray. Primrose yellow	30	10
3253 Crown Prince of Prussia. Deep blood red.....	25	5
3254 Giant of Battles. Sulphur, with dark red blotches.	25	5
3260 Finest Mixed	15	5
3259 Imported Collection of 12 varieties.....		50



LOBB'S NASTURTIUM.

NEMOPHILA (*Love-grove*).

Of neat, compact habit; blooming freely all summer, if planted in a rather cool, shady place, and in not too rich a soil; hardy annuals. (See cut.)

3400 Mixed. Beautiful mixed varieties.....	Per oz.,	25	5
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NIEREMBERGIA.

(*Cup Flower*.)

A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases, or bedding out; 1 foot.

3421 Nierembergia Fru- tescens. White, tinted with lilac.....	PER PKT.	10
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NIGELLA.

(*Love in the Mist, or Devil in the Bush.*)

A compact, free-flowering plant, with finely-cut foliage, curious-looking flowers and seed pods; of easy culture, growing in any garden soil; hardy annuals; 1 foot.

3430 Nigella Damascena. Blue and white mixed. (See cut.).....	5
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NEMOPHILA.

COLLECTIONS

of old-fashioned
Flowers are offered
on page 57.

PASSIFLORA.

(*Passion Flower*.)

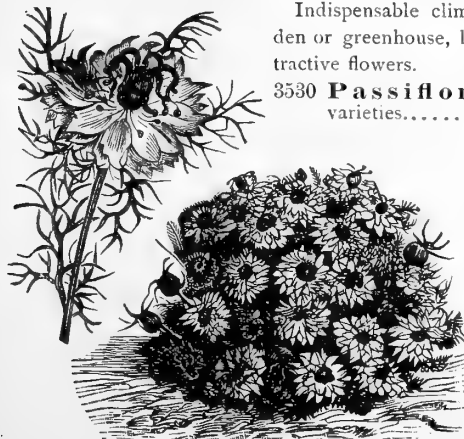
Indispensable climbing plants, for the garden or greenhouse, bearing a profusion of attractive flowers.

3530 Passiflora Mixed. Choice varieties.....	10
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PERILLA.

The foliage of this plant is exceedingly elegant, of a very dark purple color, and produces a charming contrast with silvery-leaved plants; growing freely in any soil; annual; 1½ feet.

3551 Perilla Naukinensis	5
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NIGELLA DAMASCENA.

NICOTIANA.

PER PKT.

3411 Affinis (<i>Tuberose-flowered Tobacco</i>). Delightfully sweet-scented, pure white tubular flowers, blooming continually; annuals 2 to 3 feet. (See cut.).....	5
3412 Colossea. New gigantic foliage plant.....	15

OXALIS.

Beautiful small plants, suitable for the greenhouse, rock-work, or outdoor culture; flowering the first year; blooms in clusters; half-hardy perennial; 9 inches.

3441 Oxalis Alba. White..	10
3442 — Rosea. Rose-colored	10
3443 — Tropæoloides. Very desirable border plant; flowers deep yellow; foliage dark brown.	10



NICOTIANA AFFINIS.

PANSIES.

See colored illustration of our Royal Exhibition Pansies on the front cover of this catalogue.

This attractive plant is too well known to require any description, as it is a favorite with all. For spring flowering the seed should be sown in autumn and protected during the winter. For summer blooming sow seed before the end of March, and plant out where they will be afforded some shade from the noonday sun. Pansies require fresh soil, enriched with decomposed manure.

- 3510 **Dreer's Royal Exhibition.** This strain comprises a beautiful collection of colors and markings, and we are confident it will prove satisfactory for perfection of form, firmness of texture, freedom of bloom, and elegance of coloring. It is the result of many years' careful selection and hybridization, and embraces all the attractive features that tend to make the Pansy the people's flower. (See cut.) $\frac{1}{2}$ oz., \$1 00 50
- 3514 **Dreer's Premium.** Seed saved from first-class flowers only; beautiful colors mixed. $\frac{1}{2}$ oz., 75 cts. 25
- 3513 **Odier (Five-blotched).** A beautiful strain of various colored, large, perfectly formed flowers. $\frac{1}{2}$ oz., \$1.00. 25
- 3512 **Cassier's Giant.** A grand mixture of the finest blotched varieties. 25
- 3511 **Bugnot's Superb Blotched.** A beautiful new class with extra large flowers in great diversity of colors. (See cut.) 50
- 3515 **English Finest Mixed.** Per oz., \$3.00 10
- 3520 **Good Mixed.** All colors. Per oz., \$1.50 5

Giant Trimardeau Varieties.

The largest flowering of all Pansies; robust growers; good range of colors. (See cut).

- 3492 **Striped** 15
- 3491 **Black** 15
- 3493 **White** 15
- 3494 **Yellow** 15
- 3500 **Mixed** 10



BUGNOT'S SUPERB BLOTCHED PANSY.

Imported Collections of Pansies.

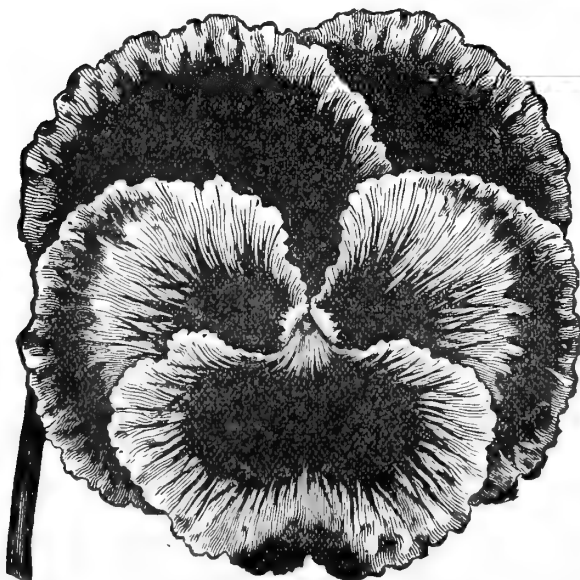
These are made up for us by one of the leading European specialists, and consist of the very best colors for bedding.

- 3508 Six varieties. 40
- 3509 Twelve varieties. 75



DREER'S ROYAL EXHIBITION PANSY.

When wanted for summer flowering Pansies should be sown in early spring. Our Royal Exhibition mixture is the finest of all.



GIANT TRIMARDEAU PANSY.

PANSIES IN SEPARATE COLORS.

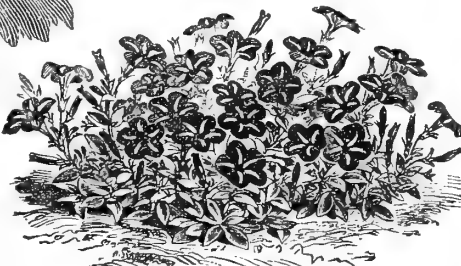
- 3451 **Bronze Colored.** 10
- 3452 **Emperor William.** Brilliant ultramarine blue, with a purple-violet eye. 10
- 3453 **Faust (King of the Blacks).** Almost black; the darkest Pansy known. 10
- 3456 **Gold Margined.** 10
- 3485 **Golden Yellow.** With dark eye. 10
- 3461 **Havana Brown.** 10
- 3462 **Light Blue.** Azure blue with dark eye. 10
- 3463 **Lord Beaconsfield.** Deep purple-violet, shading to white on the upper petals. 10
- 3466 **Mahogany Colored.** 10
- 3471 **Peacock.** A striking variety; the upper petals being of a beautiful ultramarine blue, while the lateral and lower are of a deep claret, with white margins. 15
- 3472 **Purple.** Rich royal purple. 10
- 3475 **Snow Queen (Candidissima).** Very large, satiny white, light yellow centre. 10
- 3476 **Striped.** Beautiful flowers of various shades and stripes. 10
- 3481 **Victoria.** A very effective variety, with rich velvet-like petals of a bright claret color, the nearest approach to a scarlet in Pansies. 15
- 3483 **White,** with dark eye 10
- 3486 **Yellow Gem.** Pure yellow, without eye. 10



DREER'S LARGE FLOWERING FRINGED PETUNIA.

SINGLE VARIETIES.

- 3580 **Dreer's Single Large Flowering Fringed.** PER PKT. Our own saving from finest flowers, of very large size and beautiful shape, deep throated, and of varied and brilliant colors, and beautifully fringed. (See cut.) 25
- 3576 **Giants of California.** Flowers very large, in great variety of colors and markings, with broad, deep yellow throats, veined..... 25
- 3577 **Ruffled Giants.** This new race is the result of years of careful hybridizing and selection by one of the foremost Petunia specialists. The flowers are of extraordinary size and substance, with very deep throat, and distinguished from the large flowering fringed section by the deeper fringing and fluting, giving the appearance as if artificially ruffled. The colors are not surpassed by any other strain, ranging from the deepest plum-purple to the purest white, with all the intermediate shades, which combined with the ruffling make the flowers truly superb..... 25
- 3575 **Miranda.** Introduced by one of the foremost European Petunia specialists. It belongs to the large-flowering fringed section, and in color is a brilliant rosy-carmine, merging into scarlet in the throat, and is believed to be the nearest approach to a true scarlet Petunia yet obtained; worthy a trial..... 25
- 3561 **Dwarf Inimitable.** "Star Petunia," compact growing variety, flowers cherry-red with a white centre. (See cut.)..... 10
- 3562 **Snowball.** A fine compact variety, forming bushes about 8 inches high, and producing its pure satiny-white flowers throughout the entire season. A splendid sort for pots or for bedding..... 10
- 3563 **Pure White.** Desirable for cemetery beds, or where large masses of white are wanted. Grows 12 to 15 inches high. Where a more compact sort is wanted, we recommend "Snowball."..... 10
- 3567 **Striped and Blotched. Mixed.** All colors. Per oz., \$1.00..... 10
- 3570 **Fine Mixed.** Per oz., 75 cts..... 5
- 3579 **Imported Collection of Petunia, Large Flowering Single,** 6 varieties..... 50



DWARF INIMITABLE PETUNIA.

PETUNIA.

For outdoor decoration or house culture few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, only requiring a rich soil and a sunny position.

We have long been celebrated for our magnificent strains of both the single and double varieties, which we endeavor to improve each year by careful selection and hybridization. The past season we tested samples received from the leading Petunia specialists of the world, and we can safely say without fear of contradiction that *our own strain is the best that can be procured from any source.*

DOUBLE VARIETIES.

NOTE.—It is well known that seed saved from the most carefully hybridized flowers produces but a small percentage of double flowers, the balance being singles of unusually fine quality. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers.

PER PKT

- 3590 **Dreer's Superb Double Fringed.** Saved from our own unrivaled collection; will produce a large percentage of double flowers of the largest fringed varieties in bright colors and tints. (See cut.)... 50
- 3587 **Dreer's Double Large Flowering.** Beautiful varieties in mixture..... 25
- 3589 **Imported Collection of Double Fringed.** 6 varieties 75



DREER'S SUPERB DOUBLE FRINGED PETUNIA.

PHLOX DRUMMONDI.

The various varieties of this flower are noted for extreme richness of color, profuseness of blossom and length of duration in bloom. It is one of our finest annuals, and, whether in beds, clumps or masses, looks equally beautiful.

3600 Phlox Drummond, Mixed Colors. Per oz., 50 cts. 5

LARGE FLOWERING OR GRANDIFLORA VARIETIES.

The following six colors were selected by us after a trial of over twenty sorts as being the best, brightest and most distinct for bedding.

- | | |
|--|------------------------------------|
| 3601 Pure White..... 10 | 3603 Deep Rose..... 10 |
| 3604 Brilliant Scarlet.. 10 | 3602 Shell Pink..... 10 |
| 3607 Blood Red..... 10 | 3605 White with Purple Eye..... 10 |
| 3620 Grandiflora Choicest Mixed. Per oz., 75 cts..... 10 | |
| 3619 Imported Collection of 12 Grandiflora Varieties. . . . 75 | |

DWARF PHLOX.

This new strain is of a dwarf, compact habit, and makes desirable pot plants, also for ribbon lines and massing, 6 inches in height.

- | |
|--|
| 3622 Scarlet (<i>Fireball</i>)..... 10 |
| 3624 White (<i>Snowball</i>)..... 10 |
| 3621 Fair Maid. Delicate fleshy pink, shading to a rich crimson in the centre.. 10 |
| 3623 Rose..... 10 |
| 3630 Mixed. Per ¼ oz., \$1 00 10 |
| 3629 Imported Collection of 6 dwarf varieties..... 40 |

DOUBLE PHLOX.

Of recent introduction and are specially desirable for cut flowers, lasting much better than the single sorts. To produce the best results they should be grown in a light soil.

- | |
|---|
| 3637 Yellow. Pale primrose color, slightly perfumed... 10 |
| 3635 Scarlet. Brilliant color, fine bedding sort..... 10 |
| 3636 White. Profuse bloomer; splendid heads of purest white..... 10 |
| One packet each of the three double varieties for 25 cts. |

PERENNIAL PHLOX.

- | |
|--|
| 3641 Hardy herbaceous perennials; all colors mixed; saved from our own unequalled collection..... 10 |
|--|



PENTSTEMON GLOXINIOIDES.

PENTSTEMON.

One of our most beautiful and attractive herbaceous plants; bearing long, graceful spikes of rich-colored flowers; will bloom the first season if sown early and planted out in May; half-hardy perennials; 2 feet.

PER PKT.

- | |
|--|
| 3540 Mixed. Crimson-purple, etc..... 5 |
|--|

- | |
|---|
| 3537 Gloxinioides. Distinct in point of size of flower, individual flowers measuring 2 inches across, variety and brilliancy of color and profusion of bloom. It has been named because of the resemblance of the individual flowers to Gloxinias in their substance, form and variety of coloring. Sown early they come into flower in July and continue a blaze until frost. (See cut.)... 10 |
|---|

STAR PHLOX.

- | |
|---|
| 3640 Star of Quedlinburgh (<i>Star-shaped Phlox</i>). Of dwarf habit, with very pretty star-shaped flowers. A novel and beautiful variety; mixed colors..... 10 |
|---|



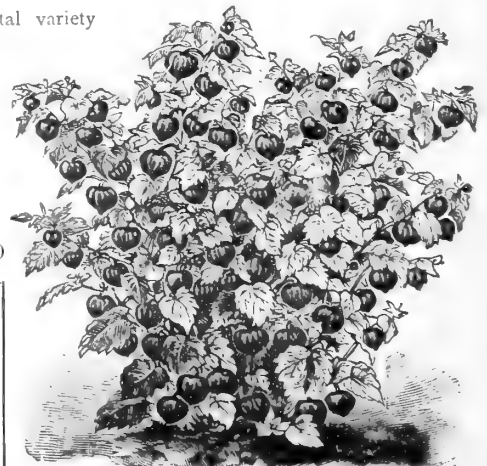
PHLOX DRUMMONDI GRANDIFLORA.

PHYSALIS (Chinese Lantern Plant).

- | |
|---|
| 3651 Francheti. An elegant ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruits, which are said to be superior to the Winter Cherry for cooking, preserving or eating raw, but it is as an ornamental plant that we think it will be most appreciated. (See cut.)..... 10 |
|---|



PHLOX DRUMMONDI NANA COMPACTA.



PHYSALIS FRANCHETI.

COMMON OR ENGLISH NAMES OF FLOWERS.

A very complete list of these will be found on page 99.

POPPIES.

A great advance has been made in recent years in the development of the Poppy, which has brought it into deserved popularity, and it may be safely said that no other flower produces a more brilliant display of color during the blooming period. Annual Poppies should be sown where they are to remain, as they do not stand transplanting.

DOUBLE ANNUAL POPPIES.

- | | PER PKT. |
|---|----------|
| 3711 American Flag. Beautiful variety; flowers very large and double, snow-white, bordered with scarlet..... | 5 |
| 3712 Fairy Blush. Very double flowers of pure white, elegantly fringed and tipped with rose..... | 5 |
| 3715 White Swan. Immense double flowers, beautifully fringed and of purest white..... | 5 |
| 3714 "Mikado" (The Striped Japanese Poppy). This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white with elegantly curved petals, like a Japanese Chrysanthemum..... | 5 |
| 3720 Carnation Flowered. Splendid double fringed flowers, mixed colors. (See cut). Per oz., 20 cts..... | 5 |
| 3730 Pæony Flowered. Large, showy, double, globular flowers, resembling a double Pæony; mixed colors. Per oz., 20 cts..... | 5 |
| 3713 Golden Gate. Comprising an infinite variety of semi-double and double flowers in the greatest variety of colors..... | 5 |
| 3719 Imported Collection of 8 varieties. Double Carnation flowered..... | 30 |
| 3729 Imported Collection of 8 varieties. Double Pæony flowered..... | 30 |

The hardy perennial varieties will be found offered on page 90.

COLLECTIONS
of old-fashioned
Flowers are offered
on page 57.



TULIP POPPY.

SINGLE ANNUAL POPPIES.



DOUBLE CARNATION FLOWERED POPPIES.

- | | PER PKT. |
|--|----------|
| 3691 Danebrog, or Danish Cross. Very showy variety, producing large single flowers of brilliant scarlet, with a silvery-white spot on each petal, thus forming a white cross..... | 5 |
| 3696 Shirley. These charming Poppies are single or semi-double. The range of color, extending from pure white through the most delicate shades of pale pink, rose and carmine to deepest crimson, is so varied that scarcely two are alike, while many are delicately edged and striped. The blooms, if cut when young, will stand for several days without drooping. (See cut). Per oz., 40 cts..... | 5 |
| 3698 Umbrosom. Richest vermilion, with a deep shining black spot on each petal..... | 5 |
| 3692 English Scarlet. The common field Poppy of Great Britain; dazzling scarlet..... | 5 |
| 3694 Flag of Truce. Satiny white flowers, 3 to 4 inches across..... | 5 |
| 3695 Tulip Poppy (Papaver glaucum). A magnificent species from Armenia. The plants grow about 14 inches high and produce from 50 to 60 large tulip-like flowers of dazzling scarlet. (See cut)..... | 10 |
| 3693 Fire Dragon. Very showy and free-flowering, producing flowers of brilliant deep scarlet, with black spots margined white; 2 to 2½ feet..... | 5 |
| 3697 The Bride. A beautiful variety with very large, pure white, perfectly formed flowers. If cut when barely expanded and put in water they will last a long time..... | 10 |
| 3710 Single Mixed. Annual sorts. Oz., 20 cts..... | 5 |
| 3709 Imported Collection of 6 single varieties..... | 25 |



SHIRLEY POPPIES.

The hardy perennial varieties will be found on page 90.

For common or English names of Flowers see page 99.

HARDY PERENNIAL POPPIES.

(Annual Poppies are offered on page 89.)

- | | | |
|------|--|----|
| 3731 | Bracteatum. Very large orange-scarlet flowers. | 5 |
| 3740 | Iceland (<i>P. nudicaule</i>). This is one of the most effective and beautiful. They are perfectly hardy and produce an endless profusion of flowers which are most useful for cutting. They are of a very graceful, neat habit, with bright green, fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches in height, surmounted by yellow, white or orange-scarlet flowers. Mixed colors. | 10 |
| 3733 | — Sulphur. A new variety, bearing bright sulphur-yellow flowers. | 15 |
| 3732 | — Double Scarlet (<i>P. Nudicaule Coccinea Fl. Pl.</i>). A double-flowering form of the beautiful Iceland Poppy, producing double bright orange-scarlet flowers. | 10 |
| 3747 | Orientele (<i>The Large Oriental Poppy</i>). A charming summer flowering plant, producing numerous leafy stems about 2½ feet high, which are covered with deep crimson flowers, having a conspicuous black blotch on each petal. This is one of the most showy and useful of this interesting and popular family. | 10 |
| 3750 | Orientele Hybrids. Beautiful new hybrids of the Oriental Poppy, producing flowers of immense size, 6 inches and over in diameter and of many novel colors, such as salmon, pink, cherry, etc. (see cut) | 15 |

PER PKT.



PORTULACA.

(Sun Plant.)

One of our finest hardy annual plants, of easy culture, thriving best in a rather rich, light loam, or sandy soil, and luxuriating in an exposed, sunny situation; the flowers are of the richest colors, and produced throughout the summer in great profusion; fine for massing in beds, edgings or rock-work; 6 inches.

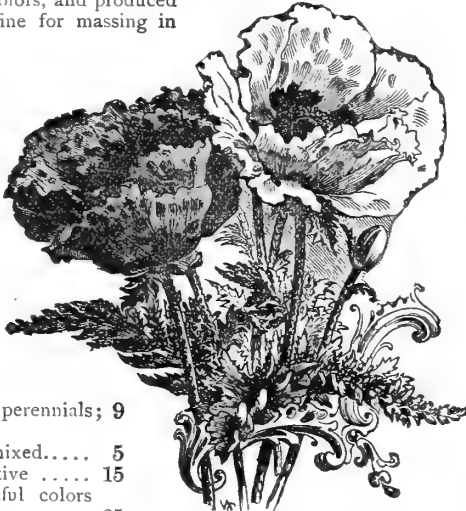
- | | | |
|------|--|----|
| 3770 | Single Mixed Colors. Per oz., 30 cts. | 5 |
| 3768 | Grandiflora Compacta. A new single variety which, on account of its compact habit, should prove a valuable plant for edging, etc. Mixed colors. | 10 |
| 3760 | Double Mixed. Flowers perfectly double, of the most brilliant scarlet, crimson, white, yellow, etc. (See cut.) Per ¼ oz., 75 cts. | 10 |
| 3759 | Imported Collection of 8 double varieties. | 50 |

POLYANTHUS.

(Primula Elatior.)

Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches.

- | | | |
|------|---|----|
| 3680 | English. The best single, all colors mixed. | 5 |
| 3676 | Gold Laced. Very showy and attractive | 15 |
| 3675 | Duplex. Double hose-in-hose, beautiful colors mixed. | 25 |



ORIENTALE HYBRID POPPIES.

PLATYCODON JAPONICUS FL. PL.

Platycodon, or Wahlenbergia.

(Chinese Bell Flower.)

Hardy perennials, producing very showy flowers during the whole season. They form large clumps, and are excellent for planting in permanent borders or among shrubbery.

- | | | |
|------|---|---|
| 3663 | Grandiflorum. Mixed. Blue and white. | 5 |
| 3662 | Mariesi. Large, open, bell-shaped flowers of a rich violet blue, beautiful, plant dwarf and compact. | 5 |
| 3661 | Japonicus Fl. Pl. (<i>Double Japanese Bell Flower</i>). This new variety is of stronger and bushier growth than the well-known <i>Grandiflorum</i> , wonderfully free- | |

flowering, every branch being covered with large glossy deep-blue flowers. The inner petals alternate with the outer ones, giving the flower the appearance of a ten-pointed blue star. (See cut.) 15

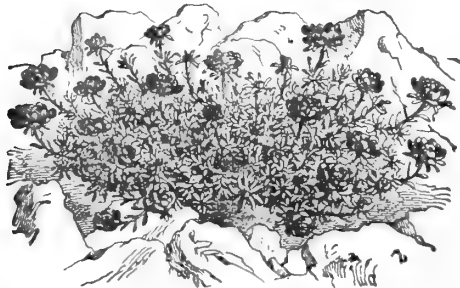
PYRETHRUM.

Handsome herbaceous plants of easy culture. *P. Aureum* is the well-known Golden Feather so much used for carpet bedding, edging, etc. *P. Hybridum* and varieties are amongst the handsomest of hardy flowering herbaceous plants.

- | | | |
|------|---|----|
| 3841 | Aureum (<i>Golden Feather</i>). Bright yellow foliage. (See cut.) Oz., 50 cts. | 5 |
| 3842 | Selaginoides. Beautiful variety with golden moss-like foliage. | 10 |
| 3847 | Roseum (<i>Persian Insect Powder Plant</i>). Bright rose, 1½ feet. | 10 |
| 3846 | Hybridum. Large flowering single mixed. Hardy perennial, bearing large Aster-shaped flowers, ranging in color from light pink to deep red, with bright yellow centres; 2 feet. | 10 |
| 3845 | Hybridum Fl. Pl. Large Flowering Double Mixed. Beautiful colors, mixed; 1½ feet. | 25 |



PYRETHRUM AUREUM.



DOUBLE PORTULACA.



DREER'S CHINESE PRIMROSES.

VARIOUS PRIMULAS.

The following varieties are of the easiest culture in greenhouse or light window of dwelling-house, flowering abundantly and continuously with little care.

3826 Obconica Grandiflora. A profuse blooming Primrose, bearing on long stems heads containing 10 to 15 flowers. Pure white, shading occasionally to lilac. 10

3827 Obconica Fimbriata. A fringed variety of the above, and, like that sort, is a most profuse-flowering and easily grown variety. The flowers are as finely fringed as the Chinese Fringed Primrose, and are very fragrant (see cut). 25

3823 Forbesi (Baby Primrose). This is the freest flowering Primula we know of. The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing until October, when the flowers may be allowed to develop, and from then on until late in spring they produce their sprays of beautiful rosy lilac flowers in seemingly never-ending profusion. (See cut.) 25

3822 Floribunda. Of the same general character as *Obconica*, differing only in color of the flower, which is a lovely shade of yellow. 25



PRIMULA CORTUSOIDES AMÆNA.

PRIMULA.

This charming and beautiful flowering plant is indispensable for winter or spring decorations in the home or conservatory. It is one of our most important winter-blooming pot plants. The seed we offer is of the highest merit, and has, as usual, been saved from the best strains of English and Continental growth. Florists and others report that they have never seen finer flowers than those produced from our seed. Sow in March, April or May.

LARGE-FLOWERING SINGLE-FRINGED CHINESE PRIMROSES.

- | | |
|--|----------|
| | PER PKT. |
| 3781 White. Finely fringed. | 25 |
| 3788 Red. Deep red, fringed. | 25 |
| 3782 Alba Magnifica. The finest pure white, with bright yellow eye, beautifully fringed. | 50 |
| 3783 Chiswick Red. Large brilliant scarlet. The brightest of all | 50 |
| 3787 Rosy Morn. Beautiful delicate pink; exquisitely fringed. | 50 |
| 3786 Punctata Elegantissima. Crimson, spotted white. | 25 |
| 3785 Kermesina Splendens. Rich crimson, yellow eye. | 25 |
| 3784 Holborn Blue. Unique shade. This variety requires more heat for its successful culture than the other varieties. | 50 |



PRIMULA OBCONICA FIMBRIATA.

3790 Robusta Grandiflora. An extra strong growing strain producing enormous trusses of extra large finely fringed flowers; mixed colors 50

3791 Fern-Leaved. Finest Mixed 25

3800 Dreer's Choicest Mixed. This mixture contains nothing but the finest sorts and cannot fail to give entire satisfaction. (See cut.) 25

DOUBLE-FRINGED CHINESE PRIMROSE.

The following Double-fringed Chinese Primroses are very fine and can be highly recommended.

3808 Alba. Double white. 50
3810 Double Mixed. All colors. 50



PRIMULA FORBESI.

Hardy Primroses.

These are among the best of the early spring blooming plants. With a slight protection they will stand the winter, but do better if protected by a cold frame.

3821 Cortusoides Amœna. Charming variety, bearing dark crimson flowers with distinct white eye. (See cut.) 10

3825 Japonica (Japanese Primrose). Bright and showy flowers, borne in whorls on stems 6 to 9 inches long; mixed colors. The seed we offer has been procured direct from Japan. 10

3830 Vulgaris. The common yellow English Primrose; flowers fragrant and of a light canary-yellow color. 10

See also **Auricula, Cowslip and Polyanthus.**



RICINUS ZANZIBARENSIS.

RICINUS (Castor Oil Bean).

Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing a sub-tropical effect; fine for lawns, massing, or centre plants for beds.

		PER OZ.	PER PKT.
3861	Borboniensis. Very large and beautiful green foliage. 15 feet	15	5
3863	Gibsoni. Dwarf branching habit, deep red foliage. 5 feet	15	5
3862	Cambodgiensis. The main stem and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effects may be obtained when planted in groups. 5 feet.....	20	5
3864	Philippiensis. A variety from the Philippines, with beautiful gigantic foliage. 10 feet.....	15	5
3865	Sanguineus. Blood-red stalks and clusters of red fruit. 8 feet.....	15	5
3870	Zanzibarensis. A new and distinct class which surpass in size and beauty all the varieties hitherto known. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery bronze changing to dark green, with reddish ribs. The seeds are quite distinct in color and beautifully marked. (See cut.).....	20	5
3880	Mixed. All sorts, old varieties.....	15	5

3879 **Imported Collection** of 8 distinct varieties..... 30

RHODANTHE.

(Swan River Everlasting.)

3860 **Rhodanthe, Mixed.** A charming annual; succeeds in a light, rich soil and a warm sheltered situation; valuable for pot culture; flowers everlasting. 1 foot..... 5

ROSE.

3890 **Dwarf Polyantha or Fairy.** Beautiful miniature roses, easily raised from seed to produce plants that will bloom freely the first summer. They are of dwarf, compact growth, free and ever-blooming. Entirely hardy



DWARF POLYANTHA, OR FAIRY ROSE.



SAINTPAULIA IONANTHA.

and most desirable for summer bedding or for pot culture in winter..... 15

RUBBECKIA (Cone Flower).

- 3901 **Bicolor Superba.** Fine free-flowering annual variety, growing about 2 feet high, forming a dense bush and producing in great abundance on long stems its bright flowers. The disc is brown, the florets golden-yellow, with large velvety-brown spots at the base; a coloring very similar to the Gaillardia Grandiflora or Legion d' Honneur Marigold; very effective and useful for cutting. (See cut.)..... 15
- 3902 **Newmani.** One of the finest of autumn-flowering perennials, bearing large flowers. Bright yellow petals surrounding a large black cone; a showy flower..... 10

SAINTPAULIA IONANTHA.

3911 Charming stove plants; forms a flat rosette of deep green, hairy leaves, which are similar in form to those of the Gloxinias, but smaller in all parts. The flower stems are crowned by beautiful deep blue flowers, bearing a close resemblance to those of our sweet-scented Violet. A well-established plant will bloom continually throughout the year. (See cut.)..... 25



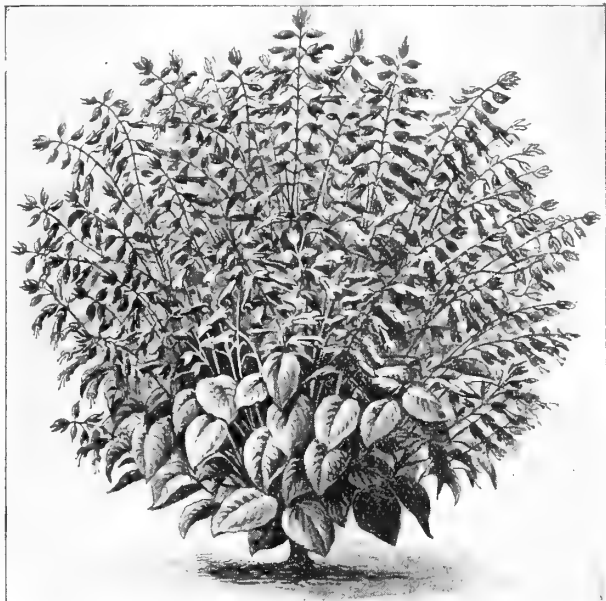
RUBBECKIA BICOLOR SUPERBA.

For the convenience of customers who are not familiar with botanical names, we give on page 99 a very complete list of the Common or English names of the Flower Seeds offered in this catalogue.

SALVIA (Flowering Sage).

A favorite greenhouse and bedding plant, bearing long spikes of flowers in great profusion from July till frost; half-hardy perennials, blooming the first year from seed.

- PER PKT.
- 3935 **Salva Splendens** (*Scarlet Sage*). Beautiful bright scarlet. $\frac{1}{4}$ oz., 50 cts. 5
 - 3932 **"Bonfire"** (*Clara Bedman*). This is one of the finest Salvias ever introduced. It differs from all others, growing in a compact bush, about 2 feet high by 2 feet in diameter. Its erect spikes of flowers of brilliant scarlet stand clear above the dark-green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation. (See cut.) 10
 - 3933 **"Burning Bush"** (*Salvia Splendens Grandiflora Prostrata*). This variety makes a compact bush about 2 $\frac{1}{2}$ feet high, and produces long drooping spikes of brilliant scarlet flowers, thrown well above the foliage, that make a dazzling effect when grown in groups in a bed or border. 10
 - 3934 **New Crimson**. This is a sport from *Splendens*. It is of similar habit, differing only in color, which is a peculiar lustrous crimson, and while we do not claim for it the brilliancy of its parent, yet it is so distinct that we believe there is plenty of room for it. 15
 - 3931 **Patens**. Superb deep blue 15



SALVIA "BONFIRE"

SCHIZANTHUS.

(Butterfly, or Fringe Flower.)

- 3970 A splendid annual, combining elegance of growth with a profusion of rich and various colored flowers, fine for greenhouse decoration and the flower garden; of easy culture; mixed colors. 5



SWEET SCABIOUS.

Salpiglossis.

(Painted Tongue.)

The Salpiglossis is one of the greatest favorites among annuals, partly because of its easy culture, but principally for its beautiful, almost orchid-like flowers, which it produces from early summer until late fall.



EMPEROR SALPIGLOSSIS.

- PER PKT.
- 3920 **Large Flowering Mixed**. A splendid variety of colors, flowers of good size 5
 - 3921 **Emperor**. This new variety forms only one leading stem, and bears on its summit a veritable bouquet of the most beautiful flowers, each one richly veined with gold, and much larger than the finest of the "Grandiflora" type. (See cut.) 15
 - 3919 **Imported Collection** of six large flowering sorts. 30

SCABIOSA.

(Mourning Bride, or Sweet Scabious.)

One of our handsomest summer border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc.; hardy annual. (See cut.)

- 3960 **Tall Mixed**. Double, all colors. 2 feet. Oz., 30 cts. 5
- 3950 **Dwarf Mixed**. Double, all colors. 1 foot. Oz., 30 cts. 5
- 3944 **Double White** (*Snowball*). 2 feet. 5
- 3943 **Double Yellow**. Double flowers of a very fine golden yellow. 10
- 3941 **Caucasica**. One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac blue. 3 feet. 10
- 3949 **Imported Collection** of 6 dwarf double varieties. 25

DREER'S SELECT LIST OF SWEET PEAS.



There is at present in commerce nearly 150 varieties of Sweet Peas—entirely too many—and it would be next to impossible for anyone but an expert to select out of this vast number a selection that would contain nothing but varieties combining the highest development in size, form, color and growth.

After exhaustive trials we have reduced the list to less than 50 standard varieties, and feel safe in saying that there is not a single one offered below which does not belong in a first-class collection.

Culture. The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good, strong growth before the warm weather comes. As the flowers come into full bloom or fade, they should be cut off, for if the pods are allowed to form the plants will stop blooming. Full instructions for planting will be found in the book "All About Sweet Peas" (Hutchins), price 20 cents, postpaid. Sent free on an order for Sweet Peas amounting to \$2.00.

		PER OZ.	PER PKT.
4061 America. Bright blood-red, striped white.....	10	5	
4062 Apple Blossom. Rosy pink, with blush wings....	10	5	
4063 Aurora. Orange salmon, flaked and striped white, extra large (see cut).....	10	5	
4070 Black Knight. Very dark maroon.....	15	5	
4071 Blanche Burpee. Large, pure white.....	10	5	
4072 Blanche Ferry. The popular pink and white, very free flowering.....	10	5	
4073 Blanche Ferry, Extra Early. Same color as preceding, but flowers 10 days earlier.....	10	5	
4081 Capt. of the Blues. Bright purple-blue.....	10	5	
4082 Captivation. Rosy purple, a distinct shade	10	5	
4083 Celestial. Delicate lavender.....	10	5	
4084 Coquette. Primrose, tinged with blush and lilac.....	10	5	
4085 Countess of Radnor, Improved (New Countess). Beautiful pale lavender.....	10	5	
4086 Crown Jewel. Creamy white, tinted and veined violet rose.....	10	5	
4092 Dorothy Tennant. Deep mauve.....	10	5	
4093 Duke of Clarence. Bright rosy claret; a fine dark sort.....	10	5	
4101 Eliza Eckford. White shaded and edged light pink.....	10	5	
4112 Emily Eckford. Bright shade of heliotrope	10	5	
4103 Emily Henderson. Purest white; fine bold flowers.....	10	5	
4104 Emily Lynch. Rosy pink, shaded primrose	10	5	
4122 Gorgeous. Bright orange, wings deep rose	15	5	
4123 Grey Friar. White ground watered with blue-grey.....	10	5	
4131 Her Majesty. Beautiful bright rose.....	10	5	
4140 Juanita. White ground, delicately lined lavender.....	10	5	
4151 Katherine Tracy. Soft yet brilliant pink, vigorous grower.....	10	5	
4161 Lady Mary Currie. Bright orange pink, very showy.....	15	5	
4162 Lady Penzance. Orange pink, wings pure pink.....	10	5	
4163 Lottie Eckford. White shaded and edged lavender.....	10	5	
4164 Lottie Hutchins. Pale primrose, flaked light pink.....	10	5	
4165 Lovely. Soft shell-pink, an exquisite color	10	5	
4171 Maid of Honor. White edged with lav- ender blue.....	10	5	
4172 Mars. Brilliant deep scarlet.....	10	5	
4175 Modesty. Blush or soft pink, the lightest pink of all.....	10	5	
4176 Monarch. Purplish maroon or bronzy crimson	10	5	
4177 Mrs. Eckford. Pale primrose yellow, extra fine.....	10	5	
4178 Mrs. Jos. Chamberlain. Rosy pink, finely striped white.....	10	5	
4179 Mrs. Sankey (Black Seed). Pure white; fine, bold flowers.....	10	5	
4183 Navy Blue. Deep violet blue; the finest blue yet introduced.....	25	10	
4201 Prima Donna. Soft pink; a fine shade and grand flower.....	10	5	
4202 Prince Edward of York. Cherry red and crimson.....	15	5	
4203 Prince of Wales. Bright rose pink; a superior variety.....	15	5	
4211 Queen Victoria. A black-seeded prim- rose yellow.....	10	5	
4221 Ramona. White splashed and flaked pale pink	10	5	
4223 Royal Rose. Deep rosy pink, wings lighter; one of the largest.....	10	5	
4231 Salopian. Deep scarlet or cardinal; the best red.....	10	5	
4232 Senator. Chocolate, striped white.....	10	5	
4233 Shahzada. Deep maroon, wings indigo; a very dark variety.....	10	5	
4234 Stanley. Rich dark maroon.....	10	5	
4235 Stella Morse. Primrose, tinged blush, effect a rich cream color.....	10	5	
4241 Venus. Light salmon suffused with buff....	10	5	

SWEET PEAS in MIXTURES, also DWARF or CUPID varieties are offered on next page.

Our "Incomparable" Collection of Sweet Peas, also new varieties, are offered on page 10.

MIXED SWEET PEAS.

With the exception of the American Hybrids all of the mixtures offered below have been made up by ourselves out of the finest named varieties, insuring a satisfactory result in color, and must not be confounded with cheap grades which are harvested in mixture and always contain a large proportion of dull and undesirable colors. It is undeniable that when cut Sweet Peas look much better when the various colors are kept separate; we therefore also offer mixtures made up of such shades as harmonize together.

- 4254 **Pink Shades.** Light to deep pink.
- 4255 **Red Shades.** Cherry red to dark scarlet.
- 4256 **Lavender and Blue Shades.** Pale lavender to mauve.
- 4257 **Purple and Maroon Shades.** All the dark colors.
- 4258 **White and Primrose Shades.** All the delicate colors.
- 4259 **Striped Sorts.** Various colors.

Price any of the above, 10 cts. per oz.; 25 cts. per 1/4 lb.; 75 cts. per lb.

4250 **Eckford's Large Flowering Mixed.** Contains some of each of the entire list of varieties. No finer mixture is possible, and cannot fail to give satisfaction to the most critical. Per pkt., 5 cts.; oz., 10 cts.; 1/4 lb., 25 cts.; lb., 75 cts.

4252 **American Hybrids, Mixed.** These were produced by crossing some of the finest large flowering kinds which resulted in their "breaking" into innumerable sorts, mostly shades of pink, from which several fine new varieties have already been selected. A grand mixture in every way. Pkt., 5 cts.; oz., 10 cts.; 1/4 lb., 30 cts.; lb, \$1.00.

4251 **Fine Mixed.** Made up of good standard varieties. Per oz., 5 cts.; 1/4 lb, 15 cts.; lb., 50 cts.

4253 **Double Flowering Mixed.** Under favorable conditions these will produce a large percentage of double flowers. Pkt., 5 cts.; oz., 10 cts.; 1/4 lb., 25 cts.; lb., 75 cts.



ECKFORD'S MIXED SWEET PEAS.

Cupid, Dwarf or Bedding Sweet Peas.

We were delighted with the fine showing made by the various varieties of this class the past summer. Sown as a border they form a line of emerald-green foliage a little over a foot wide and from 5 to 6 inches high, and from June until late summer are literally a sheet of bloom, from the fact that they cover the ground so closely they are not so apt to suffer from drouth as the tall sorts. Excellent also for pot culture. (See cut.)



CUPID SWEET PEA—BEAUTY.

- 4265 **Pink.** Pink and white, like Blanche Ferry..... 20 5
- 4266 **Primrose.** Pale primrose..... 25 10
- 4268 **White.** Pure white..... 15 5

Three new Cupid Sweet Peas have been introduced this year. We offer the same on page 9.

4269 **Collection** of 8 varieties Cupid Sweet Peas made up of the 5 sorts offered above and the 3 new sorts offered on page 9 for 75 cts.

SMILAX (Myrsiphyllum Asparagoides).

3981 In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorn the greenhouse or conservatory; for bouquets and floral decoration it is indispensable. Soak the seed in warm water twelve hours and plant in pots, in hot-bed or greenhouse, in February, and keep in moist place. Tender perennial climber; white; 10 feet. Per oz., 50 cts. 10

SOLANUM.

3991 **Capsicastrum** (*Jerusalem Cherry*). This is a very useful pot plant for winter decoration. It is of dwarf branching habit; leaves small and oval-shaped; bearing in the greatest profusion bright scarlet globular berries. Very ornamental; 1 foot. 10

STEVIA SERRATA.

4001 Free-blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming..... 10



SOLANUM CAPSICASTRUM.

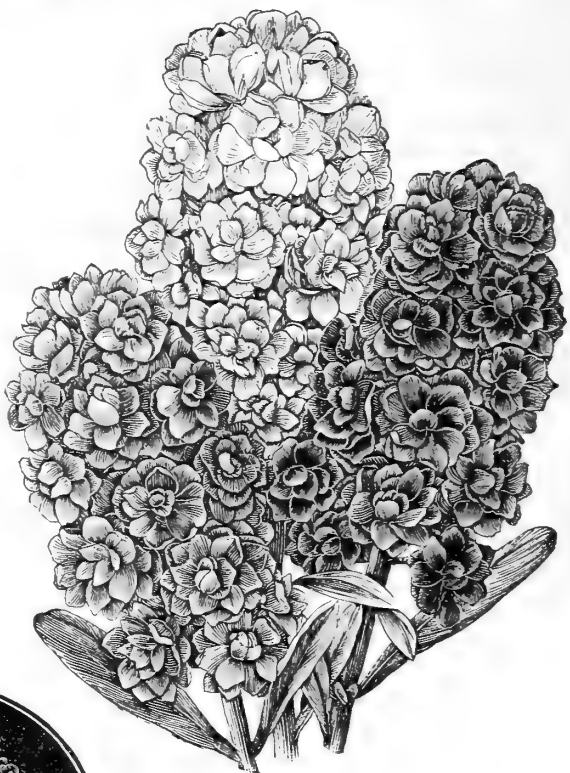
If you wish the very finest Sweet Peas, get our "Incomparable" Collection offered on page 10.

STOCKS (Gilliflower).

The Stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color or profusion and duration of bloom it is unsurpassed. Fragrant.

Large Flowering Dwarf Ten-Week Stock.

- | | | | |
|---|----------|--------------------------------------|----------|
| 4011 Blood Red 10 | PER PKT. | 4015 Purple 10 | PER PKT. |
| 4012 Crimson 10 | | 4016 Pure White 10 | |
| 4013 Light Blue 10 | | 4014 Bright Pink 10 | |
| 4020 Mixed . Double large flowering. 5 | | | |
| 4019 Imported Collection . Large flowering. 12 varieties 75 | | | |
| 4018 — — — 6 varieties. 40 | | | |
| 4030 Wallflower-Leaved Ten Weeks . Finest mixed 10 | | | |
| 4028 Wallflower-Leaved White 10 | | | |
| 4027 Snowflake . A dwarf variety, with large double snow-white flowers; fine for pot culture 10 | | | |
| 4041 Princess Alice (<i>Cut and Come Again</i>). A fine perpetual blooming Stock. If sown early, it commences blooming in June and continues until frost. Its most valuable feature is that it provides flowers during September and October, when other varieties have faded. It throws out numerous side branches bearing clusters of very double pure white fragrant blossoms, and is excellent for cutting. (See cut) 10 | | | |
| 4043 Intermediate (<i>Autumnal Flowering</i>). Choice double flowers; mixed. 10 | | | |
| 4042 Brompton . Half-hardy biennial, bushy plants producing a beautiful display of double flowers; mixed colors; 2 feet. 10 | | | |
| 4049 Imported Collection, Perpetual . 6 varieties. 50 | | | |



LARGE FLOWERING TEN WEEK STOCKS.

SWEET WILLIAM.

(London Tufts.)

A well-known attractive free-flowering hardy perennial, producing a splendid effect in beds and shrubbery with their rich and varied flowers; 1½ feet.

- 4291 **Auricula-Flowered**. A beautiful class of single varieties, all colors. 5
- 4292 **Single Mixed**. Oz., 25 cts. 5
- 4297 **Double Mixed**. Oz., 50 cts. 5
- 4296 **Giant Double**. A decided improvement. The plants are of robust, bushy habit, producing numerous stems surmounted by immense umbels of full double flowers, many of the individual flowers measuring over 1 inch in diameter. The colors are extremely varied. 15



STOCK PRINCESS ALICE.

SWEET SULTAN.

- 4281 **Yellow** (*Centaurea Suaveolens*). PER PKT.
Very showy hardy annual, 1½ feet high, bearing large bright-yellow flowers; sweetly scented; a fine cut-flower. 5

GIANT FLOWERING SWEET SULTANS.

These will be found offered with other Centaureas on page 68. Do not overlook the magnificent Imperial Centaureas offered on page 6. They represent the highest development in this flower to date.



SWEET WILLIAM.

SWEET ROCKET.

(Hesperis.)

4278 Old-fashioned garden plant and among the most desirable of hardy flowers, also known as Dame's Rocket and Dame's Violet; grows from 2 to 3 feet high, and bears spikes of showy white, lilac and purple fragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border. Mixed colors. (See cut.) Per pkt., 5 cts.



SWEET ROCKET.

A list of Common or English names of Flowers is given on page 99.

TAGETES SIGNATA PUMILA.

PER PKT.

4301 A dwarf, compact, bushy annual Marigold, with beautiful, delicate, fern-like leaves, densely covered with flowers of bright yellow, striped brown; a first-rate border plant 5

THUNBERGIA (Black-Eyed Susan).

4310 Beautiful, rapid-growing annual climbers, thriving in a light, rich loamy soil, in warm situations in the garden, and used extensively in hanging-baskets, vases, etc.; very pretty flowers in buff, white, orange, etc., with dark eyes; mixed colors; 4 feet. Per oz., 50 cts. 5

TORENIA.

A very fine annual, a splendid plant for vases, hanging-baskets, or for growing out of doors; they are covered the entire season with one mass of bloom. The new giant flowering varieties are especially fine.

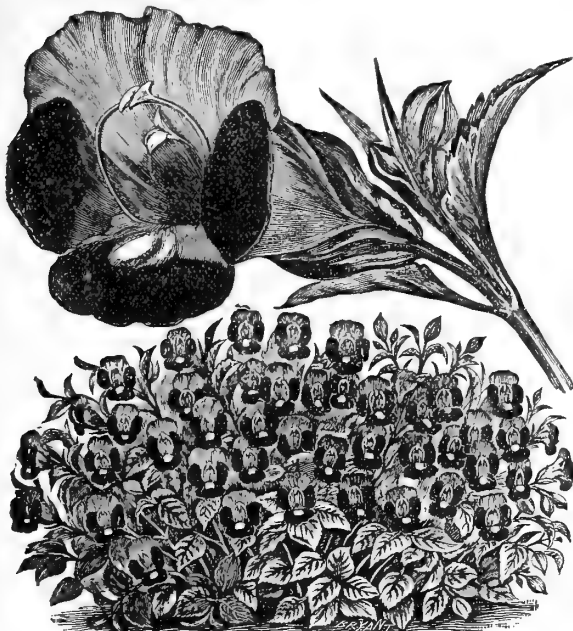
4322 **Fournieri.** Sky-blue flowers, with three spots of dark blue, bright yellow centre. 10
 4323 **White Wings.** Blush white. 15
 4321 **Bailloni.** Bright golden-yellow with a brownish-red throat. 10

The following 3 Giant Flowering Torenias will be found fully described on page 8:

4324 **Princess of Montenegro.** (See cut.) 15
 4325 **The Bride.** 25
 4326 **Violetta.** 25

VALERIANA (Garden Heliotrope).

4340 Very showy, hardy border plants, growing in any garden soil, doing well in the shade; producing large corymbs of flowers; fine for bouquets; red and white mixed. 2 feet 5



TORENIA PRINCESS OF MONTENEGRO.

VERBENA HYBRIDA.

Dreer's Mammoth. We have been carefully selecting and improving this fine strain of Verbenas for several years past, and now offer it in separate colors as well as in mixture, and can recommend it as the very best in the market. The flowers are of the largest size, of brilliant colors; free-blooming and of vigorous habit. (See cut.)

	PER PKT.
4355 White	10
4353 Scarlet	10
4354 Striped	10
4360 Mixed. Per oz., \$2.00	10
4359 Collection of Mammoth Verbenas, 5 varieties	40
4361 Fine Mixed. All colors of the older sorts. Per oz., \$1.00	5

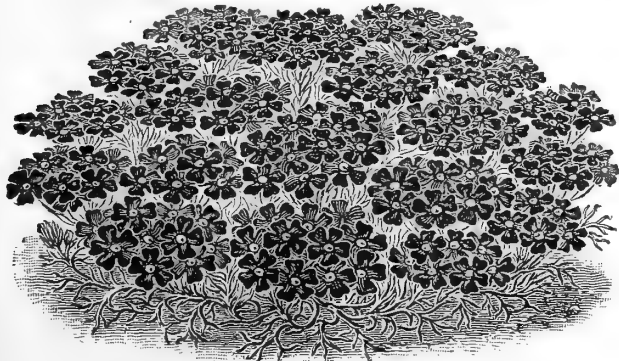
VARIOUS VERBENAS.

- 4366 **Lemon Verbena** (*Aloysia Citriodora*). Every garden should have a few plants of this fragrant favorite. Its pale green foliage goes well with any flower 10
- 4365 **Erinoides** (*Moss Verbena*). This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet, above which are borne heads of purplish-blue blossoms in lavish profusion; comes into flower in June and continues incessantly until November. For beds, baskets or rockeries it is highly desirable. 10
- 4367 **Venosa** (*Hardy Garden Verbena*). This variety is largely used in Europe for bedding purposes. It is a strong, thrifty grower, about 1 foot high and covered from early summer until late fall with its bright purplish-heliotrope flowers. 5

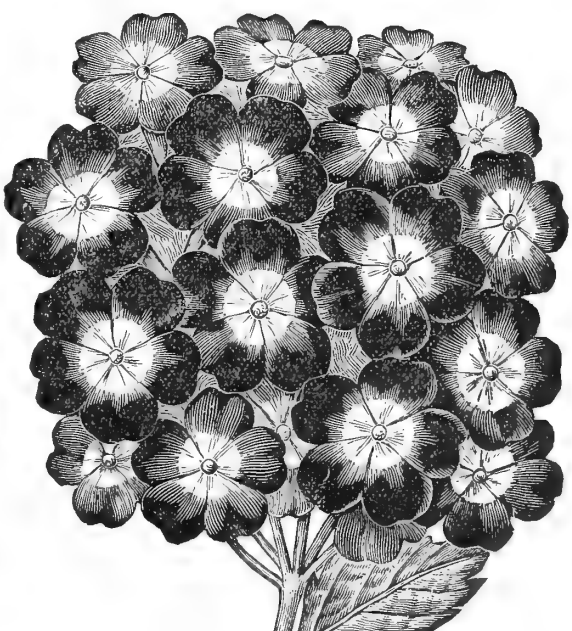


THUNBERGIA.

OLD-FASHIONED FLOWERS.
 We offer collections of both annual and perennial varieties. See page 57.



VERBENA ERINOIDES.



MAMMOTH VERBENA.



VINCA ALBA.

XERANTHEMUM.
(Everlasting.)

- 4430 **Superbissimum, Mixed.** PER PKT.
Showy double free-flowering border annuals. If the flowers are cut in the bud state they may be dried and used for winter bouquets..... 5

ZINNIAS.

(Youth and Old Age.)

The Double Zinnia is one of the most brilliant and showy of annuals, and has long been a general favorite. The seed can be sown early in the hot-bed and transplanted, or sown later in the open ground.

- 4445 **Double Dwarf White.** 5
 4443 — **Orange.** 5
 4444 — **Scarlet.** 5
 4441 — **Canary.** 5
 4442 — **Jacqueminot.** Rich, deep velvety-crimson..... 10
 4450 — **Mixed.** Per oz., 40 cts. 5
 4449 **Imported Collection** of 6 dwarf double varieties..... 25
 4470 **Tall Double.** Tall varieties, mixed. Per oz., 30 cts..... 5
 4460 **Curled and Crested.** A beautiful strain of this popular plant, the petals being twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the beautiful shades characteristic of the Zinnia, 10
 4461 **Haageana Fl. Pl. (Mexican Zinnia).** A splendid double variety; flowers deep orange, keeping its color when dried as a winter flower. 10
 4465 **Tom Thumb, Double Mixed.** Compact bushes, not over 12 inches high 10
 4463 **Mammoth (Robusta Plenissima).** Flowers large, perfectly formed, very double and of striking colors..... 10
 4462 **Queen Victoria.** A pure white variety of the above. The flowers are perfectly double, of fine form, and measure about 4 inches across. This excellent variety comes true from seed, and is deserving of attention..... 15
 4464 **Double Pompone.** Cone-shaped flowers; mixed..... 10
 4466 **Zebra.** A very pretty strain of striped flowers. As the colors vary on each plant, they present a curious as well as beautiful appearance..... 10

VINCA (Madagascar Periwinkle, or Old Maid).

Ornamental free-blooming plants, and one of the most satisfactory bedding plants we have. They flower from seed, if sown early, the first season, continuing until frost; or they may be potted and kept in bloom through the winter; 2 feet.

- 4381 **Rosea.** Rose, dark eye..... 10
 4382 **Alba.** White, crimson eye..... 10
 4383 **Alba Pura.** Pure white..... 10
 4390 **Mixed.** Per oz., \$1.00..... 5

VIOLET (Viola Odorata).

Well-known fragrant early spring blooming plants; thriving best in the summer in a shady situation, in a rich, deep soil.

- 4400 **Single Mixed.** Blue and white..... 10
Double Violets do not seed. Plants will be found offered in Plant Department.

VIOLA CORNUTA PAPILO.

- 4401 Splendid new variety of the "Bedding Pansy," resembling in shape of its flowers the original species *Viola Cornuta*. The flowers, however, are nearly double the size, while it is of more uniform and vigorous growth. The color is an exceedingly lovely violet lilac with small dark eye. A group in flower looks like a mass of blue butterflies, presenting a pleasing and novel aspect..... 25

WALLFLOWER.

Well-known deliciously fragrant half-hardy perennials; blooming early in the spring, with large conspicuous spikes of beautiful flowers; they should be protected in a cold frame in the winter, and planted out in May; are much prized for bouquets.

- 4420 **Single Mixed.** 5
 4410 **Finest Double Mixed** 10
 4409 **Collection** of Double Wallflower; 6 varieties.... 50
 4419 **Collection** of Single Wallflower; 6 varieties.... 40



DOUBLE WALLFLOWER.

Water Lily Seed.

(See next page.)



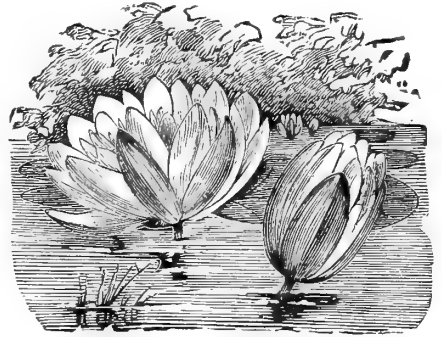
DWARF DOUBLE ZINNIAS.

SEEDS OF WATER LILIES.

Raising seedling plants of all kinds has a peculiar charm and fascination, and few remarks on the growing of Water Lilies from seed may be of service.

The soil should be precisely the same as is used for the vast majority of flower seeds; that is, any good garden soil, nicely sifted, with a small addition of sand. The Tender Nymphæas and Victorias should be sown in early spring. It is advisable to sow the hardy sorts late in autumn, the seed usually lying dormant throughout the winter and coming up in the spring. Sow in pots, boxes or pans (the latter is best); fill with soil to within half an inch of the top; sow the seed thinly and cover lightly with sand and stand in water for two days until the seed is thoroughly soaked, which will prevent any from floating when the pots are submerged, which they should be in water at a temperature as near 75 degrees as can be maintained. Two or three inches of water over the pots is sufficient depth. As soon as the seedlings make two or three leaves, they should be transplanted into pots or pans; as soon as floating leaves two or three inches in diameter are produced, pot singly into three-inch pots and when well rooted repot into 4 or 5 inch pots, from which size they may be planted into their summer flowering quarters. In repotting, a compost of one-third thoroughly rotted cow manure and two-thirds good loam should be used. When planted into permanent quarters, the same compost should be used, and the surface covered with clean sand.

Full descriptions of the various sorts offered below will be found on pages 104 to 112.



Euryale Ferox. 3 seeds for 50 cts.; \$2.00 per doz.	PER PKT.	Nymphæa Odorata Rosea	PER PKT.
Nelumbium Album Grandiflorum	15	— — Luciana	25
— Kermesinum	15	— — Exquisita	15
— Kinshiren	15	— O'Marana	15
— Luteum	15	— Tuberosa	15
— Roseum	15	— Zanzibarensis. (Purple)	15
— Shiroman. (New Double White)	15	— Azurea. (Blue)	15
Nymphæa Cœrulea	15	— Rosea. (Rose)	15
— Dentata	15	Victoria Trickeri. 3 seeds for 50 cts.; \$2.00 per doz.	
— Gracilis	15	— Randii. 3 seeds for 75 cts.; \$3.00 per doz.	
— Hybrida	15	— Regia. 3 seeds for 75 cts.; \$3.00 per doz.	
— Lotus	15		

COMMON OR ENGLISH NAMES.

For the convenience of those who are not familiar with botanical names, we give below as complete a list as possible of the popular names of the various Flowers of which we offer seed in this catalogue, in cases where we offer varieties under one of their popular names—for example, Marvel of Peru, Mignonette, Nasturtium, etc., they are omitted in the list below. For regular index see page 192.

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Flora's Paint Brush, "	Calacia, 65		Euphorbia, 74		
Floss Flower, "	Ageratum, 59		Salpiglossis, 93		

DREER'S SUMMER FLOWERING BULBS



AMARYLLIS.

Splendid flowering bulbs, suitable for greenhouse, room, or garden cultivation. For indoor use they should be grown in pots, well-drained, in a soil of equal parts of peat, leaf-mold, and loam. After flowering, the bulbs must be ripened off by discontinuing water as the foliage shows signs of dying. When at rest, store away in a dry, cool place, leaving the bulbs in the pots.

Aulica Platypetala (*Lily of the Palace*). Immense flowers of intense crimson, tipped green. \$1.00 each; \$10.00 per doz.

Belladonna Major (*Belladonna Lily*). Beautiful silvery white, turning to soft rose as the flower ages. 15 cts. each; \$1.50 per doz.

Defiance. A grand strong growing variety, often blooming several times in a season. Very large flowers, of a deep carmine striped with white. 75 cts. each.

Formosissima (*Jacobæan Lily*). Crimson; blooming early in the summer. 5 cts. each; 50 cts. per doz.

Johnsonii. Very large flower, of a rich crimson-scarlet color, striped with white (see cut). Extra large bulbs, 30 cts. each; \$3.00 per doz.

Prince of Orange. Large flowers; orange intermingled with white and green. \$1.00 each; \$10.00 per doz.

Regina (*Queen Lily*). Red and white. 25 cts. each; \$2.50 per doz.

Vittata Hybrids. Beautiful striped, flaked, and feathered varieties; from the leading European specialists. 50 cts. each; \$5.00 per doz.



AMARYLLIS.

AMORPHOPHALLUS RIVIERI.

Particularly handsome plant for growing either in clumps or as a solitary specimen. Should be planted in May in warm sunny situation in extra rich soil; the flowers appear before the leaves and rise to a height of 2 feet and resemble a gigantic black Calla.

This is soon followed by the massive tropical looking leaves supported by thick beautifully marbled stems. Extra large bulbs 50 cts. each; \$5.00 per doz.; good bulbs 25 cts. each; \$2.50 per doz.

TUBEROUS-ROOTED BEGONIAS.

Our celebrated strain of this popular plant will be found offered with other Begonias under the head of Garden and Greenhouse plants.

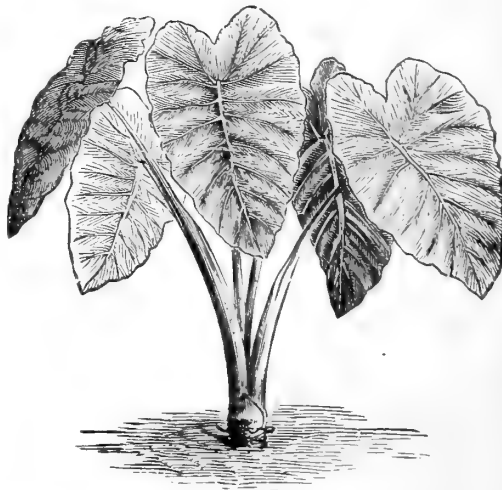
CALADIUM ESCULENTUM (Elephant's Ear).

One of the most effective plants in cultivation for the flower border or for planting out upon the lawn; it will grow in any good garden soil, and is of the easiest culture. To obtain the best result it should be planted where it will obtain plenty of water, and an abundance of rich compost. Foliage light green. When full size it stands 6 feet high, and bears immense leaves, 3 to 4 feet long by 2½ feet wide. (See cut).

Extra large bulbs 40 cts. each; \$4.00 per doz.; postage 15 cts. each extra. First-size bulbs 25 cts. each; \$2.50 per doz.; postage 10 cts. each extra. Second-size bulbs 15 cts. each; \$1.50 per doz.; postage 8 cts. each extra. Third-size bulbs 10 cts. each; \$1.00 per doz.; postage 5 cts. each extra.

CINNAMON VINE (Dioscorea Batatas).

A rapid growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy-green; growth is very rapid, reaching about 8 feet in height; quite hardy. Good roots 5 cts. each; 50 cts. per doz.



CALADIUM ESCULENTUM.

GLADIOLUS

(If wanted by mail, add 10 cents per dozen for postage.)

The most attractive of all summer flowering bulbs are the Gladioli. Wonderful improvements have been made in recent years in the size and beauty of these flowers, and our list comprises only the best selections, both in our mixtures and named sorts. Their cultivation is very simple, as they will thrive in any ordinary garden soil, but amply repay care and liberal feeding by enhanced size and beauty. A succession of bloom may be had from July to September by planting at intervals from April to June. The strongest bulbs should be kept for the latest planting. Plant six inches apart in beds or double row, and three inches deep. They are very effective when planted among roses, shrubbery, etc. In the fall, before frost, the bulbs should be lifted, dried and stored in a cellar or some other position away from frost, for planting again the following spring.

SUPERB NEW GLADIOLUS "WHITE LADY."

(Awarded a First-class Certificate of Merit by the Massachusetts Horticultural Society August 21, 1897.)

This beautiful pure white sort was gained by crossing the best so-called white varieties. Having compared "White Lady" with all the newest white varieties of German, English, American and French origin, we are positive that this novelty is the *very best white known*. The flowers are large, of finest substance and of the purest white imaginable, the lower petals are slightly tinged with pale yellow; this pale yellow is so delicate and so clear that it does not impair the white of the flower in the least, on the contrary it enhances upon the white. The buds are light yellow before opening. The plants are of a remarkably strong growth and will generally produce several flower spikes. Height 2½ to 3 feet when in full bloom. Strong bulbs \$1.50 each.

DREER'S GRAND NAMED GLADIOLUS.

The following are sorts which can be depended upon to give good results, each variety being the acknowledged leader of its color:

African. Black crimson, with pure white blotch on throat, the darkest colored of all. 10 cts. each; \$1.00 per doz.

Brenchleyensis. An old variety, but still the best vermilion-scarlet for massing. 5 cts. each; 25 cts. per doz.; \$1.50 per 100.

Ethel. Beautiful soft rose color, with white and crimson throat. 10 cts. each; \$1.00 per doz.

Grand Rouge. Enormous spikes of large flaming scarlet, the finest of its color. 10 cts. each; \$1.00 per doz.

Hesperide. Blotched and flaked bright rosy-salmon on pure white ground. 10 cts. each; \$1.00 per doz.

Lord Byron. Brilliant scarlet with a distinct pure white blotch. 10 cts. each; \$1.00 per doz.

Martha Washington. Fine spikes, light yellow, lower petals tinged with rose. 10 cts. each; \$1.00 per doz.

May. White ground, penciled with crimson. 10 cts. each; \$1.00 per doz.

Mohonk. Dark pink, shaded orange and flaked with maroon. 10 cts. each; \$1.00 per doz.

Octoroon. A beautiful shade of salmon-pink, quite distinct. 10 cts. each; \$1.00 per doz.

Pepita. Bright golden yellow, slightly flaked with carmine at the edges. 10 cts. each; \$1.00 per doz.

President Lincoln. Blush white, suffused with bright rose. 10 cts. each; \$1.00 per doz.

Princeton. Large flaming red, with violet and white mottlings in throat; immense spike. 10 cts. each; \$1.00 per doz.

Shakespeare. A fine variety, white, slightly suffused with carmine-rose, large rose blotch. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Snow White. Grand spike of snow-white flowers, a magnificent variety. 20 cts. each; \$2.00 per doz.

SPECIAL OFFER. One each of the above fifteen Grand Varieties, each variety separate, for \$1.00; by mail, \$1.10.

GLADIOLUS IN MIXTURE.

Our mixtures are made up from fine varieties, and are all *selected first-size* bulbs, and are sure to give the best results.

	EACH.	DOZ.	100.
Scarlet and Crimson shades mixed.....	.05	.25	\$1 75
White and Light " " .....	.05	.35	2 50
Yellow Shades Mixed " " .....	.05	.40	3 00
Striped and Variegated " " .....	.05	.35	2 50
Pink " " .....	.05	.35	2 50
Extra Choice Mixed, American Hybrids ..	.05	.30	2 00

Lemoine's Butterfly Hybrids mixed. This mixture is made up of named sorts which we imported from the originator. The remarkable richness of the colorings of this class rival the finest orchids. 5 cts. each; 30 cts. per doz.; \$2.00 per 100.

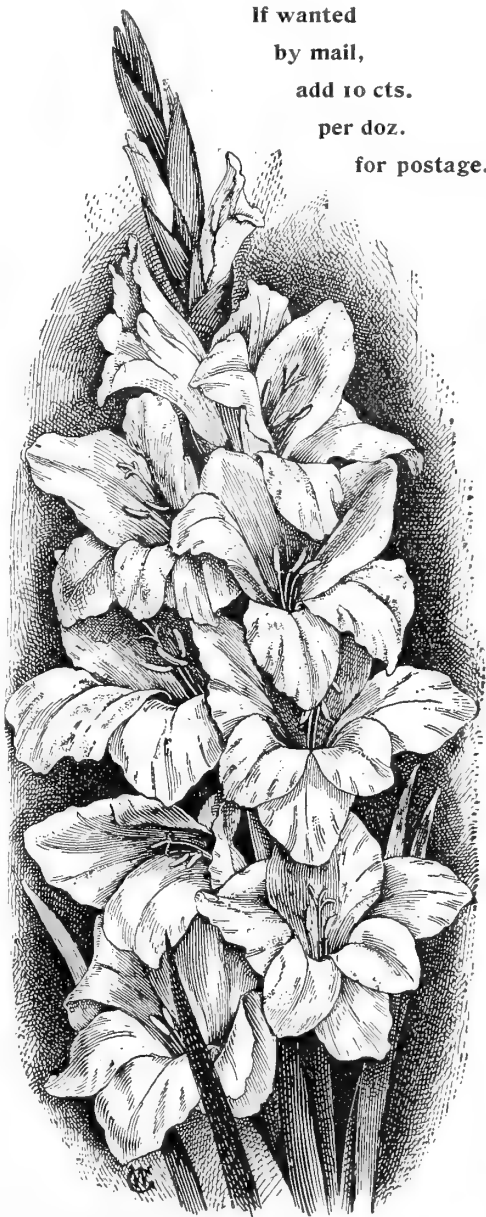
Kelway's Choice Hybrids, grown from stock of the celebrated English hybridizer, produce immense spikes in great variety of coloring. 5 cts. each; 50 cts. per doz.; \$3.00 per 100.

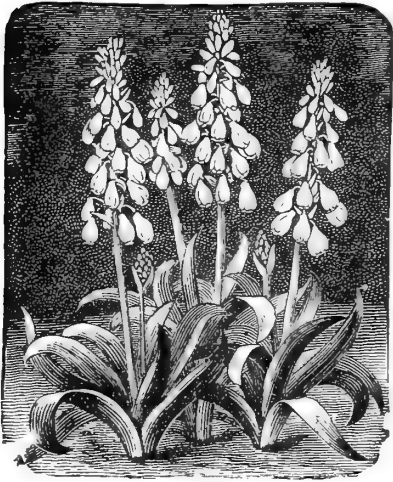
NEW GIANT GLADIOLUS (*Gladiolus Nanceanus*).

A magnificent new race of extraordinary size and remarkable beauty. These new varieties are twice the size of the *Gladiolus Gandavensis* varieties, while possessing the long-lasting properties and the beautiful markings of the *Lemoinei* section. Mixed varieties, 8 cts. each; 75 cts. per doz.; \$5.00 per 100.

(If *Gladiolus* are wanted by mail, add 10 cts. per dozen for postage. Single bulbs mailed free at catalogue price.)

If wanted
by mail,
add 10 cts.
per doz.
for postage.





HYACINTHUS CANDICANS.

MADEIRA VINE.

A rapid-growing vine, covering a large space in a short time. Fleshy, heart-shaped leaves of a light green, and numerous racemes of feathery flowers of delicious fragrance. A beautiful and popular vine. (See cut.) 5 cts. each; 40 cts. per doz.; by mail 10 cts. per doz. extra.

MILLA BIFLORA.

(Mexican "Star of Bethlehem.")

One of the loveliest and most desirable bulbs. The flowers are nearly $2\frac{1}{2}$ inches in diameter, of a pure waxy-white color, and usually borne in pairs; the petals are thick and leathery, of great substance, and will keep for days when cut and placed in water. Bulbs 10 cts. each; 75 cts. per doz.



MONTBRETIAS.

HYACINTHUS CANDICANS.

(Cape Hyacinth.)

A snow-white summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from 20 to 30 pure white bell-shaped flowers. (See cut.) 5 cts. each; 50 cts. per doz.; by mail 10 cts. per doz. extra.

ISMENE CALATHINA.

(Pancratium.)

A grand summer-flowering bulb, producing throughout the season large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and, after a few weeks' rest, potted and flowered in the house in winter, or kept over for planting out another season. (See cut.) 25 cts. each; \$2.50 per doz.



ISMENE CALATHINA.

CROCOSMIA AUREA IMPERALIS.

This magnificent new summer-flowering bulb which we are offering this year for the first time will be found with other new and rare plants on pages 11 to 16.

GLOXINIAS.

This charming class of summer-flowering bulbs is now so well known that description is unnecessary. Our collection embraces all the popular colors, ranging from the purest white through all the shades of crimson and purple; spotted and mottled. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

HÆMANTHUS MULTIFLORUS.

(Blood Flower.)

A bulbous-rooted plant, closely allied to the Amaryllis, producing deep red flowers in dense heads, often as many as one hundred flowers being open at one time, forming a perfect globe, 6 inches or more in diameter. \$1 00 each.

MONTBRETIAS.

The Montbretias are one of the brightest and best of summer-flowering bulbs, and it has been a matter of wonder to us why they are not more generally used. We feel sure that if once tried they would become firm favorites. The bulbs should be planted from April to June in clumps or groups of three to a dozen or more. They are perfectly hardy, and once planted can be left to care for themselves. In growth they resemble the Gladioli, and produce spikes of the most brilliant flowers in the various shades of orange, yellow, red, etc. The varieties offered below are the "cream" of the largest collection in Europe, and are offered at a price which should warrant extensive plantings. (See cut.)

Crocosiæflora. Deep golden-orange; fine.

Etoile de Feu (Star of Fire). Bright vermilion; yellow centre.

Gerbe d'Or (Golden Sheaf). Splendid golden-yellow.

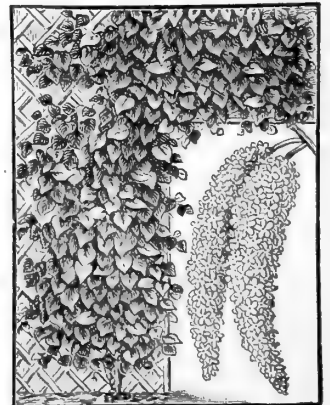
Pottsii Grandiflora. Golden-orange, outside bright red.

Rayon d'Or. Yellow and brown.

Transcendent. Orange and vermilion; large.

Tigridia. Rich orange; throat spotted brown.

Price, any the above, 3 for 10 cts.; 30 cts. per doz.; \$2.25 per 100; six each of the seven varieties free by mail for \$1.00.



MADEIRA VINE.

LILIUMS.

Auratum. Of all the Lily tribe this is undoubtedly one of the finest, whether we regard its size, its sweetness, or its exquisite arrangement of color. Its large and graceful flowers are composed of six petals of a delicate ivory-white color, thickly studded with chocolate crimson spots, and striped through the centre a golden-yellow. From 6 to 20 flowers are produced on a stem, and, as the bulbs acquire age and strength, the flowers increase in size and number. It is perfectly hardy, and thrives best in a moderately dry, rich loam, where the water does not lie in winter. (See cut.) Extra large bulbs 25 cts. each; \$2.50 per doz. First size bulbs 15 cts. each; \$1.50 per doz. Second size bulbs 10 cts. each; \$1.00 per doz. Postage 5 cts. each extra.

Elegans Incomparable. Large orange-colored flowers, borne in clusters; very free flowering. 10 cts. each; \$1.00 per doz.

Krameri. Distinct from all other Lilies; large flowers, of a soft, beautiful rose-color. 15 cts. each; \$1.50 per doz.

Speciosum Album. Large white flowers of great substance, with a greenish band running through the centre of each petal; very fine. 15 and 25 cts. each; \$1.50 and \$2.50 per doz. Postage 5 cts. each extra.

Speciosum Rubrum. White, heavily spotted with rich crimson spots. 10 and 15 cts. each; \$1.00 and \$1.50 per doz. Postage 5 cts. each extra.

Speciosum Roseum. White, shaded and spotted with rose. 10 and 15 cts. each; \$1.00 and \$1.50 per doz. Postage 5 cts. each extra.

Speciosum Melpomene. Very large flowers, rich blood-crimson, heavily spotted. 15 cts. each; \$1.50 per doz. Postage 5 cts. each extra.

Tigrinum Splendens (*Improved Tiger Lily*). Very large flowers. 12 cts. each; \$1.25 per doz.

Flore Pleno (*Double Tiger Lily*). Orange-red, spotted with black; double, showy flowers. 12 cts. each; \$1.25 per doz.



LILIUM AURATUM.

TIGRIDIAS.

(Tiger, or Shell Flower.)

These gorgeous summer flowering bulbs look well associated with Gladioli, Lilies and kindred stock; grow about 2½ feet high, and flower freely throughout the summer.

They require the same treatment as Gladioli, and should be lifted in autumn and dried off in the same way. (See cut.)

Conchiflora. Golden-yellow, spotted crimson.

Pavonia Grandiflora. Bright crimson, centre spotted with yellow.

Grandiflora Alba. Ivory-white, yellow centre, spotted with

crimson; an exceedingly handsome flower.

Price of any of the above 3 Tigridias, 5 cts. each; 40. cts per dozen.

TUBEROSES.

One of the most delightfully fragrant and beautiful of the summer flowering bulbs. By skilful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hot-bed; and for a succession they can be planted at intervals as late as August. For flowering in the open border plant about the middle of May.

Excelsior Double Pearl (see cut). Extra large bulbs, 3 for 10 cts.; 25 cts. per doz.; \$1.50 per 100. If wanted by mail add 12 cts. per doz. extra.

Variegated Leaved. Leaves striped, flowers single. 10 cts. each; 50 cts. per doz. By mail 10 cts. per doz. extra.

VALLOTA PURPUREA.

(Scarborough Lily.)

A valuable free-flowering summer and autumn blooming Amaryllis; color, rich red. It does well planted in the open ground in May, and when in bud can be potted and removed for conservatory or window decoration. It is one of the few really good window plants. 30 cts. each; \$3.00 per doz.

ZEPHYRANTHES.

(Zephyr Flowers, or Fairy Lilies.)

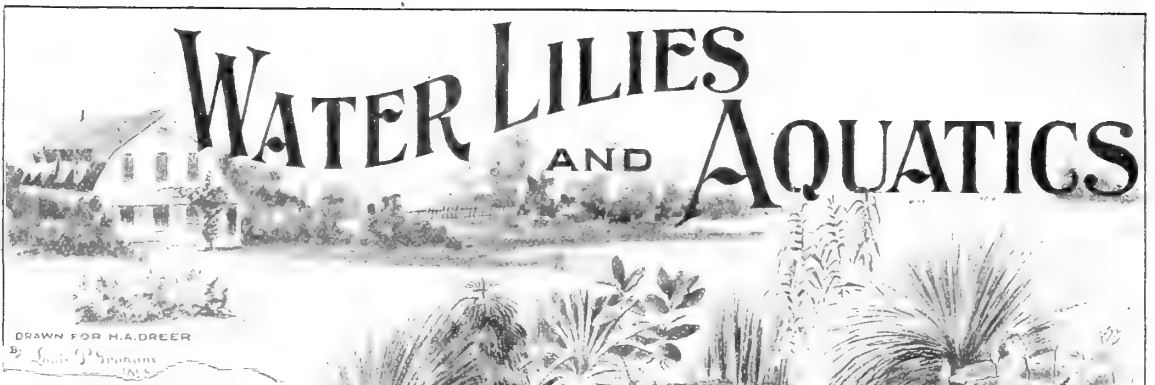
Beautiful dwarf bulbous plants, very effective for masses or borders, flowering with great profusion during the summer. They are also most suitable for pot culture. 6 bulbs clustered in a 6-inch pot in the autumn will give a fine display during the winter. 1 foot high.

Alba. Pure white. 5 cts. each; 40 cts. per doz.; \$3.00 per 100.

Rosea. Large rose-colored flowers. 5 cts. each; 40 cts. per doz.; \$3.00 per 100.



EXCELSIOR PEARL TUBEROSE.



DURING the past season Aquaticulture has been one of the most popular and interesting features in the floral world. Aquatics have been shown at all exhibitions of note, and as usual have been the centre of attraction. Their use as cut flowers, and the interest shown by amateurs, private gardeners and florists, and the increasing demand for these plants in all parts of the world, is proof of their popularity. Our Water-Gardens at Riverton, N. J., are open to inspection at all times, and during the past season numerous visitors from all parts of the United States, Canada and Europe availed themselves of the opportunity to inspect our extensive collection, make comparisons, and select suitable varieties for different purposes.

Our collection is the largest and most complete in the country, and we have been awarded First Premiums, Certificates and Diplomas wherever exhibited.

The cultivation of Aquatics is of the simplest; their requirements are sunshine, water and plenty of rich soil. They are divided into two classes, hardy and tender; the former may be planted in ponds, lakes or sluggish streams, early in spring, and, under the same conditions as our native Water Lily, they will grow luxuriously and flower profusely the entire season; provide the same conditions in artificial ponds or tanks, and the results will be equally satisfactory. Plant the tender varieties at the approach of warm weather and when the water is warm. The plants can be grown in pots where protection can be afforded them until safe to transfer to summer quarters. The after-treatment is the same as for the hardy varieties. When grown in tubs only the moderate growers should be selected. In the Northern and Eastern States some protection should be given the margins of artificial ponds, fountain basins, etc., for a break in the masonry occasioned by the action of frost would expose the plants to great danger. In storing in tubs through the winter they should be kept where it is not warm enough to excite growth or so cold as to freeze.



NELUMBUM SHIRMAN.

New Nelumbiums.

Nelumbium Pekinensis rubrum. This variety was flowered at Riverton last summer, and proved to be the darkest colored of any; deep rose red. \$3.00 each.

Nelumbium pygmaea alba. A miniature variety, growing from 12 to 18 inches high; flowers white, resembling a tulip; useful for tubs. \$2.00 each.

Nelumbium roseum plenum. A magnificent variety with large, full double bright rose flowers as fine as any Peony. \$3.00 each.

Nelumbium Shirman. This superb variety is unquestionably the grandest ever introduced, the enormous flowers are snow-white, exceedingly double, and borne on stout stalks well above the foliage; it is a vigorous grower and very free-flowering, and equally as hardy as the well-known *N. Speciosum*. (See cut.) \$3.00 each.

The general list of Nelumbiums will be found on page 109.

Full cultural directions are given in the new book, "THE WATER GARDEN," price \$2.00, postpaid, or given as a premium on orders for Aquatic plants amounting to \$20.00 or over (when accompanied by remittance).

Three Sterling Novelties in Hardy Water Lilies.



NEW HARDY NYMPHÆA WM. FALCONER.

NYMPHÆA JAMES GURNEY.

Named in honor of Mr. James Gurney, Superintendent of Tower Grove Park, and Missouri Botanical Gardens, St. Louis, Mo. A distinct and novel flower, 5 to 6 inches across, petals long, of a peculiar texture, resembling crepe. At first the color is a beautiful dark rose, suffused with pink, deepening in color each successive day. The first day of opening the stamens are of rich golden-yellow, very much reflexed; the second day incurving, and the third day showing a darker centre. This and *N. Wm. Falconer* differ from the Laydekeri group in that the flowers open with the earliest day-blooming varieties and remain open throughout the day. Price, \$10.00 each.

These varieties were certificated by the Massachusetts Horticultural Society.

It is with great satisfaction that we introduce to the gardening public three new Seedling Hardy Nymphaeas, which in color, size and blooming qualities excel any hardy varieties known to the horticultural world. These are of American origin, perfectly hardy and may be grown with as much ease as the native sorts.

We have named them in honor of three distinguished park superintendents who have done so much to promote horticulture in the United States, both in writings and practical work, and who are also deeply interested in Aquatic gardening.

NYMPHÆA WM. FALCONER.

Named in honor of Mr. Wm. Falconer, Superintendent of Schenley Park, Pittsburg, Pa. This variety has been pronounced by those who have seen all of the latest introductions to be the largest and most brilliant *dark* flowering Nymphaea. It is entirely distinct from the Laydekeri type of flower, having much longer and more numerous petals, resembling somewhat a flower of *Nymphaea Odorata Gigantea*. The flower is from 6 to 7 inches across, of an intense bright garnet color with a good ruby tone through it, intensified by the rich golden centre. The plant is intermediate in growth, between the Laydekeri and Marliacea group; the young leaves are red, changing to deep green with red veins. Price, \$25.00 each.

NYMPHÆA WM. DOOGUE.

Named in honor of Mr. Wm. Doogue, Superintendent of Parks, Boston, Mass. A magnificent Lily of chaste and delicate coloring, flowers 5½ to 6 inches in diameter, beautifully cup-shaped, and of a pleasing shell-pink color, with sepals royal pink. A very symmetrical and distinct flower, of great substance, with petals of an extraordinary width. Price, \$5.00 each.



NYMPHÆA WM. DOOGUE.

NEW FRENCH HARDY WATER LILIES.

Nymphaea Marliacea rubra punctata. Large and beautiful flowers of a deep rosy-purple, with orange stamens. Certificated by the Mass. Horticultural Society. \$15.00 each.

Nymphaea Fulva. Flowers pale yellow with bright red, resembling a flower of the Tulip Tree; stamens golden yellow. Certificated by the Mass. Horticultural Society. \$10.00 each.

Nymphaea Robinsonii. Flowers bright red on a deep yellow ground; orange stamens; leaves deep green spotted with chestnut; free and constant flowering. This variety attracted considerable attention in our Water Garden the past summer, the unique color of the flowers arresting the attention of all. \$5 00 each.

NEW TROPICAL WATER LILIES.

Nymphaea Geo. Huster. The most notable addition to the tropical Water Lilies since that grand sort *N. O'Marana* was introduced. This variety may be described as a decidedly improved O'Marana. It has the same vigorous growth and free-flowering qualities, but the flowers are much finer, the color being a particularly brilliant crimson. Very showy and desirable in any collection. Certificated by the Mass. Horticultural Society. \$5.00 each.

Nymphaea Wm. Stone. No color in Water Lilies is more attractive than blue, and in this variety we have one of the most distinct and pleasing of this shade, the color being a rich violet blue shaded amaranth; stamens purple with deep yellow centre. It has long pointed buds like *N. pulcherrima*; it also stands well out of the water, and is of vigorous, spreading habit. Unlike *N. Zanzibarensis* the flowers open early in the day and remain open until late evening. \$3 00 each.



VICTORIAS—The Royal Water Lilies.

Of all the family of Water Lilies these are the grandest. They inhabit the tranquil bays and lakes of the great streams of South America. Their gigantic leaves are from five to six feet across, turned up round the edges, the upper surface of a bronzy-green, the under side a vivid crimson. The peculiar formation of the under surface of the leaves imparts to them great buoyancy. The flowers are not less marvelous than the leaves, being, when expanded, twelve to fifteen inches in diameter; the petals are very numerous; their color at first pure white, passing by successive shades into a rosy hue and a lively red, and they exhale an agreeable odor, not unlike a rich pineapple during the first evening of blooming. One of the most striking features of this wonderful aquatic is that, as grown here, it is but an annual, and that such marvelous growth can be made in the short space of five months.

Victoria Regia. The famous original species. \$5 00, \$7.50 and \$10.00 each, according to size. Seeds \$3.00 per doz.

Victoria Randii. Similar to *V. Regia*, except the vertical edges of the leaves are deeper, and the flowers, though opening white, change to a deep crimson. \$5 00, \$7 50 and \$10.00 each, according to size. Seeds \$3.00 per doz.

Victoria Trickeri. Unlike *V. Regia* this distinct variety is of remarkably rapid and vigorous growth under ordinary conditions and our usual summer temperature, and makes it possible for anyone to grow a specimen of this magnificent genus. The seed may be sown out of doors in May and plants of flowering size produced by the end of August; but in order to have a flowering plant by midsummer it is necessary to start indoors. Its free-growing qualities are well shown in the above illustration of a single plant in our pond at Riverton last summer, and it is not unusual for a single plant to have a dozen leaves each measuring four and one-half to five and one-half feet in diameter. The leaves are green with reddish margins; flowers white on first opening, changing to a deep pink, and of the same fragrance as *V. Regia*. \$5.00, 7.50 and \$10.00 each, according to size. Seeds \$2.00 per doz.

Victoria plants can be safely shipped to distant points; but we recommend that only the largest and strongest plants be sent.

TENDER WATER LILIES—Night-Blooming Varieties.

The following varieties are among the choicest of aquatic plants, and most valuable for cut flowers. Unlike the native and European varieties, which open with the rising sun and close after noon, these open after sunset and remain open until after sunrise, and in dull weather and toward fall remain open until noon. These cannot be planted out in the open tank until warm weather.

NYMPHÆA COLUMBIANA.

Of modern growth, with dark bronzy foliage; flowers dark crimson; can be grown in a tub. \$1.50 each.

NYMPHÆA DEANIANA.

This is a strong and robust plant, with large deep green dentated foliage. The flower is beautifully cupped and stands well out of the water on a stout stalk; the sepals are deep rose-pink; stamens red. American origin. \$1.50 each.

NYMPHÆA DELICATISSIMA.

This is entirely distinct from the preceding variety and after the style of *N. Dentata*; handsome foliage, of a metallic lustre; flowers of a pleasing delicate pink. American origin. \$1.50 each.

NYMPHÆA DEVONIENSIS.

This is one of the very choicest Water Lilies in cultivation, and is indispensable in a moderate collection. The flowers are a brilliant rosy-red, a most pleasing color by artificial light, produced on stout stalks standing above the water, and are from ten to twelve inches across. The leaves are a deep reddish shade of color. 50 cts. each; \$5.00 per doz.

NYMPHÆA DENTATA.

The largest and best white, night-blooming variety; flowers of the largest size; long pointed buds, on strong stalks, opening horizontally; leaves deep green, with serrated edges. Native of Sierra Leone. (See cut.) 50 cts. each; \$5.00 per doz.

NYMPHÆA JUBILEE.

A fine addition to this class. Color pure glistening white, relieved by a faint tinge of pink at the base of the outer petals. Strong vigorous grower and very free-flowering. \$2.00 each.

NYMPHÆA KEWENSIS.

A first-rate and desirable sort. Large beautiful rosy-red flowers; foliage bronzy green; vigorous. \$1.50 each.

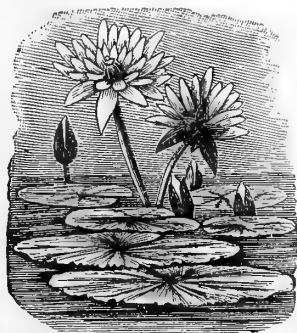
NYMPHÆA LOTUS.

(*Thermalis*.) (Hungarian Lotus.)

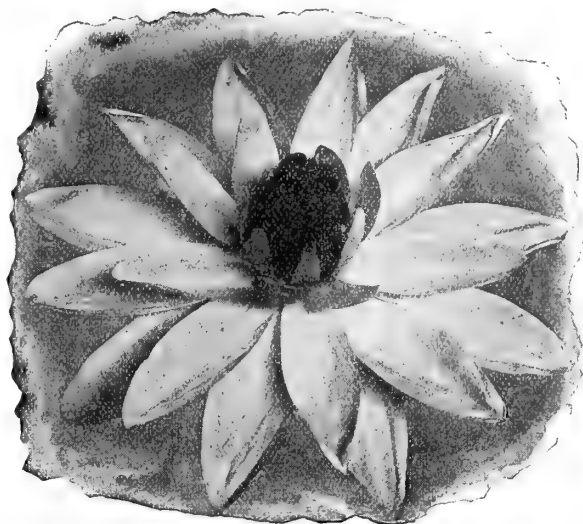
A very vigorous plant, with deep green glossy foliage; flowers white suffused with pink; cup-shaped with broad petals. \$1.00 each.

NYMPHÆA O'MARANA.

This hybrid *Nymphæa* is of the *Dentata* type, a vigorous grower and free-flowering; the leaves are bronzy-green, deeply dentated; the flowers are of the largest size, opening horizontally; color rosy-red; stamens orange-red; a most attractive flower. (See cut.) \$2.50 each; extra size \$5.00 each.



NYMPHÆA DENTATA.



NYMPHÆA O'MARANA.

NYMPHÆA RUBRA.

Very similar to *N. Devoniensis*, save the petals are not so pointed. The flower is a trifle cupped and a shade or two darker, is equally as free in blooming and a strong grower. Native of East India. 50 cts. each; \$5.00 per doz.

NYMPHÆA RUBRA-ROSEA.

One of the very best red Water Lilies in cultivation. The flowers which are produced very freely are 10 to 12 inches in diameter, are deep rosy-carmine, much superior to the much-admired *N. Devoniensis*. \$2.00 each.

NYMPHÆA SMITHIANA.

The flowers of this beautiful variety are perfectly cup-shaped, the broad and massive inner petals creamy white, the outer ones striped with green and suffused with delicate pink, and the stamens a golden-yellow, which gives an indescribably beautiful illuminating effect to the interior of the fragrant chalice; garden hybrid of American origin. \$1.50 each.

NYMPHÆA STURTEVANTII.

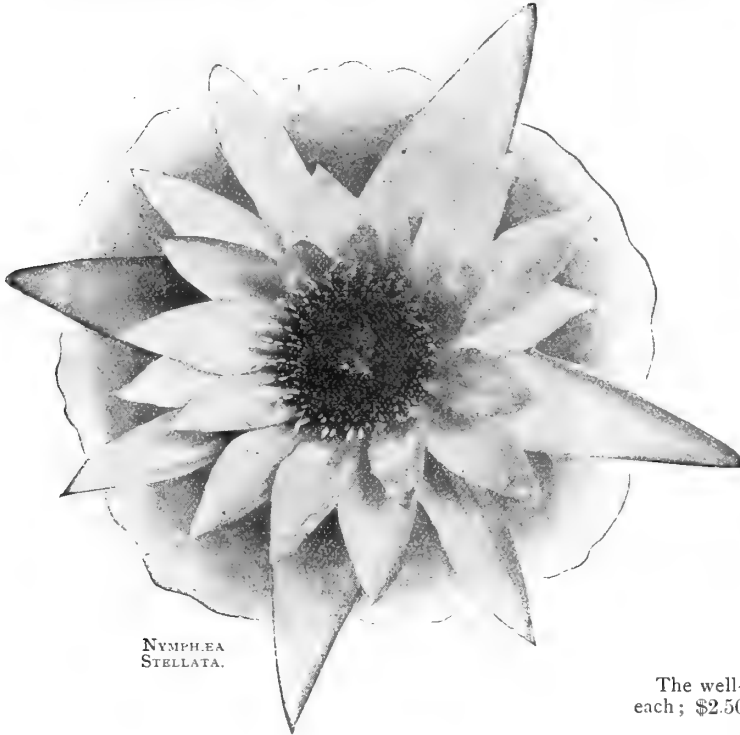
A superb variety. The flowers are of the largest size, and more cup-shaped than *N. Rubra*. Color bright rosy-red, distinct and very choice variety, requires to be started early. Garden hybrid of American origin. \$2.50 each; extra size \$5.00 each.

Special attention is directed to the new *Nelumbiums* and *Nymphæas* offered on pages 104 to 106.

The new book "THE WATER GARDEN" gives many valuable points on the formation of Artificial Ponds, etc. Price \$2.00, postpaid, or FREE with an order amounting to \$20.00 or over, accompanied by remittance.

If intending purchasers will send us a rough outline and size of the space they propose to devote to aquatics, we will be pleased to help them with suggestions as to the number and best kind of plants necessary, and the cost of the same.

TENDER WATER LILIES.—Day Blooming Varieties.



*NYMPHÆA
STELLATA.*

NYMPHÆA MEXICANA.

A valuable addition to this class of *Nymphæas*, closely resembling *N. Flava*. The flowers are rich golden-yellow, 5 inches in diameter; produced freely through the season until frost. New Mexico. 30 cts. each.

NYMPHÆA PULCHERRIMA.

The flowers of this handsome variety are of the largest size—10 to 12 inches in diameter—of a bright violet hue, resembling in color those of *N. Gigantea*, excepting the bases of the petals and the stamens, which are deep yellow. The buds are long, pointed and irregularly striped, with chocolate red. Leaves bronzy-green, slightly blotched red. \$2.00 each.

NYMPHÆA SCUTIFOLIA.

(*Versicolor, Radiator.*)

A distinct variety; flowers bright blue; petals white at base, sweet-scented; flower buds spotted with reddish-brown; a strong grower and free bloomer. From the Cape of Good Hope. 75 cts. each.

NYMPHÆA ZANZIBARENSIS.

This is indeed a royal lily; flowers very large; deep purple; sepals deep green on the outside and purple within; margin red. One of the most beautiful and free-flowering of Water Lilies, exquisitely fragrant. The stock offered is guaranteed to be the true dark variety. Native of Zanzibar. (See cut.) \$2.00 each.

NYMPHÆA ZANZIBARENSIS AZUREA.

This is similar to the preceding variety, except in color, being deep rich azure blue, one of the very best for general purposes. 50 cts. each; \$5.00 per doz.

NYMPHÆA ZANZIBARENSIS ROSEA.

Similar in every respect to the preceding, save in color, which is a beautiful deep rose; under surface of leaves also red; should be in every collection; very choice. 50 cts. each; \$5.00 per doz.

EURYALE FEROX.

This was the noblest aquatic in cultivation before the introduction of *Victoria Regia*. Large circular leaves, about 2 feet in diameter, with prominent spiny veins on the rich purple under side, the upper side being olive-green, puckered and spiny. Flowers deep violet. \$2.50 each.

NYMPHÆA CÆRULEA.

One of the choicest. The flowers are a clear light blue, very delicately scented. Produced in abundance through the season until frost; 6 to 8 inches across. Native of Egypt and other parts of Africa. Also known as the Blue Lotos. \$1.00 each.

NYMPHÆA ELEGANS.

A pretty species, producing fragrant flowers. The size of our common Water Lily. Color white, tinged with purplish-blue. The stamens are clear yellow, tipped with blue; a charming flower. Native of New Mexico \$1.00 each.

NYMPHÆA FLAVA.

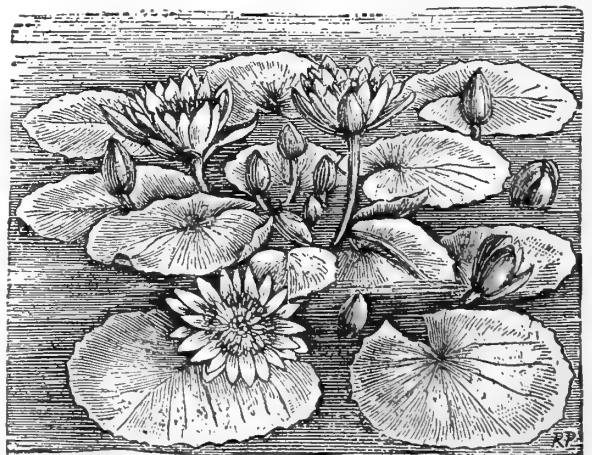
The well-known yellow Water Lily of Florida. 25 cts. each; \$2.50 per doz.

NYMPHÆA GRACILIS.

A Mexican variety of great merit, being the only white day-blooming tropical variety under cultivation; is worthy of special interest. The flower is white; stamens rich golden-yellow. A very distinct and free-flowering variety, the flowers standing well above the water, and possessing a delicate fragrance resembling Lily of the Valley. \$1.00 each.

NYMPHÆA GIGANTEA.

One of the handsomest of *Nymphæas*, the color being a satiny blue, shading to white, with yellow silk-like stamens. The leaves are dentated, green above, and bright purple beneath. It is very impatient of root disturbance, and often a check from some unknown cause will result in the plant forming a tuber and resting for an indefinite period. A most desirable *Nymphæa*, and one of the very best in cultivation. \$2.50 each; extra size, \$5.00 each.



NYMPHÆA ZANZIBARENSIS.

HARDY WATER LILIES.

NELUMBIUMS.

No flowering plants, aquatic or others, are more worthy of cultivation than the Nelumbiums, and none can be cultivated more easily. If they never bloomed, their foliage alone would be enough to win the admiration of everyone. Their enormous leaves, of tender bluish-green, held aloft on tall flexible stalks, sway and wave in the lightest winds. But when this is crowned with a wealth of beautiful flowers, gigantic in size, exquisitely tinted, perfect in form, and with a perfume strong yet delicate, it is easily understood why they hold the foremost place amongst aquatics.

Nelumbiums are perfectly hardy when established, and withstand the rigors of winter in the Northern States. They may be grown under same conditions as the hardy Nymphæas, but should not be planted as early as the latter, the middle to the latter end of May is early enough in northern sections; when planting is unavoidably delayed until the end of May or June, established plants in pots are preferable.

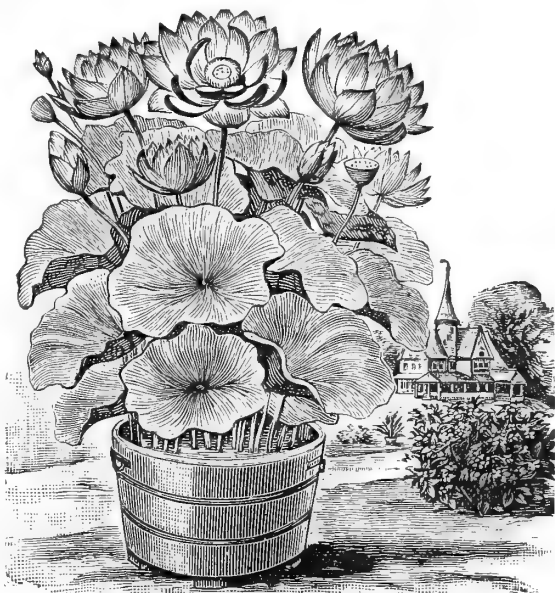
Some varieties are slow in growth after transplanting, and it may be the second year before they flower; but the second and third seasons generally repay for any extra care or patience expended.

Album Grandiflorum. A grand white variety whose purity, fragrance, noble form, size, majestic foliage and hardness stamp it as one of the very best hardy white flowers. \$1.50 each; \$15.00 per doz.

Album Striatum. The flowers of this exquisite variety are pure white, the edges of the petals are irregularly striped and tipped with rosy carmine. Their fragrance is quite distinct from the other varieties, somewhat resembling that of Magnolia. The plant is very vigorous and rivals in stately growth that of the N. Speciosum. \$1.50 each; \$15.00 per doz.

Kermesinum. Another distinct and charming variety, bearing flowers resembling the Hermosa Rose in color; the earliest flowering variety blooming end of June in this section. It received a first-class certificate of merit from the Mass. Horticultural Society. \$1.50 each; \$15.00 per doz.

Kinshiren. A distinct and beautiful sort; flowers white, shaded pink. It is very free-flowering, coming into bloom early and continuing throughout the season; a splendid variety to grow in tubs. \$1.50 each; \$15.00 per doz.



NELUMBIUM SPECIOSUM.

Luteum (American Lotus, Water Chinguepin). A superb variety with uniform yellow flowers. This variety is indigenous in the Western and Southern States. It has been introduced into the Eastern States, where, as a rule, it grows as freely as any native plant, although occasionally it is difficult to establish, evidently from local causes. 75 cts. and \$1.50 each; \$7.50 and \$15.00 per doz.

Roseum. Flowers of a uniform deep rose pink color, much darker than Speciosum. \$1.50 each; \$15.00 per doz.

Speciosum (Egyptian Lotus). The well-known and far-famed species. Its superb flowers and magnificent foliage produce a splendid sub-tropical effect. The flowers, which are about a foot across when fully opened, are of a deep rose color, with a soft creamy white at bases of the petals; exquisitely fragrant. (See cut.) Flowering tubers 75 cts. and \$1.50 each; \$7.50 and \$15.00 per doz.

SPECIAL OFFER.—The set of 7 Nelumbiums (one of each) for \$8.00.

The prices quoted are for tubers; pot-grown plants can be supplied after June 1st at an advance of 25 per cent.



NYMPHÆA GLADSTONIANA.

NYMPHÆAS.

Alba. The well-known white European Water Lily. 50 cts. each; \$5.00 per doz.

Alba Candidissima. The large flowering variety of the English Water Lily; flowers 6 inches in diameter; pure white with broad petals; the earliest flowering variety, and continuous until frost; a superb variety. 50 cts. each; \$5.00 per doz.

Gladstoniana. A beautiful glistening white variety of N. Alba of recent introduction and of great merit. Not only is it superior in point of size and substance of flower, but begins flowering earlier and continues later than any other hardy variety. Flowers exhibited by us at Boston in September '98 were greatly admired and were awarded a first-class certificate of merit. \$1.00 each; \$10.00 per doz.

NYMPHÆAS—Hardy Varieties—(Continued)

Laydekeri Lilacea. French hybrid, flowers lilac-rose, shaded bright carmine, tea-rose fragrance; moderate grower and very free-flowering; an exquisite variety. \$3.00 each.

Laydekeri Purpurata. Flowers large and symmetrical, of a wine-red color, shaded crimson, stamens bright red. Very free-flowering. \$3.00 each.

Laydekeri Rosea. One of the best additions to this class of plants. The flowers, on opening, are a delicate pink with a deep golden centre; next day the petals are many shades deeper, the sepals retaining their whiteness inside; the outer ray of stamens rich deep yellow, centre ones orange; the third day the petals assume a deep rose color. It frequently happens that several flowers in different stages of development are to be seen at the same time, which presents a novel feature, as it appears at first sight as if one plant produced different colored flowers. \$2.50 each.

Marliacea Albida. A fine white Water Lily of the English type. The color is sparkling white. The flowers are fragrant and freely produced. First-class in size and beauty. 75 cts. each; \$7.50 per doz.

M. Carnea. Similar to the preceding variety in habit, very robust and free-flowering; magnificent flowers of a delicate blush; vanilla-scented. \$1.00 each.

M. Chromatella. In general habit similar to *N. Candidissima*, and it succeeds admirably under the same conditions. The leaves are mottled with brown when in a young state, and its large, fragrant flowers, which are a beautiful clear yellow, with bright orange stamens, are produced from early spring until frost. 50 cts. each; \$5.00 per doz.

M. Rosea. One of the choicest of hardy pink Lilies. The large cup-shaped flowers with broad petals are very freely produced, and very similar to *N. M. Carnea*, but a much deeper color, being a soft rose of exquisite tint. \$1.50 each.

Odorata. The well-known fragrant Pond Lily. Pure white flowers. Is worthy of a place among the choicest varieties. All *Nymphæas* of this type are useful for naturalizing. 20 cts. each; \$2.00 per doz.

O. Caroliniana. This superb variety is the grandest of the *Odorata* type, and cannot be too highly recommended. The plant is robust and very free-flowering, continuing until frost sets in. The flowers on well-grown specimen plants are very large, measuring 7 inches in diameter; the color is of the clearest pink deepening to the centre of the flower, the golden stamens reflecting a lovely salmon tint; deliciously fragrant. \$1.50 each.

O. Exquisita. This is the deepest colored of all the hardy *Nymphæas*, resembling *N. O. Rosea* in habit and growth. Flowers larger and of a rich rosy carmine color, with delicious fragrance. \$1.50 each.

O. Gigantea. This is a superb variety and should be in every collection, similar in all respects to *N. Odorata*, but the flower is very large and full. 20 cts. each; \$2.00 per doz.

O. Luciana. This variety is identical with *N. O. Caroliniana*, save in color, which is rosy carmine, retaining its right color until the end of the season. \$2.00 each.

O. Maxima. Quite distinct from and very much superior to *N. Odorata*. Its flowers are large, massive and cup-shaped; the broad petals, of purest snowy white, so numerous that the flower is apparently double; the sepals vivid green; without the slightest tinge of red. It is a vigorous free-flowering variety, and unquestionably the best white hardy *Nymphæa* of the *Odorata* type. 30 cts. each; \$3.00 per doz.

O. Minor. A pretty little variety of our native Pond Lily, equally as hardy and fragrant, but the flowers and leaves are much smaller. 20 cts. each; \$2.00 per doz.

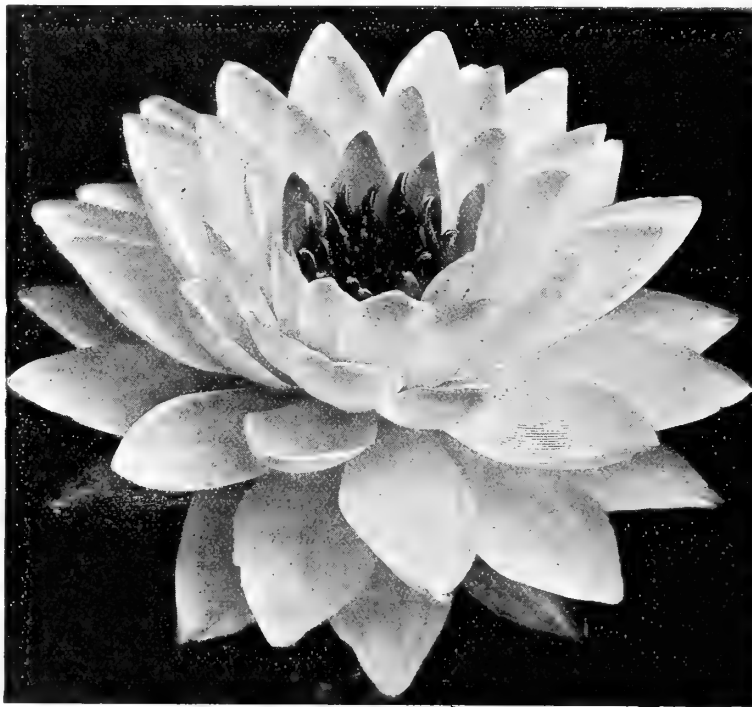
O. Rosea (Pink Cape Cod Water Lily). It possesses all the desirable qualities of *N. Odorata*. The flowers are of large size, cup-shaped; a lovely deep pink in color; delicious fragrance and free bloomer; a most desirable variety. 50 cts. each; \$5.00 per doz.

O. Sulphurea. One of the very best, with large, yellow

fragrant flowers, standing a few inches out of the water. It is very free blooming and has the fragrance of *N. Odorata*. The leaves are deep green, beautifully mottled with reddish-purple or brown spots. 50 cts. each; \$5.00 per doz.

Pygmæa. A little gem, the smallest flowering species in cultivation; leaves green, 2 to 3 inches in diameter, flowers pure white, fragrant, and no larger than half a dollar; a native of China and quite hardy. 50 cts. each.

P. Helvola. This charming variety is admirably adapted for the aquarium, small basins and tubs; an abundant bloomer; flowers a trifle larger than the type; petals more pointed and sulphur-yellow. The leaves are deep green, blotched with reddish-brown. 75 cts. each; \$7.50 per doz.



NYMPHÆA RICHARDSONII.

Tuberosa. This is a native species found in the Northern and Western lakes. White flowers, fragrant. A strong grower and interesting variety. Good for naturalizing. 20 cts. each; \$2.00 per doz.

T. Richardsonii. This variety is less vigorous than *N. Tuberosa*. Flowers pure white and quite double, the stamens being converted into petals which are more or less fluted in the centre. The flowers stand well above the water; the sepals and outer petals drooping forming a perfect globe. No variety in our Water Garden was admired by visitors more than this; the immense snowball-like flower, 8 inches in diameter, was declared to be the finest white Water Lily of all. (See cut.) 50 cts. each; \$5.00 per doz.

T. Rosea. Handsome flowers, exquisite pink, deliciously fragrant, one of the most desirable of hardy Water Lilies. \$1.00 each.

THE WATER GARDEN.

A new book giving full cultural directions. \$2.00 per copy, postpaid, or **FREE** with an order for plants amounting to \$20.00 or over, when accompanied by remittance.

MISCELLANEOUS AQUATICS. (Tender Varieties.)

Cyperus Alternifolius. An excellent plant for growing in water or damp places; will thrive in any good soil, and always presents a green and attractive appearance. (See cut.) 15 cts. and 25 cts. each.

Cyperus A. Variegata. Beautiful variegated form of above, very attractive and desirable. 50 cts. each.

Cyperus Gracilis. A pretty new form with very narrow foliage. 15 cts.

Cyperus Papyrus (*Papyrus Antiquorum*). This is the true Egyptian Paper Plant. From the snow-white pith of its triangular stalks the first paper was made. They are 5 to 8 feet high, and support at the top a tuft of long thread-like leaves, which give the plant a graceful and striking appearance. It grows finely in shallow water with rich soil, and makes a splendid companion for flowering aquatics. It will also flourish and make a fine clump in the garden, with no more water than *Cannas* require to make them do well. 25 cts. each; extra size 50 cts. and \$1.00 each.

Eichhornia Azurea. This species of "Water Hyacinth" produces large spikes of flowers, of a lovely shade of lavender blue, with a rich purple centre; petals delicately fringed. 25 cts. each.

Eichhornia Crassipes Major (*Water Hyacinth*.) A very showy aquatic, bearing very freely flowers of a delicate lilac rose in trusses like a Hyacinth. The individual blooms are 2 inches in diameter. It should be grown in about 3 inches of water, so that the ends of the roots can enter the soil. 15 cts. each; \$1.50 per dozen.

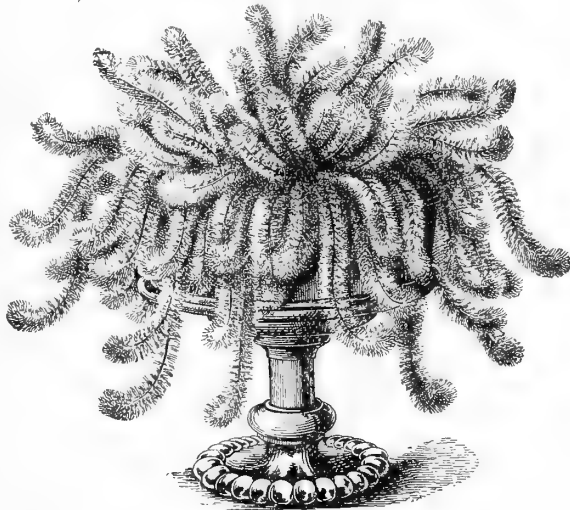
Jussiaea Longifolia. A very attractive and desirable aquatic, growing 2 to 3 feet high. Erect, slightly drooping at the points, and producing numerous axillary flowers of a rich golden-yellow, somewhat like an Evening Primrose. A good plant for tubs or planting on edge of pond. 25 cts. each.

Limnanthemum Trachyspermum (*The Fairy Water Lily*). Resembles a miniature Water Lily. The leaves are about 3 inches in diameter, flowers pure white, and borne close to the leaves and upon the same stem. 15 cts. each.

Limnanthemum Indicum (*Water Snowflake*). A very pretty floating species, with light green, roundish leaves, and pure white flowers, most beautifully fringed. 20 cts. each.



CYPERUS ALTERNIFOLIUS.



PARROT'S FEATHER.

Limnocharis Humboldtii (*The Water Poppy*).

A pretty little aquatic, with oval leaves, and yellow, poppy-like flowers, standing out of the water. Fine for growing in shallow water or an aquarium. 15 cts. each; \$1.50 per dozen.

Limnocharis Plumieri.

An erect-growing plant, standing 1 to 2 feet out of the water, with elliptical leaves 4 to 6 inches long, and of a rich velvety green. Flowers straw color. 25 cts. each.

Myriophyllum Proserpinacoides (*Parrot's Feather*).

Long trailing stems, clothed with whorls of the most exquisite foliage, as finely cut as the leaves of the Cypress Vine, and much more delicate. Planted in a water-tight hanging-basket, so water can be kept stand-

ing on the surface, it will trail finely. (See cut.) 10 cts. each; \$1.00 per doz.

Ouvivandra Fenestralis (*Lace-leaf or Lattice-leaf Plant*).

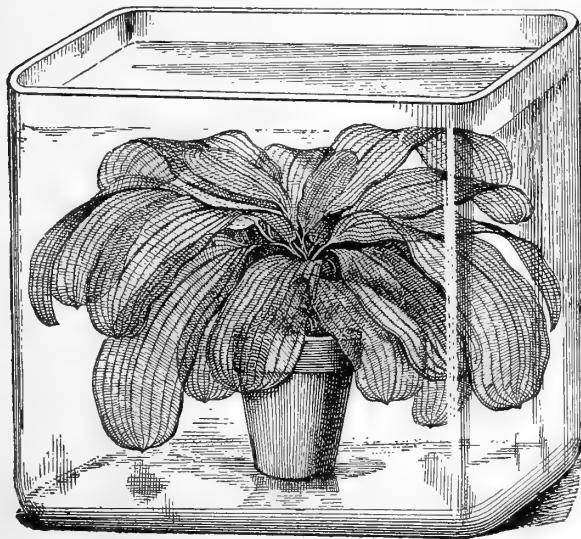
The chief interest of this plant lies in the remarkable singularity of the leaves, which are of a dark, olive-green color, merely a network of vascular tissue, resembling lace, or a skeletonized leaf. A compost of good, rich soil, as recommended for water lilies, is suitable for this plant. The pot or pan should be placed in a tub of water and kept clean and sweet, and from direct sunlight. (See cut.) Price \$2.50 each; specimen plants \$5.00 each.

Pistia Stratiotes. A very curious floating plant. It forms a rosette of light green velvety leaves, about 6 inches across; likes plenty of heat, and should be shaded from the direct rays of the sun. 15 cts. each.

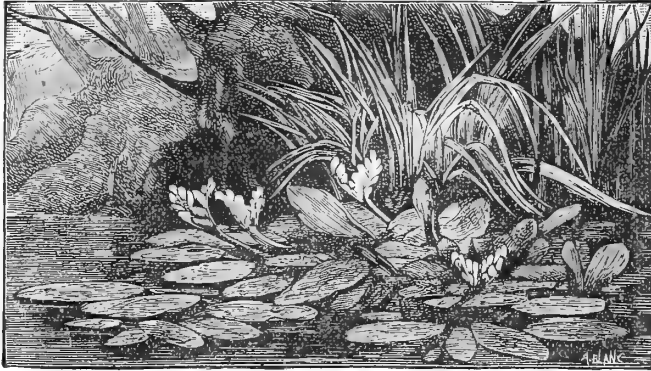
Sagittaria Lancifolia. A strong growing and very attractive species. Unlike the more familiar varieties, its leaves are lanceolate, 18 inches long. The scape rises 5 feet high and is covered with large, handsome, pure white flowers, 2 inches in diameter. Price 20 cts. each; \$2.00 per doz.

Sagittaria Graminea. The smallest form of *Sagittaria*; grass-like leaves; flowers white; produced in great abundance and remains in bloom longer than any other variety. Well adapted for tubs or aquariums. Price 15 cts. each.

Sagittaria Montevidiensis (*Giant Arrowhead*). Attains gigantic proportions, growing 4 to 5 feet high; leaves 15 inches long; flower-scape towers above the foliage, bearing white flowers with dark blotch at base of each petal. 20 cts. each; \$2.00 per doz.



Miscellaneous Aquatics.—Hardy Varieties.



APONOGETON DISTACHYON.

- Caltha Palustris** (*Marsh Marigold*). Large, bright yellow flowers, produced early in spring. 15 cts. each.
- Caltha Palustris Fl. Pl.** Large, double golden-yellow flowers, resembling a Double Begonia; blooms in spring. 25 cts. each.
- Limnanthemum Nymphaeoides** (*Villarsia*). A pretty hardy aquatic, with Nymphaea-like leaves and golden-yellow flowers, freely produced; a very rapid grower. Must be kept in bounds, or it will become a troublesome weed. 15 cts. each; \$1.50 per doz.
- Limnanthemum Lacunosum** (*Floating Heart*). A pretty little aquatic, with blotched leaves, like a Cyclamen, pure white flowers. 15 cts. each; \$1.50 per doz.
- Orontium Aquaticum.** Beautiful, velvety green leaves on the upper surface, and of a bright silvery-white color on the back; flower small yellow. 15 cts. each; \$1.50 per doz.
- Peltandra Virginica** (*Water Arum*). Leaves on long petioles, something like a Calla in outline, with greenish flowers, growing a foot or more out of the water. 15 cts. each; \$1.50 per doz.

Acorus Japonica Variegata (*Variegated Sweet Flag*). One of the finest variegated plants in cultivation. It grows well in moist soils. 25 cts. each; \$2.50 per doz.

Acorus Gramineus Variegatus. Dwarf growing, with leathery leaves, beautifully margined with white; a handsome plant for margins or pot culture. 20 cts. each.

Aponogeton Distachyon (*Cape Pond Weed*). A very interesting aquatic. The fork-shaped spikes of pure white flowers are freely produced, and have the fragrance of Hawthorn. (See cut.) 25 and 50 cts. each; \$2.50 and \$5.00 per doz.

Brasenia Peltata (*Water Shield*). A very pretty plant, suitable for aquariums or edgings of small aquatic gardens. Flowers small, dull purple. 10 cts. each; \$1.00 per doz.

Pontederia Cordata (*Pickereel Weed*). A free-flowering plant, growing about 2 feet high, and producing spikes of closely-set blue flowers. 15 cts. each.

Saururus Cernuus (*Lizard's Tail*). A desirable plant for margins; 2 to 2½ feet high; leaves heart-shaped; fragrant white flowers produced in a terminal raceme 4 to 6 inches long, drooping at the end. 20 cts. each; \$2.00 per doz.

Scirpus Tabernaemontana Zebrina. A very ornamental rush, growing 3 to 4 feet high, producing leaves variegated, with alternate bands of green and pure white. It may be grown as an aquatic, or as a garden or winter plant. 15 cts. each; \$1.50 per doz.

Sagittaria Japonica Fl. Pl. Very similar to our native species, but producing immense spikes of pure white double flowers. 20 cts. each; \$2.00 per doz.

Typha Latifolia. The well-known Cat Tail, very desirable for the water garden. 15 cts. each; \$1.50 per doz.

Zizania Aquatica (*Wild Rice*). This native aquatic annual is very ornamental in the water garden; its graceful panicles of bloom are produced on stalks 5 to 10 feet high; should be grown in shallow water. 10 cts. each; 75 cts. per doz.

AQUARIUM PLANTS.

Nothing is more interesting than to watch the development of aquatic plants in an aquarium. We grow large quantities of such varieties as we have found to succeed with the amateur. The following is a list of the best sorts:

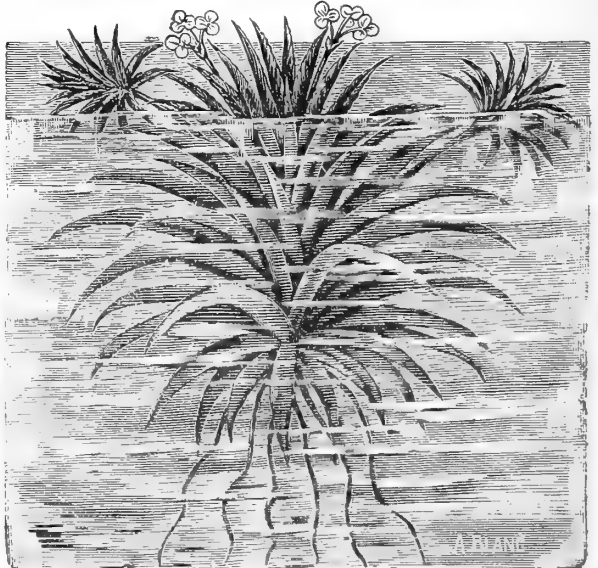
- Azolla Filiculoides** (*Floating Moss*). A most pleasing and interesting plant. The leaves are deep green, reddish on edges and under side, resembling moss. 15 cts. each.
- Cabomba Viridifolia.** The most pleasing of all the submerged plants; leaves brilliant, glossy green, fan-shaped, regularly cut and more beautiful than the most delicate fern. 15 cts. each.
- Hydrocharis Morsus-ranæ.** Rosettes of light green, heart-shaped, floating leaves and pendant silky roots; flowers white. 20 cts. each.
- Ludwigia Mulertii.** A submerged plant with floating stems; the small ovate leaves are of a bright bronzy green; small yellow flowers produced above water. 15 cts. each.
- Myriophyllum** (*Parrot's Feather*). (See page 111.)
- Pistia Stratiotes** (*Water Lettuce*). A very ornamental aquarium plant; leaves wedge-shaped, 2 to 5 inches long; it forms a rosette of light green velvety leaves. 15 cts. each.
- Sagittaria Graminea.** (See page 111.)
- Sagittaria Natans.** This plant is indispensable for the aquarium; its long strap-like green leaves resemble the well-known *Vallisneria*. 15 cts. each.
- Salvinia Braziliensis.** This pretty little floating aquatic is suitable for all aquaria. The leaves are a soft green, covered with a delicate hairy surface. 15 cts. each.
- Stratiotes Aloides** (*Water Aloe*). This resembles a *Pandanus*, but grown under water instead of above; it has long spiny recurving leaves and spikes of white flowers, which are produced above the water. (See cut.) 25 cts. each.
- Trapa Natans** (*Water Chestnut or Water Caltrops*). An aquatic annual, producing white flowers with purple claws, floating among the foliage on the surface of the water. The fruit is very curious. 25 cts. each.
- Vallisneria Spiralis** (*Tape or Eel Grass*). Ribbon-like. A submerged plant with leaves about 6 inches long; free-growing and desirable. 15 cts. each.

Cyperus. Various sorts. (See page 111.)

Eichhornia (*Water Hyacinth*). (See page 111.)

Limnobium Spongia (*American Frog-Bit*). A pretty aquatic, with dark green, heart-shaped leaves, purplish underneath. 10 cts. each.

Limnocharis (*Water Poppy*). (See page 111.)



STRATIOTES ALOIDES (*Water Aloe*).

DREER'S SELECT GREENHOUSE GARDEN & GREENHOUSE PLANTS



Our general collection of Garden and Greenhouse Plants is probably more extensive than that of any other house, and has been most carefully selected. Sensational novelties which appear one season only to disappear the next have been excluded. In the list will be found many old friends which will be valued in any collection, among them gems which found room in some of our earliest catalogues sixty years ago, and which appeal as strongly to the flower lover of to-day as they did then.

We are not, however, losing sight of new plants, and no expense is spared to keep abreast of the times. Our own representatives annually visit the horticultural centres of both America and Europe in search of novelties, which are only offered after careful trial or upon endorsements from the most reliable sources.

Our list of such plants as Cannas, Carnations, Chrysanthemums, Fuchsias, Geraniums, etc., etc., is carefully revised each season, it being our aim to present to our patrons a condensed list of twelve, twenty or twenty-five of the best varieties rather than a long, confusing list containing many sorts which, while they may possess merit, are not distinct. These collections have been made up after the most exhaustive trials and careful comparisons.



ABUTILON SOUVENIR DE BONN.

ABUTILONS.

Savitzi. Large deep green foliage with a broad white margin, not unlike the silver-leaved Geraniums. The plant is of dwarf, compact growth.

Souv. de Bonn. Similar to the above, but a stronger grower. The white variegation being confined to a narrower margin. (See cut.)

Boule de Neige. Fine, pure white.

Eclipse. A splendid variegated variety, especially suited for baskets and vases; foliage marbled green and yellow, flowers of fair size, sepals scarlet, petals orange buff.

Golden Fleece. Fine pure yellow, remarkably free-flowering.

Mrs. John Laing. Purplish-rose.

Royal Scarlet. Rich shining scarlet, very fine.

Rosæflora. Pretty pinkish-rose.

Splendens. Freck-flowering, bright red.

Thompsoni Plena. Perfectly double flowers that resemble in form a Double Hollyhock; rich deep orange, streaked with crimson.

Erecta. Bright pink with orange veins, flowers erect.

Enfanta Eulalia. Delicate satiny pink, very free.

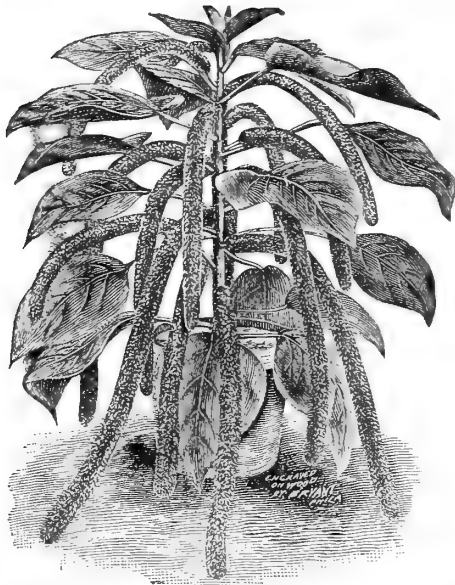
Price: 10 cts. each; \$1.00 per doz. Set of 12 varieties for \$1.00.

ACACIA ARMATA.

A most desirable house plant, succeeding under the same conditions as an Azalea or Camellia; the bright canary-yellow globular flowers are produced in March and April; very effective; fine specimen plants. \$1.00 each.

New and Rare Plants.

We have a very fine lot of the above, which we offer on pages 11 to 16. We also offer some grand new Water Lilies, which will be found on pages 104 to 106.



ACALYPHA SANDERI.

AGAPANTHUS.

Umbellatus (*Blue Lily of the Nile*). A splendid ornamental plant, bearing clusters of bright blue flowers on long flower stalks and lasting a long time in bloom. There is no finer plant for outdoor decoration, planted in large pots or tubs on the lawn, terrace or piazza. It does well in the house or greenhouse in winter, a rapid grower, and increases in size and beauty every year; the chief point in its cultivation is to divide the plants before the pots or tubs become overcrowded with roots. 20 cts. each; \$2.00 per doz.

Umbellatus Albus. A beautiful white flowering variety of the above. 25 cts. each.

Mooreanus. Of dwarf and more compact habit than the above, and exceptionally free-flowering, the smallest plants throwing up flower spikes with large umbels of from 30 to 50 flowers of a beautiful dark blue. The plant is almost hardy, requiring but little protection, and should find a place in every garden. (See cut.) 20 cts. each; \$2.00 per doz.

One each of the 3 varieties for 50 cts.

ALOCASIA ILLUSTRIS.

An excellent plant to grow in connection with fancy-leaved Caladiums or for planting in the open border in a partly shaded position. The foliage is large, of a dark green, clouded with a velvety blue-black. 15 cts. each; \$1.50 per doz.

ALTERNANTHERA.

Beautiful dwarf plants of compact habit, growing about 6 inches high, and admirably adapted for edgings, beds or ribbon lines; always attractive and highly ornamental.

Aurea Nana. Bright golden yellow.

Amena Spectabilis. Crimson, pink and bronze; the richest and brightest.

Rosea Nana. Very dwarf, rosy crimson.

Versicolor. Olive, crimson and chocolate.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

ACALYPHA SANDERI.

Without a doubt the most sensational new plant introduced for many years and one of the most striking flowering ornamental plants we have ever seen. It is of strong free growth with large dark green leaves, from each axil of which, 1 to 3 feet long and nearly 1 inch thick, rope-like spikes of velvety crimson flowers are gracefully suspended, as shown in our illustration, which conveys but a faint idea of the beauty and distinct warm coloring of this splendid acquisition; but the remarkable floriferousness and the great size of the spikes of flowers (compared to the plant) is fairly well shown. The plant is in flower the year round, and is as easily grown as a Coleus, simply requiring a warm temperature to develop its full beauty. Specimen plants 6 feet high, with from 40 to 60 spikes of flowers from 2 to 3 feet long, were sold in Philadelphia during the past autumn at from \$12.00 to \$15.00 each. (See cut.) 15 cts. each; 4 for 50 cts.; \$1.50 per doz.

ACALYPHA MACAFEANA.

A handsome variegated foliage bedding plant, which may be used in connection with Coleus, Crotons or other foliage plants for sub-tropical bedding. 15 cts. each; \$1.50 per doz.; \$8.00 per 100.

ACHIMENES.

Tropical plants for summer blooming; the scaly tubers must be preserved entirely dry during the winter. In early spring pot in peat, sand and a little light soil. They delight in heat, moisture and shade while growing, but in a cooler temperature when in bloom. Do not water the foliage. Excellent for baskets. (See cut.) Six choice varieties named. 15 cts. each; \$1.50 per doz.



ACHIMENES.

ACHYRANTHUS.

Indispensable for bedding purposes, either for massing or in ribbon work, the brilliant foliage forming a marked contrast with all other plants.

Acuminata. Large bronzy purple foliage.

Emersoni. Foliage deep red shading to pink.

Either of the above 10 cts. each; \$1.00 per doz.; \$6.00 per 100.



AGAPANTHUS MOOREANUS.

AGERATUM.

Princess Pauline. A novel variety of dwarf, compact habit, rarely exceeding 8 inches in height. Its peculiarity consists of both blue and white being combined in the same flower, the body of the flower being white while the stamens, forming an outer ring, are sky-blue, giving the flower a pretty variegated appearance. (See cut.)

Blue Perfection. A splendid dwarf dark blue bedding variety.

Blanche. Pure white, dwarf, compact habit.

Any of the above 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

ANTHERICUM.

Vittatum Variegatum. A most desirable vase or window-box plant; long narrow green foliage edged with white.

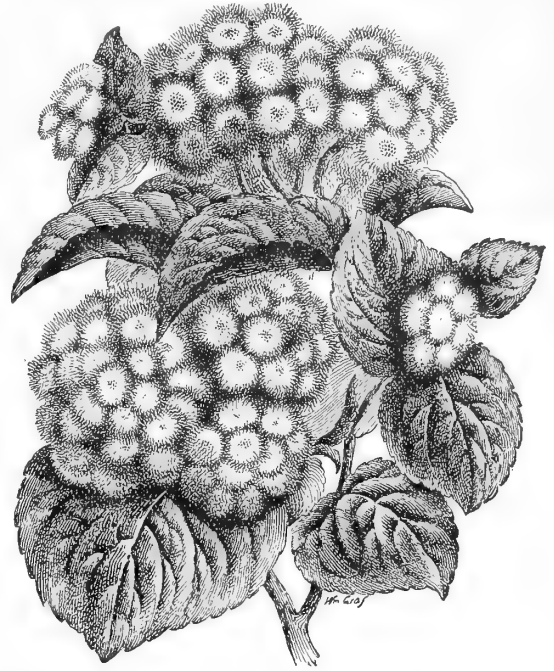
Picturatum. Similar to the above, but differing in its markings, the centre of the leaf being white with green edges.

Either of the above 15 cts. each; \$1.50 per doz.

ALLAMANDA WILLIAMSII.

This handsome variety is entirely distinct from all others, being quite dwarf and forming a compact bush with trusses of bloom at every point. It continues flowering the whole summer, and, with proper management, in the winter also. The flowers are from 3 to 4 inches in diameter, of a very rich yet delicate tint of yellow, and are deliciously scented. (See cut.) Good strong plants 25 cts. each; \$2.50 per doz.

Amaryllis. See page 100.



AGERATUM, PRINCESS PAULINE.

ALOYSIA

CITRIODORA.

(Lemon Verbena.)

A universal and well-known favorite, grown principally for its deliciously scented foliage. 10 cts. each; \$1.00 per doz.



ALLAMANDA WILLIAMSII.

ANTHEMIS

CORONARIA

DOUBLE.

One of the most useful plants for bedding or pot culture. It bears its golden yellow double flowers profusely during the entire season. 15 cts. each; \$1.50 per doz.



ANTHURIUM SCHERZERIANUM.

ANTHURIUMS (Flamingo Flower).

Pretty greenhouse plants that do not receive the attention they deserve, but which we are certain will, when their many good qualities are better known, become popular, not only as decorative plants, but as cut flowers, for which many of the varieties, on account of their peculiar-shaped flowers and rich colorings, which frequently last on the plant from two to three months, especially adapt them.

Andreanum Hybrids. A fine collection of seedlings, from which we can select the following colors, all in large-sized flowers, brilliant scarlet, salmon, dark red and rose. \$1.00, \$1.50 and \$2.00 each.

Scherzerianum. Brilliant scarlet flowers. 50 cts. to \$1.00 each.

— **Album.** White-flowered form of the above. \$2.50 each.

— **Rothschildianum.** Creamy white, spotted with crimson. \$2.00 each.

— **Sanguineum.** Rich crimson. \$1.00 each.

ARAUCARIA (Norfolk Island Pine).

Excelsa. The most popular of all the tender evergreens; is becoming a greater favorite every season. As a decorative plant for the house this is one of the handsomest and most serviceable plants in our collection. (See cut.)

4-inch pots, 6 inches high,	EACH. 75c.	5-inch pots, 12 inches high,	EACH. \$1.50
4 " " 8 " " "	\$1.00	6 " " 15 " " "	2.00

Excelsa Glauca. This is identical with the above, except in the color of the foliage, which is of a beautiful bluish or glaucous color. The plants we offer of this are exceptionally heavy, fine dwarf specimens.

5-inch pots, 8 inches high,	EACH. \$1.00	6-inch pots, 15 inches high,	EACH. \$2.00
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Robusta Compacta. This differs from *A. Excelsa* in its more robust, but at the same time more compact growth, producing even a more symmetrical plant than *Excelsa*; the color is a rich deep green. Strong plants, in 5-inch pots, 10 inches high, \$1.50 each; 6-inch pots, 12 inches high, \$2.00 each; 7-inch pots, 15 inches high, \$2.50 each.

ARALIA.

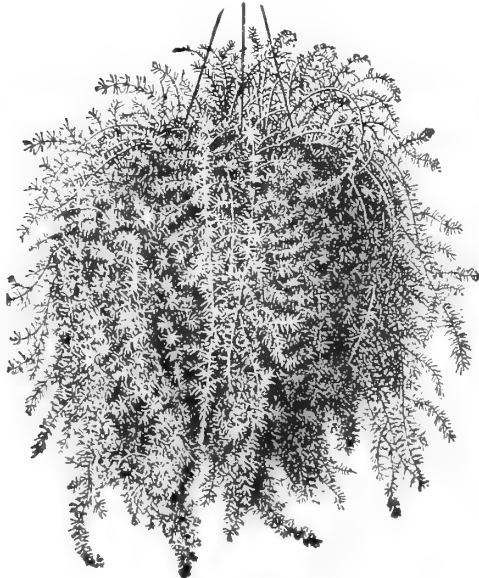
Sieboldii. A most excellent house plant, having large, deeply cut foliage, which is of a bright, cheerful green color. 25 cts. each.

Sieboldii Variegata. A pretty, variegated form of the above; strong plants, 50 cts. each.

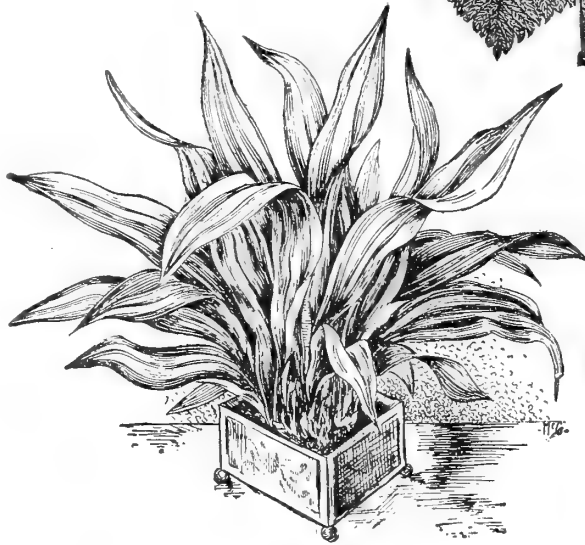
Chaubrieri. A most graceful species, with finely divided bronzy-green foliage; useful table plants. 18 inches high. \$1.50 each.

ARDISIA CRENULATA.

A very ornamental greenhouse plant, with dark evergreen foliage, producing clusters of brilliant red berries; a first-class house plant in winter. 25 and 50 cts. each, according to size.



ASPARAGUS SPRENGERI.



ASPIDISTRA LURIDA VARIEGATA

hall or corridor plant. 50 cts., 75 cts. and \$1.00 each.

Lurida Variegata. A pretty, variegated form of the above, the foliage being striped with white. (See cut.) 75 cts. and \$1.00 each.

ASPARAGUS.

Sprengeri. A most desirable species, especially useful to grow as a pot plant for decorative purposes or for planting in suspended baskets; the fronds are frequently 4 feet long, of a rich shade of green, and most useful for cutting, retaining their freshness after being cut for weeks. It will make an excellent house plant, as it withstands dry atmosphere and will succeed in almost any position. (See cut.) Good young plants 15 cts. each; \$1.50 per doz.; strong plants 25 cts. each; \$2.50 per doz.; large specimen plants \$1.00 each.

Plumosus Nanus. This graceful climbing asparagus has, to a great extent, taken the place of the once popular *Smilax* in all fine decorations. It possesses the advantage of being much more graceful, its foliage being finer than that of the most delicate fern, and will last for weeks after being cut, the whole plant being of a bright, cheerful green. It is an excellent house plant, succeeding under almost any conditions. 15 and 25 cts. each; \$1.50 and \$2.50 per doz.

Tenuissimus. A beautiful species of climbing habit. Remarkable for the extreme delicacy of its foliage. As a decorative plant for contrast with the foliage of other plants it is one of the most effective. 15 cts. each; \$1.50 per doz.



ARAUCARIA EXCELSA.

Aristolochia Gigas Sturtevantii.

(Duck Plant.)

Of all aristolochias this is the most curious and interesting. The flowers are heart-shaped, from 8 to 10 inches in diameter, of a creamy white color, the interior beautifully mottled with deep claret purple, deepening towards the throat to solid purple. An exterior view of the flower resembles a duck, hence the name. \$1.00 each.

ASPIDISTRA.

Lurida. A very useful and durable decorative plant of strong growth; will succeed in any position; an excellent



CHINESE AZALEA

BOUVARDIAS.

Shrubby plants, with corymbs of white, rose, crimson and scarlet flowers, blooming during the autumn and winter. Their dazzling richness of color makes them one of the most useful of our winter-blooming plants.

- Alfred Neuner.** Flowers composed of three perfect rows of petals of the purest waxy white color.
 - Davidsoni.** The best of the single white varieties; sometimes delicately tinged with pink.
 - Elegans.** A fine single red variety; very free-flowering.
 - President Garfield.** Double pink.
 - Rosea Multiflora.** Beautiful shade of salmon-rose; very free blooming.
- Price, 15 cts. each; \$1.50 per doz.**
Set of 5 varieties for 60 cts.

BOUGAINVILLEA SANDERIANA.

This beautiful free-flowering variety was introduced about three years ago, and on account of its free-blooming qualities has become very popular, especially as a plant for Easter decorations. It is of strong and rapid growth, and the brilliant rosy-crimson blossoms are produced from early in March until midsummer, in fact a plant will frequently flower the greater part of the year. Altogether it is a most desirable subject for the conservatory or window garden. (See cut.) 25 cts. each.

BROWALLIA SPECIOSA MAJOR.

A giant flowering form of this beautiful genus, flowering continually summer and winter, which may be grown either in the border or as a pot plant. Its beautiful ultramarine blue color, which is rare in all classes of plants, makes it especially valuable and desirable. (See cut.) 15 cts. each; \$1.50 per doz.

CAMELLIA JAPONICA.

Fine bushy plants 15 inches high. A choice assortment of 12 varieties. 75 cts. each; \$7.50 per doz. Stronger plants, 18 to 20 inches high, bushy, \$1.00 each; \$10.00 per doz.

CAREX JAPONICA VARIEGATA.

A new ornamental Japanese grass which is extremely useful as a house plant, of easy growth, standing the dry atmosphere of heated rooms with impunity, and at the same time hardy if planted out in the garden in summer. 15 cts. each; 4 for 50 cts.

CHINESE AZALEAS.

These beautiful plants are deservedly becoming more popular every season for window and conservatory decorations. The ease with which they can be grown, their diversity in color, and freedom of flowering will always keep them in public favor. The plants we offer are all beautifully trained specimens, and even when not in flower are fine decorative plants. Our collection comprises the cream of the best Continental establishments; all the sizes offered will flower freely in proper season.

- Apollo.** Large semi-double blood red.
- Bernhard Andreas Alba.** Fine double white.
- Chicago.** Double, soft pink, each petal edged white.
- Dr. D. Moore.** Double, intense violet rose.
- Deutsche Peffe.** Double, pure white, extra early flowering.
- De Schryveriana.** Double, rich salmon, bordered white.
- Empress of India.** Fine double deep rose, edged white.
- John Llewelyn.** Very double, flesh pink, white border.
- Mme. Van der Cruyssen.** Semi-double, bright rosy red.

Mme. C. van Langenhove. White striped and splashed with red.

Niobe. Fine double white, fringed petals.

Pharailda Mathilda. White spotted carmine.

Pres Oswald Kerchove. Soft pink edged white.

Pauline Mardner. Double, pure soft pink.

Sigismund Rucker. Lilac pink, edged and striped white. A fine early single.

Sacuntala. Very double, pure white.

Simon Mardner. Very double, intense rose.

Vervaneana. One of the finest doubles; beautiful rose edged with white. Very large flowers.

First size, 36 to 45 inches in circumference, \$1.50 each; \$15.00 per doz.
 Second size, 36 inches in circumference, \$1.00 each; \$10.00 per doz.
 Third size, 30 inches in circumference, 75 cts. each; \$7.50 per doz.
 Good bushy young plants, 50 cts. each; \$5.00 per doz.



BOUGAINVILLEA SANDERIANA.



An extra fine lot of specimen plants, 5 to 6 feet in circumference, \$4.00 each; \$45.00 per doz.



BROWALLIA SPECIOSA MAJOR.



BEGONIA DUKE ZEPPELIN.

BEGONIAS.

Flowering Varieties.

We know of no plants better adapted to amateur cultivation than these; as pot plants for summer or winter cultivation they have few equals.

Haageana. We consider this one of the finest ornamental flowering Begonias yet introduced. It is of strong, erect habit, producing naturally very symmetrical plants. The flowers, which are of the largest size, are of a creamy white, with just sufficient pink to give them a bright cheerful glow; the foliage is of large size, but not coarse, is of a bronzy green above and red below; it makes an admirable pot plant.

Alba Picta. A pretty species from Brazil; distinct in character. It is shrubby in habit and of compact growth; the leaves are glossy green, freely spotted with bright, silvery white.

Argentea Guttata. A cross between *Begonia Olbia* and *Alba Picta*, with foliage of large size, of rich green, spotted with silver.

Metallica. A fine erect-growing variety, with dark, rough leaves; the surface is a lustrous bronze-green; veins depressed and dark red.

Rubra. Dark green leaves, flowers scarlet rose, glossy and wax-like.

Saundersoni. Scarlet flowers, dwarf habit; in bloom continually.

Semperflorens Gigantea. The flowers of this sort are brilliant carmine red, borne in large panicles. The flowers are unusually large and brilliant, and stand well above the foliage.

Thurstonii. A distinct and pretty shrubby variety, with thick, heavy foliage, which is of a rich metallic-green above and bright red underneath; the flowers are of a fine pink, rising well above the foliage.

Vernon flora plena. A pretty double flowering form of this useful bedding variety.

Price: 15 cts. each; set of 9 varieties, \$1.00.

BEGONIA REX (Ornamental-Leaved Varieties).

Many improvements have been made in recent years in this useful house-plant. Our collection, which contains some 20 varieties, embraces all the good old varieties, as well as the best of recent introduction. (See cut.) 15 cts. each; \$1.50 per doz.



TUBEROUS-ROOTED BEGONIAS.

BEGONIAS.

Tuberous-Rooted Varieties.

This charming class of Begonias are perhaps the handsomest of all summer-flowering tuberous-rooted plants, and deserves much greater popularity. With the exception of the Dwarf Cannas, no other plants have, during the last decade, received such close attention from the hybridizer, and the improvements made during that period in size, texture and coloring is really phenomenal, with flowers frequently measuring from $4\frac{1}{2}$ to 6 inches across, and colors ranging from the purest white and the most delicate tints of pink, yellow and orange to the most intense scarlet and richest crimson, while the double flowering sorts are perfect rosettes, full and double to the centre. Their culture is of the simplest, and, with the least regard for their requirements, will repay with such an abundance and brilliancy of bloom, not equaled by any other class of plants; they delight in a rich, mellow, well-drained soil, where they can be liberally supplied with water, preferably in a position where they will be shaded from the direct rays of the sun during the hottest hours of the day, and will succeed equally well grown as pot plants for the conservatory or window garden. On the approach of cold weather the tubers should be taken up, and, after drying, stored away in dry sand or similar material, in a cool place, free from frost until spring, when they may be started in pots before planting in the garden.

Single. Scarlet, Orange, Crimson, Pink, White, Yellow, 10 cts. each; set of 6 colors 50 cts.; \$6.00 per 100.

Single. All colors mixed, 8 cts. each; 75 cts. per doz.; \$5.00 per 100.

Double. Scarlet, Pink, White, Yellow, 20 cts. each; set of 4 colors, 75 cts.; \$2.00 per doz.

Double. All colors mixed, 15 cts. each; \$1.50 per doz.

New Tuberous-rooted Begonia, Duke Zepelin.

A most useful and attractive variety that should soon become a favorite for bedding, possessing the great advantage over other tuberous-rooted Begonias of delighting in full sunshine. It is of dwarf habit, growing from 6 to 8 inches high, throwing up well above the foliage numberless stems bearing full, double dazzling-scarlet flowers, giving the whole plant a brightness, grace and elegance difficult to describe. A bed containing about 500 plants of this variety, for gorgeous effect, eclipsed anything we ever saw. (See cut.) Strong bulbs, 25 cts. each; \$2.50 per doz.



BEGONIA REX

Fancy-leaved Caladiums.

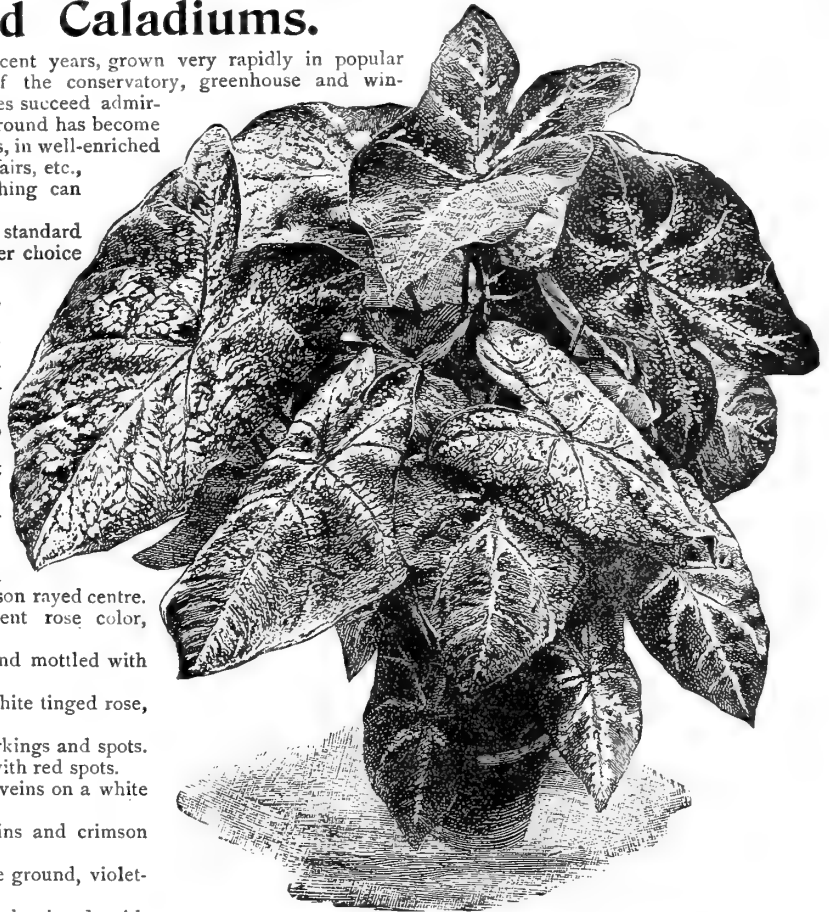
Fancy-leaved Caladiums have, in recent years, grown very rapidly in popular favor, not only for the decoration of the conservatory, greenhouse and window boxes, but nearly all of the varieties succeed admirably if planted out of doors, when the ground has become warm, in partly shaded, sheltered borders, in well-enriched light soil, while for exhibition plants at fairs, etc., during the summer and fall months nothing can equal their beauty.

We list below twenty-five of the best standard sorts, and carry in stock about fifty other choice varieties.

- Alphonse Karr.** Carmine centre, with red spots on a green ground.
- Argyrites.** The pretty miniature-leaved variety; marbled green and white.
- Baron Rothschild.** Green, spotted and veined with orange crimson.
- Bicolor pumila.** Centre rosy red, green margin; a neat dwarf variety.
- Boildieu.** Deep green, with bright crimson rayed centre.
- Chantini.** Green, red centre spotted white.
- De Candolle.** Green, spotted with red.
- E. G. Henderson.** Green, with transparent rose spots and mottled crimson rayed centre.
- Emile Verdier.** Light transparent rose color, spotted with red with a green margin.
- Houletti.** Green ground, suffused and mottled with creamy white.
- Imperatrice Therese.** Snowy white tinged rose, black-green ribs; very fine.
- Inhomirim.** Green, with white markings and spots.
- Lamartine.** Dark shining green, with red spots.
- Louis Duplessis.** Red rays and veins on a white ground, with green margin.
- Meyerbeer.** White, with green veins and crimson mid-rib.
- Mme. Fritz Koechlein.** White ground, violet-rose ribs, green veins.
- Perle du Bresil.** White, delicately tinted with rose, mid-rib dark green.
- Reine Victoria.** Green, spotted with white and crimson.
- Refulgens Venosa.** Large round leaf, with white markings and red ribs.
- Roncador.** Dark rose leaves with green veins.
- Siuimbu.** Creamy yellow foliage, brownish red ribs.

Price any of the above 25 cts. each; \$2.50 per doz.; the set of 25 for \$5.00.

Caladium Esculentum (*Elephant's Ear*) will be found offered on page 100.



- Seritinga.** Light flesh-colored centre, passing to green border.
- Splendidum.** Centre deep crimson, dark green border.
- Villa Formosa.** Rosy carmine centre and ribs edged yellowish white.
- Wightii.** Dark green, with white and red spots.



CALLA LILIES.

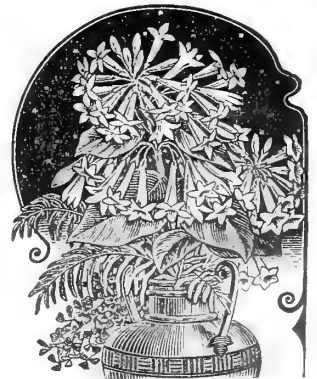
- White Calla** (*Richardia Aethiopica*). The well-known white Lily of the Nile. (See cut.) 15 cts. each; \$1.50 per doz.
- Dwarf White Calla, Little Gem.** A miniature variety of the White Calla, from the Channel Islands, growing from 9 inches to 1 foot in height; it is very free-flowering and fine for pot culture. The flowers are less than one-half the size of the common variety, and can be used to good advantage in bouquets, etc. 15 cts. each; \$1.50 per doz.
- Spotted-leaf Calla** (*Richardia alba maculata*). The leaves of this variety are deep green, with numerous white spots, which give the plant a very ornamental appearance. The flowers are pure white, with a black centre; they grow freely either indoors or out. 10 cts. each; \$1.00 per doz.

Cestrum Parqui.

(Night-blooming Jessamine.)

A beautiful tender shrub of easy cultivation, with small greenish-white flowers, of delightful fragrance, which is dispensed during the night only.

15 cts. each.



CESTRUM PARQUI.

Large Flowering

CANNAS.

**The Most Desirable
Bedding Plant for the
American Garden.**

As in previous seasons, we have again very carefully revised our list of Cannas, discarding all those that have shown any weak points or that have been superseded by newer and improved sorts, and we do not hesitate to say that every Canna offered possesses points of merit that make its retention desirable, and our customers cannot go wrong in one of the sorts offered.

**Three Choice
ORCHID-FLOWERED
or Italian
CANNAS.**

Of the many varieties of orchid-flowered Cannas introduced during the past four years we have selected

the set of three offered below as the most distinct and most desirable of this type. The habit of growth of all of these varieties is very similar, being remarkably vigorous, and under liberal cultivation they attain a height of 6 to 8 feet, while their flowers frequently measure 6 inches across. They are not of as heavy texture as the French sorts, therefore the individual flowers do not last so long, but are produced in the greatest profusion.

Austria. Pure canary yellow; fine large open flowers, with but few traces of reddish brown dots in the centre of the two inside petals.

Allemania. Exceptionally large flowers, frequently measuring $6\frac{1}{2}$ inches across, the upper petals salmon with broad border and markings of golden-yellow, while the lower petal is dark salmon marked with yellow in the centre; foliage dark green.

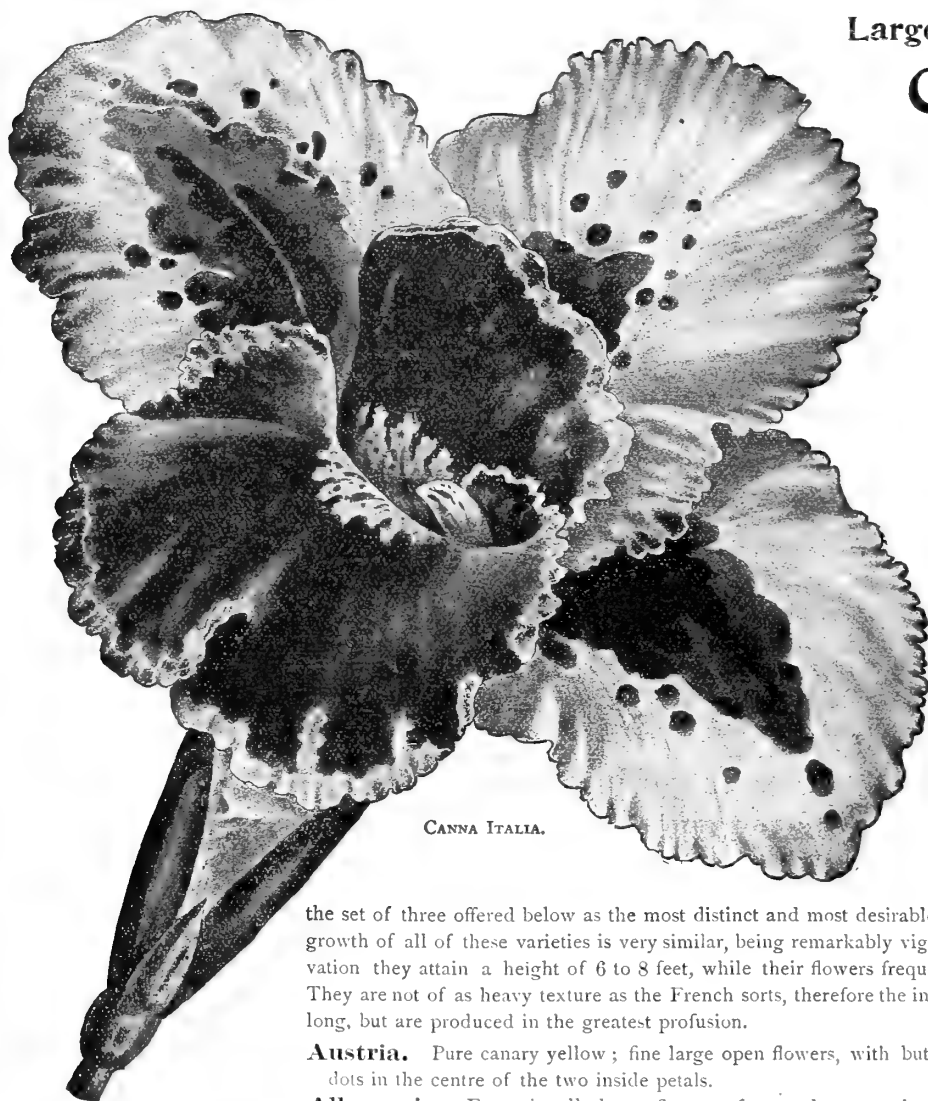
Italia. Is of a bright orange-scarlet, with a very broad golden-yellow border; the flowers, which are produced on massive stems about sixteen inches long, are set well above the foliage; the foliage is large and heavy, similar to that of the *Musa Ensete*. (See cut.)

15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of the three varieties 40 cts.

**Two Grand Dark-leaved
Indian Cannas.**

Black Beauty. The handsomest Indian Canna yet introduced, with large massive foliage of the richest bronzy purple color shaded with black, the edges of the leaves having a peculiar wavy margin. Where foliage effect alone is desired, nothing richer or more handsome can be found. 35 cts. each; \$3.50 per dozen.

Bassett's Red. A grand bronze-leaved variety of the old Indian Canna with intense bright bronzy red foliage, valuable either for massing by itself or for planting in connection with the dwarf French varieties. It grows about 5 feet high, is very uniform in habit and a stately plant in every way. 15 cts. each; \$1.50 per doz.; \$8.00 per 100.



CANNA ITALIA.



A BED OF CANNAS.

Our Standard Dozen of Well-tried Cannas.

The twelve varieties enumerated below are a selection of sorts that have proven themselves perfect in every way, and which will succeed under the most adverse conditions, in dry as well as in wet seasons. All are of uniform, vigorous growth, and whether planted singly or in masses will make a display certain to give full satisfaction. As we grow many thousands of each, we are in a position to offer them at exceptionally low prices.

Alphonse Bouvier. Although introduced in 1891, it still stands at the head of tall crimson varieties. A strong grower with bright green foliage. Very floriferous, and under fair conditions grow 6 to 7 feet high.

Admiral Avellan. The best of the red-leaved French varieties. On account of its clean, uniform growth, attaining a height of about 5 feet, each plant will be the counterpart of its neighbor, thereby producing a most desirable effect when used in masses. The flowers, while not as large as some of the recent introductions, are of good size, of a peculiar shade of scarlet, overlaid with salmon, giving a rich luminous effect.

Egandale. A most excellent variety, with bronzy foliage and soft currant-red flowers, which are thrown well above the foliage; the best of its type; attains a height of about 4 feet.

Florence Vaughan. Undoubtedly one of the finest yellow spotted varieties yet sent out. In color it is of a bright rich golden-yellow, spotted with red; the flowers, which are of the largest size, of great substance and of perfect form, are borne in large heads and in the greatest profusion; the foliage is massive and of a rich green color; the plants rarely exceed $3\frac{1}{2}$ to 4 feet in height.

Mine d'Or. This variety is practically a yellow Mme. Crozy; it is of the same strong, robust habit, just as free-flowering, with flowers and trusses of similar size, of a bright canary yellow, with but a faint mark of red in the lower petal; it grows about $3\frac{1}{2}$ feet high, with massive rich green foliage.

President McKinley. Color brilliant crimson with bright scarlet shading. Truss large, compact, of good shape and held well above the foliage, and are produced freely and evenly. Plant is dwarf, 3 feet; foliage deep green with marked chocolate margin. Plant stools freely, is a compact even grower. It is one of the earliest bloomers, coming into flower when 14 to 18 inches high, and blooming continuously thereafter. The effect when massed is extremely brilliant, the contrast between the flowers and foliage being rich, chaste and effective. A marked improvement upon all crimson Cannas introduced to date; undoubtedly the king of crimson bedders. (See cut.)

Souvenir d'Antoine Crozy. The richest gilt-edged variety yet introduced; the flowers are large, with well-rounded petals, which are of intense scarlet crimson, rich and dazzling, and are bordered with a broad, rich golden-yellow band; in habit the plant is all that could be desired, being of strong, vigorous but dwarf habit, forming symmetrical compact plants about 3 feet high.

Stadtrath Heidenreich. A comparatively recent introduction and a variety of great merit, with large spreading flowers $5\frac{1}{2}$ inches across, individual petals frequently being 2 inches wide. Color almost a pure scarlet, with just enough orange to intensify its richness; foliage dark green with bronze markings. $4\frac{1}{2}$ feet high.

Secretaire Chabanne. Salmon-colored Cannas are, as a rule, not sought after to any great extent; but in this variety the color is so rich and pleasing as to be entirely distinct, and while it is valuable for planting as a separate specimen or in masses by itself, its greatest value consists in massing it in conjunction with other high-colored sorts, with which it not only harmonizes but appears to intensify their color. Height about 4 feet.

Madame Crozy. The flowers of this well-known and popular variety are of a bright crimson scarlet, bordered with golden-yellow. The plant is of vigorous growth, yet dwarf in habit, rarely exceeding 4 feet in height. Foliage bright green, and very massive. The flowers are produced on large branching stems which are closely set with bloom, each stem being really a bouquet in itself.

Mlle. Berat. The nearest approach to a pink in a first-class bedder. Many of the sorts heretofore offered as pink, while very pretty in the individual flower, have a "washed-out" appearance, both on the single plant or when planted in masses. In this variety, however, the larger the mass the finer the effect, and when planted in conjunction with yellows and high-colored reds it is simply superb. Height 4 feet.

Queen Charlotte. The finest of all the gilt-edged varieties. The plant attains a height of about 3 feet, and is furnished with heavy bluish-green foliage; the enormous flower spikes, towering grandly above the foliage, bear a beautiful bouquet of large flowers of perfect form, with petals of a rich scarlet crimson, broadly banded with bright canary yellow. 3 feet high.



PRESIDENT MCKINLEY.

Price, any of the above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 12 varieties for \$1.50.

Large Flowering Dwarf French Cannas.

VARIETIES OF SPECIAL MERIT.

Beaute Poitevine. An excellent free-flowering crimson that is especially valuable in a hot, dry season, succeeding better under those conditions than any other variety. Height 3 feet. 15 cts. each; \$1.50 per dozen.

Depute Ravarin. A pretty sort, with good-sized, deep garnet flowers, a shade lighter than A. Bouvier, which it much resembles, except that the truss stands erect and is much larger. Height 5 to 6 feet. 15 cts. each; \$1.50 per dozen.

Franz Buchner. Entirely distinct from all others, color a deep orange suffused with scarlet, with a delicate wavy fringe of yellow around the edge of the petals. Height 3½ feet. 15 cts. each; \$1.50 per dozen.

Furst Hohenlohe. A good yellow bedding Canna with medium-sized flowers, upper petals pure yellow, lower ones slightly marked with crimson; its strong points are its great floriferousness, neat compact habit and large spikes of flowers. Height 3 feet. 15 cts. each; \$1.50 per dozen.

Golden Sceptre. A new variety introduced from Canada last year; a strong, vigorous grower, attaining a height of 5 feet, with bright green foliage and good sized flowers, which are of a rich deep golden yellow with no traces of other color except at the base of the minor petals, which are shaded orange scarlet. 25 cts. each; \$2.50 per dozen.

J. D. Eisele. A fine vermilion scarlet overlaid with orange, a strong free grower with its trusses raised well above the foliage. 4 feet. 25 cts. each; \$2.50 per dozen.

Sunray. An entirely distinct striped variety. The flowers are of large size, open out well, and are produced very freely. The ground color is a rich bright yellow, with stripes and dashes of bright scarlet running through almost to the edge of the petals, producing a unique and bizarre effect. Height 5 feet. 15 cts. each; \$1.50 per dozen.

Sam Trelease. The greatest merit of this variety is that the flowers open out flat, which, with its very broad petals, which are of good substance, makes a large nearly perfect circular flower, different from all other sorts. Its color it is the nearest approach to a pure scarlet yet introduced. Very rich and glowing; the edges and centre are marked with yellow, about the same as in Mme. Crozy. It grows about 3 feet high, with large, freely-branching spikes of flowers, which are thrown above the foliage and of just sufficient height to show them to best advantage. In freedom of flowering we know of no variety that compares with it. (See cut.) 15 cts. each; \$1.50 per dozen; \$10.00 per 100.

SPECIAL OFFER. One each of the above 8 varieties of special merit \$1.00.

POPULAR LOW-PRICED CANNAS.

The varieties offered below are all first-class sorts of which we have large stocks, which enables us to offer them at a low price. Many of them were among the highest-priced novelties last year.

Alsace. Pale sulphur yellow, changing to creamy white; makes a fine contrast with any of the high colored sorts. 4½ feet.

Charles Henderson. Probably the most popular crimson Canna in cultivation, of uniform compact habit, rarely exceeding 3½ feet in height.

Comte de Bouchaud. Golden yellow, spotted red. 4½ feet.

Duke of Marlborough. A fine rich deep crimson, very free. 4 feet.

F. Neuvesel. A soft pleasing shade of carmine, of strong habit. 5 feet.

Furst Bismarck. Rich scarlet crimson, of large size, entirely distinct. 3½ feet.

J. C. Vaughan. Deep orange scarlet, large truss, bronzy purple foliage. 4½ feet.

Mme. Leon Leclerc. Ground color bright orange scarlet with a heavy tip and narrow margin of yellow. 5 feet.

Papa. A fine red with large flowers and truss. 3½ feet.

Premier. Crimson scarlet with broad golden-yellow edge. 3½ feet.

President Cleveland. Large flowers of a rich bright orange scarlet, borne in immense trusses well above the foliage. 3½ feet.

Robert Christie. Bright orange red, of good size, very free. 5 feet.

Roi des Rouges. A very fine dark red, of good size, produced in large heavy trusses; habit compact. 3 feet.

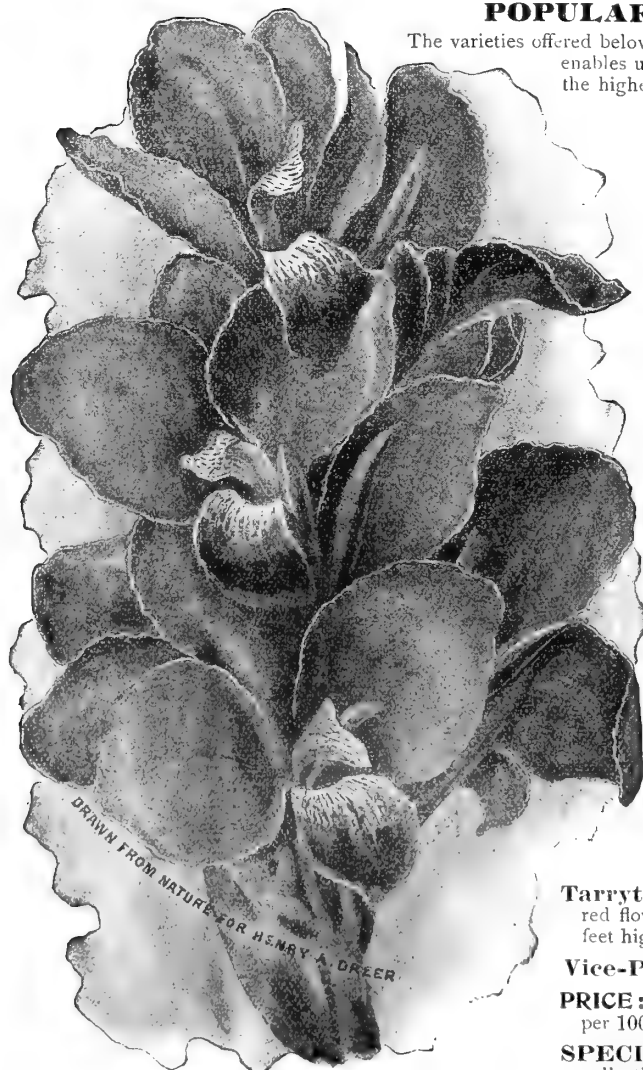
Souvenir du President Carnot. Vermilion scarlet, bronze foliage. 5 feet.

Tarrytown. A strong vigorous grower, with brilliant cherry red flowers, an exceedingly free bloomer, foliage dark green. 3½ feet high.

Vice-President Luizet. Carmine, large flower. 3½ feet.

PRICE: Any of the above 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

SPECIAL OFFER. We will furnish one each of the entire collection of Cannas offered on pages 120 to 122, 41 varieties in all, for \$4.00.



SAM TRELEASE.

SELECT CARNATIONS.

The following list embraces the cream of the standard and well-tried varieties, together with the best of the newer introductions.

America. A soft shade of pure scarlet; of good size and very free.

Armazindy. Pure white, very lightly penciled with scarlet.

Bon-Ton. Bright warm scarlet; large deeply-fringed flowers.

Buttercup. Rich golden yellow, with a few streaks of clear carmine. The florets are full and very double.

Daybreak. A delicate shade of pink; greatly admired.

Eldorado. Canary yellow, tipped rosy carmine.

Empress. Magnificent rich crimson, finely fringed, extra fragrant.

Evelina. A beautiful free-flowering white.

Flora Hill. One of the freest flowering white varieties yet introduced.

Gen. Gomez. Brilliant cardinal maroon, very double well-fringed flowers.

Gen. Maceo. Deep brilliant scarlet overlaid with maroon; one of the darkest and richest colored yet introduced.

G. H. Crane. Clear brilliant scarlet; an early and free-bloomer, with flowers of large size; very sweet.

Glacier. A very dwarf snow white; very free and sweet.

Gold Nugget. Clear deep yellow, slightly marked with red.

Jubilee. Beautiful rich scarlet; of immense size.

Mayor Pingree. Clear lemon-yellow, lightly marked with pink and occasionally splashed with white.

Melba. One of the finest pinks yet introduced, of a soft, pleasing shade.

Mrs. Geo. M. Bratt. Clear white, heavily edged and striped scarlet, a well-rounded deep flower.

Mrs. Jas. Dean. Clear silvery pink, delicate yet brilliant.

New York. Bright cerise pink; a fine flower.

Portia. Fine rich scarlet; very free.

Thomas Cartledge. A beautiful carmine. Vigorous grower, early to come in flower.

Triumph. Pure pink with a tinge of yellow, and never shows a touch of purple; one of the largest blooms.

Victor. A pink sport from Daybreak; a most desirable variety.

William Scott. Growth vigorous, very free-blooming, flowers large and never bursting; of a rich pink color; stems very long, holding the flowers erect.

Price any of the above 10 cts. each; \$1.00 per doz.; set of 25 for \$2.00.

CHRYSANTHEMUM FRUTESCENS.

(Paris Daisy, or Marguerite.)

California Giant. This is the large white Marguerite that is used so extensively as a cut flower in winter and as a decorative pot plant at Easter.

Etoile d'Or. Yellow Daisy, or Marguerite.
10 cts. each; \$1.00 per doz.

OSTRICH PLUME

CHRYSANTHEMUMS.

The three varieties offered below are the most distinct of the Ostrich Plume, or Hairy sorts.

Louis Boehmer. An exquisite shade of silvery-pink, with deep rose on the inside of the petals.

L'Enfant des Deux Mondes. Pure white, of large size and fine build; very heavily plumed.

Monarch of Ostrich Plumes. Bright chrome-yellow, shaded with amber; flowers very large and full, finely incurved.

15 cts. each; set of 3 for 40 cts.

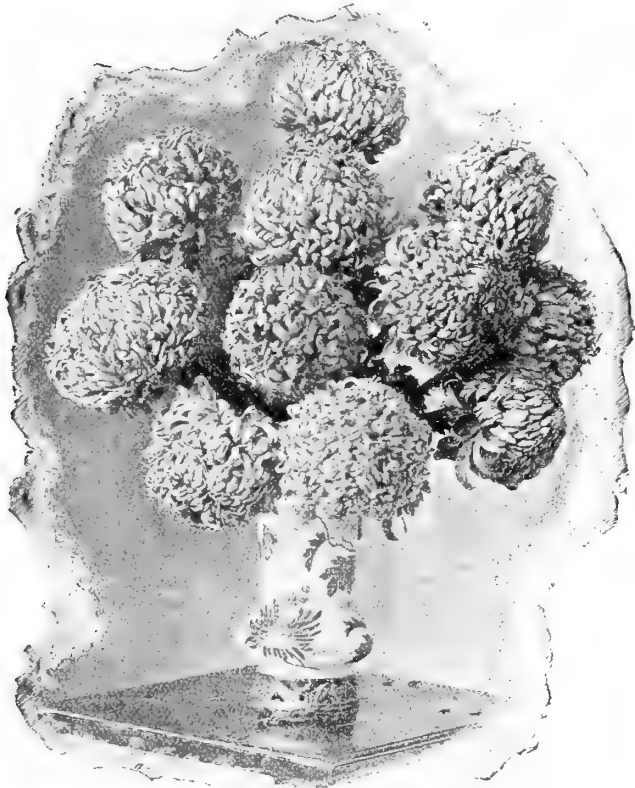


OSTRICH PLUME CHRYSANTHEMUM.



CHRYSANTHEMUMS.

While our list of Chrysanthemums is comparatively limited, it is composed exclusively of varieties standing at the head of their type and color.



PHILADELPHIA.

Mayflower. Magnificent large incurved white, lower petals reflex; grand in every way.

Miss Minnie Wanamaker. Creamy white, of very large size, and so much incurved as to resemble a white ball.

Minerva. Large and massive, incurved, vivid golden-yellow.

Modesto. Intense yellow, of an incurved slightly whorled form, with very high full centre.

Mrs. A. J. Drexel. Large flowering, early variety; color crimson-lake; form rounded into a half-globe.

Mrs. Jerome Jones. A beautiful, waxy-white, with broad incurving petals; one of the finest.

Mutual Friend. A reflexed pure white, from 7 to 11 inches in diameter and great depth of flower.

Price 15 cts. each; \$1.50 per doz.; the set of 25 varieties for \$2.50.

EARLY FLOWERING CHRYSANTHEMUMS.

The varieties offered in this collection are all such that will perfect their flowers in the open ground, even in the Northern States. The selection has been made with a view of offering only the very cream of the early flowering sorts, and all of them will give satisfactory results, even with the most ordinary cultivation.

Ambrose Thomas. Bright red with golden reflex, a large flower, dwarf grower.

Baronne Briailles. Large creamy white, very free and early.

Clinton Chalfant. Fine large yellow of good form.

Edith Syrratt. A distinct early rosy amaranth.

Glory of the Pacific. Fine pink of good size.

J. E. Lager. Very clear bright yellow, full and massive.

La Vierge. One of the dwarfiest and best pure white.

Lady Fitzwigram. Pure white, very free.

Longfellow. Blush white of medium size, fine form.

Marion Henderson. Fine yellow of fine form.

Merry Monarch. Very large pure white.

Mrs. Hawkins. A fine golden yellow of good form.

Price 15 cts. each; \$1.50 per doz.; \$8.00 per 100; set of 22 varieties \$2.00.

TWENTY-FIVE FINEST EXHIBITION VARIETIES.

Charles Davis. A golden sport from Vivand Morel; light yellow suffused with rich apricot; grand flowers of great size.

Colonel William B. Smith. An immense, double high-built flower, petals very broad and large, forming a solid mass of the richest bright golden bronze.

Eugene Dailedouze. There is nothing brighter and clearer in yellows than this grand variety. The flowers are large, full and double, and a free, easy grower.

Fisher's Torch. Bright fiery red; the richest shade in commerce; large and double, with high-built centre.

Frank Hardy. A superb pure white variety with immense full deep globular flowers, beautifully incurved in graceful folds.

George W. Childs. The best deep self-colored crimson variety in existence; flowers massive and of immense size, with broad stiff petals, rich dark velvety crimson, without a shade of brown or chestnut.

Golden Wedding. Of a rich golden-yellow color, intense and dazzling. Flowers 10 to 12 in. in diameter, 4 to 6 in. in depth; petals broad and long, double to the centre without an eye.

Helen Bloodgood. A most beautiful clear pink, of very large spherical shape.

H. L. Sunderbruch. Bright golden-yellow, of fine incurved form and large size.

Iora. Tubular, clear pink, a fine artistic flower, very large.

John Shrimpton. Bright velvety crimson-scarlet, of good size.

Maud Dean. Extra large petals, broad and incurving, perfectly double and of great substance; pink, almost rose.

Major Bonnaffon. Soft, clear yellow, incurved, full in the centre; 6 to 7 inches in diameter and nearly as deep; form and finish perfect.

Pennsylvania. A fine companion to Philadelphia, from which it is a sport, possessing all the good points of that favorite, color rich bright yellow.

Philadelphia. A magnificent variety of graceful globular form, color white, illuminated with lemon-yellow, giving it a peculiarly pleasing appearance not seen in any other variety. As a fine finished flower it stands at the head of the list.

Pluto. A fine, bold, globular, well-built flower, of a clear bright red, the centre being incurved with the reverse of petals bright golden yellow.

The Queen. One of the grandest white exhibition varieties.

Vivand Morel. Extra large flowers; petals long and loosely arranged; a beautiful light shade of pink.

Miss Kate Brown. A very early flowering pure white.

Mrs. F. Bergman. One of the earliest whites, very fine.

Mrs. E. G. Hill. A beautiful pearly pink, large and full to the centre.

Mrs. Henry Robinson. One of the very finest white varieties, a perfect ball of snow when fully developed.

Mrs. J. G. Whilden. One of the finest very early yellows.

The Pride. Extra early white of good form.

Vice-Pres. Hardy. Golden yellow, bordered crimson rose.

Vicomtesse D'Avène. Violet rose, shaded white, centre old gold, free.

William Holmes. A fine crimson.

Yellow Queen. Early clear yellow.

CHRYSANTHEMUMS.

BEST STANDARD VARIETIES.

- Autumn Glory.** Deep reddish-salmon when first opening, gradually changing to a soft shrimp pink.
- Black Hawk.** Scarlet-crimson, showing no dull color.
- Cullingfordi.** A fine shade of crimson.
- Frank Thomson.** A splendid flower, very nearly spherical in form; petals very broad and heavy, and finely incurving; it is very nearly white in color, only showing a touch of pearl-pink at the base of the petals.
- Harry Balsley.** A magnificent variety, of a soft mermet pink in color.
- Harry May.** Flowers very large and deep; full double; forming a massive sphere; color deep old gold, with occasional reddish veins.
- Inter-Ocean.** Glistening white, suffused with pink.
- Ivory.** An old favorite white.
- Liberty.** The finest late yellow.
- Marie Louise.** A beautiful recurving white, with slender interlacing petals, forming a plummy globe.
- Merry Christmas.** The latest of all the whites; fine large flowers which are at their best the last week in December.
- Miss Louise D. Black.** Reddish-orange of large size.
- Mr. Richard Dean.** Very bright clear pink of a beautiful shade.
- Mrs. C. H. Peirce.** A soft deep yellow, sure to become a favorite; large globular flowers are made up of well developed leathery petals, lasting a long time in perfection.
- Mrs. L. C. Madeira.** A perfect compact globe of bright orange color; petals upright, like unopened pointed quills; stems stiff; flowers large and of the heaviest substance.
- Mrs. Perrin.** A medium-sized flower; entirely distinct in color, which is of a glistening pink, with a fine finish.
- Niveus.** Color snowy-white; flowers very large, without the least approach to coarseness. The centre is irregularly incurved, with the outer petals reflexing almost to the stem.
- Pink Ivory.** Shell pink; formed like Ivory.
- President Wm. R. Smith.** A delicate pure pink, very heavy in substance, borne on strong stiff stems.
- Rohallion.** Rich yellow, deepening to chrome; petals long and twisted.
- Solar Queen.** Enormous flowers of bright yellow.

Price, 15 cts. each; \$1.50 per doz.; \$8 00 per 100; set of 25 varieties, \$2.50.



H. L. SUNDERBRUCH.

- Wm. H. Chadwick.** An immense striking bloom of a waxy-white; occasionally tinted rose.
- Wm. H. Lincoln.** A magnificent golden-yellow variety; straight, flat, spreading petals; large flower.
- Wm. Simpson.** A pleasing shade of pink; flowers incurved similar to Mrs. E. G. Hill, but deeper in color.
- Yellow Fellow.** Rich bright yellow of immense size.

Hardy Pomponé Chrysanthemums.

These beautiful small flowered varieties are again coming to the front, and are certain to become popular for outdoor bedding purposes. They are absolutely hardy, and produce an abundant, almost lavish, profusion of blooms, and the plants lend a coloration to the garden just at a time when other plants have been destroyed by frost and are looking their worst. Frost does not materially affect the flowering, and it will frequently happen that an armful of flowers can be cut after a sharp frost. The collection we offer embraces all the leading colors, and, with but a slight covering of leaves or coarse stable litter during the winter, will take care of themselves after once planted.

- Blushing Bride.** Fine soft pink.
- Canary.** Pale yellow; bushy habit.
- Eagle d'Or.** Fine yellow.
- Flora.** Beautiful deep golden yellow.
- Fred. Peele.** Deep crimson; tipped gold.
- Globe d'Or.** Golden yellow.
- Golden Fleece.** Clear yellow.
- Golden Pheasant.** Rich golden yellow; fine form.
- Julia Lagravere.** Very fine crimson.
- L'Ami Couderchet.** Fine sulphur-white.
- La Pureté.** Fine pure white.
- Maid of Kent.** Pure white with rose tint on lower petals.
- Mlle. Elise Dordan.** Rose-pink; globular flower.

- Mr. Schmidt.** Yellow; tipped with crimson.
- Nellie Rainsford.** Buff.
- Pettilant.** Soft creamy sulphur.
- President.** Rosy carmine.
- Princess Louise.** Deep rosy-pink; one of the best.
- Regulus.** Crimson red.
- Rosinante.** Blush rose; very dwarf.
- Seuir Melanic.** Very fine; pure white.
- Strathmeath.** Rosy-pink; distinct and pretty.
- Tiber.** Crimson brown; tipped yellow.
- Veuve Clicquot.** Brick-red; edged yellow.
- White Jardin des Plantes.** Extra early white flowering variety.
- Yellow Jardin des Plantes.** Extra early yellow.

10 cts. each; \$1.00 per doz.; set of 26 varieties, one of each, for \$2.00.



POMPONE
CHRYSANTHEMUM.
L'Ami Couderchet.

CISSUS DISCOLOR.

A beautiful climber for hanging baskets, with mottled and marbled crimson and green foliage. 20 cts. each.

Clerodendron Balfouri.

A beautiful greenhouse climber, and admirably suited for house culture; flowering most profusely with bright scarlet flowers, enveloped in a creamy white calyx. (See cut.) 15 cts. each; \$1.50 per doz.

CLIVIA MINIATUM.

(*Imantophyllum*.)

A pretty lily-like plant of the easiest culture, and a most desirable house plant; it flowers during the spring and summer months, remaining in bloom for a long period. The flowers are about 2 inches long and are borne in dense clusters of from ten to twenty flowers on each; in color it is of a fine orange-red shading to buff. (See cut.) 50 cts. each.

COBÆA SCANDENS.

A beautiful climber of rapid growth, large purple cup and saucer shaped flowers. For covering arbors, trellises, etc., it is unsurpassed; will cling to any rough surface. 15 cts. each; \$1.50 per doz.

COLEUS.

The varieties offered below are the standard sorts used for bedding. We grow these in large quantities.

Golden Bedder. Fine yellow.

Golden Beauty. Crimson, with wavy yellow edge.

Queen Victoria. Crimson, with golden edge.

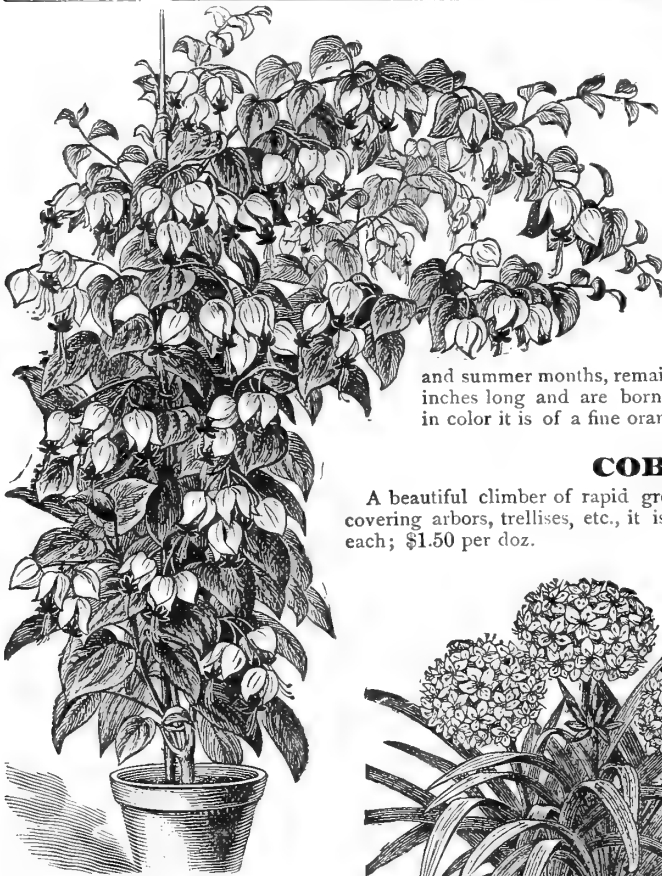
Rainbow. Velvety maroon, golden margin.

Shylock. Deep maroon, rich crimson mid-rib and veins.

Verschafelti. Rich velvety crimson, the most popular variety.

Fancy Varieties.

We offer twelve distinct varieties of Fancy Coleus. These are invaluable for planting singly in the mixed border or for use in window boxes, vases, etc. Price, any of the above, 10 cts. each; \$1.00 per doz.; \$6.00 per 100.



CLERODENDRON BALFOURI.

CROTONS.

Nothing can excel the beauty and richness of coloring that is found in this class of plants. They are beautiful as pot plants for the conservatory, making handsome specimens for decorative and exhibition purposes, and are now used extensively as bedding plants, for which purpose they are exceptionally well adapted. They should be planted in full sun in a position where they can be liberally supplied with water, which develops the most wonderful colorings in the foliage. Undoubtedly the most interesting and showiest bedding in our Philadelphia parks, the past few years, was made with this plant. We enumerate below a few of the leading varieties, but can supply many other sorts:

Andreanum. Deep green with yellow and crimson markings.

Baron James de Rothschild. Olive-green and yellow, changing to brilliant crimson.

Aureum Maculatum. Long narrow foliage with numerous yellow spots.

Dayspring. Orange-yellow, edged with green and tinged with red.

Evansianum. Tricolored leaves, richly veined and mottled. (See cut.)

Fasciatum. Rich green, with golden-yellow ribs and veins.

Interruptum. Peculiar twisted leaves with crimson mid-rib.

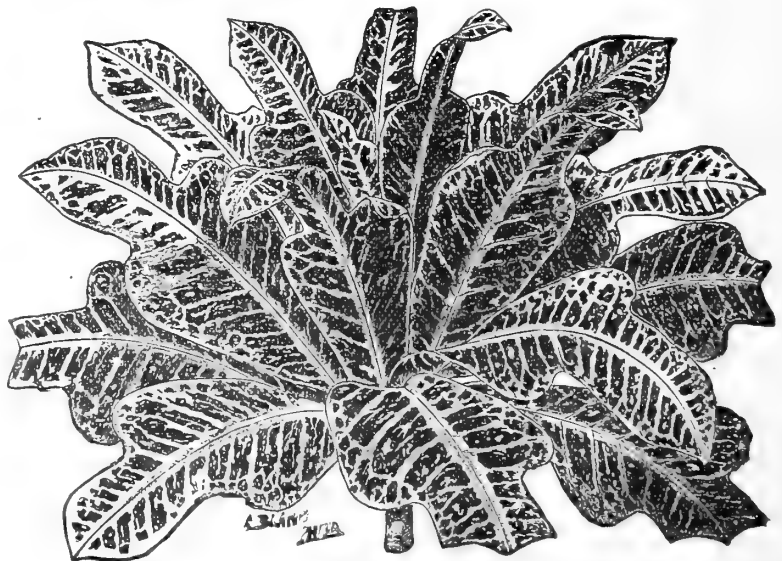
Queen Victoria. Rich golden-yellow, mottled with green, mid-rib magenta changing to crimson.

Rosea Picta. Mottled yellow, crimson and green.

Sinitzianus. Long, narrow, graceful foliage, green, mottled yellow.



CLIVIA.



CROTON EVANSIANUM.

Veitchii. Bright green, marked and mottled with yellow and crimson.

Weismanni. Dark shining green, golden mid-rib and edges.

30 to 50 cts. each; \$3.00 to \$5.00 per doz.

CUPHEA LLAVÆ (The Giant Tricolored Cuphea).

This interesting flowering plant belongs to the same family as the well-known Lady's Cigar Plant. The flowers are tubular in shape, about 2 inches long, and combine three distinct colors in each flower—scarlet, white and blue. In bloom continually. (See cut.) 10 cts. each; \$1.00 per doz.

CYCAS REVOLUTA (Sago Palm).

These are magnificent plants of noble and majestic habit, and most impressive. They are probably the most valuable decorative plants grown, both for lawn and house decoration; their heavy, glossy, deep green fronds resist alike the gas, dust and cold to which decorative plants are frequently exposed. We grow an immense stock of them and have an exceptionally fine lot in popular sizes for house decoration. (See cut.)

Plants with stems, 4 to 6 in. high, 7 to 8 leaves, 15 to 18 in. long,	\$1 50	each.
“ “ “ 6 “ “ 10 “ 12 “ 18 “ 20 “ “	3 00	“
“ “ “ 8 “ “ 12 “ 15 “ 20 “ 24 “ “	5 00	“

Specimen plants, sizes of which will be given on application, \$7.50, \$10.00, \$12.50 and \$15.00 each.



CYCAS REVOLUTA,
OR
SAGO PALM.

DIEFFENBACHIA BAUSEI.

One of the prettiest of the genus, with yellowish-green foliage, which is margined and irregularly blotched with dark green, and profusely spotted with white; a fine greenhouse decorative plant. 50 cts. each.

EYRTHRINA

CRISTA-GALLI.

(Coral Plant.)

A magnificent plant, producing its scarlet and crimson pea-shaped flowers on spikes 18 inches long. Planted in May they will flower profusely through the summer. They may be taken up in the fall, and kept in perfect preservation during the winter in a dry cellar, the roots covered with half-dry earth. 25 cts. each; \$2.50 per doz.

EUCHARIS

AMAZONICA.

A splendid hothouse plant, blooming nearly the entire season. It sends up stalks bearing several pure white, star-shaped flowers, 4 inches across, delightfully fragrant. It is very highly prized in bouquets, baskets, etc. Pot in light rich soil, well drained; water freely in the growing season, giving a slight rest in fall. 25 cts. each; \$2.50 per doz.



CUPHEA LLAVÆ.

CYPERUS.

((Umbrella Plant.)

See page 111.

DRACÆNAS.

Amabilis. A strong growing variety, prettily variegated green, white and pale violet turning to rose. 50 cts. and \$1.00 each.

Bruanti. A most useful variety, with heavy dark green foliage, making an excellent house plant, standing the dry atmosphere of living rooms. 30 cts. and 50 cts. each.

Fragrans. A superb African species, with beautiful deep green leaves, lighter in the growth, though having no variegations or markings in the foliage. This is one of the most admired of the decorative species. 30 cts., 50 cts. and \$1.00 each

Gracilis. A narrow-leaved variety of bright green, with narrow coppery-crimson edge; very graceful. 50 cts. each.

Imperialis. Foliage green, changing to rose, with creamy white edge. 50 cts. each.

Indivisa. This variety is used very extensively as a centre plant for vases, urns, etc. It stands full exposure to the sun, and its long, narrow, graceful foliage contrasts beautifully with other foliage and flowering plants. 25 cts., 50 cts. and \$1.00 each.

Lindeni. A beautiful variegated form of *Fragrans*. With broad green foliage and golden-yellow stripes on the edges of the leaves. 50 cts. to \$1.00 each.

Masangeana. Another variegated form of the above, with the variegation through the centre of the leaf, instead of on the edges. 50 cts. to \$1.00 each.

Sanderiana. A graceful small-leaved variety, with glaucous green foliage, which is edged with a broad border of creamy white. 50 cts. each.

Terminalis. Rich crimson foliage, marked with pink and white. 30 cts. and 50 cts. each.

Youngi. Light green, changing to copper color. 50 cts. each.



DRAWN FROM NATURE
FOR HENRY A. DREER

DRACÆNA LINDENI.



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H. A. DREER.

DAHLIAS.

Within the last few years a wonderful revival of interest in the Dahlia has resulted in their now being important rivals of those standard bedding plants the Canna and Geranium. This, to a great extent, is due to the introduction of many new varieties of American and European origin, which succeed under our extreme climatic conditions, and the marvelous results obtained augur well for their continued popularity. We have again carefully revised our list, and the collections of the various types offered are the cream of over 500 varieties selected after critical examination and combining in a superlative degree purity of color, perfection of form, free and continuous flowering, and such as succeed under the most ordinary garden culture.

Twelve Best Large-flowering Show Dahlias.

Apple Blossoms. Combines all the shades found in apple blossoms; the first flowers are of a deep pink, but as the season advances they gradually come lighter until they become white.

Arabella. Pale primrose shaded, old rose and lavender; large size and fine form.

Armorer. Deep red; profuse bloomer.

Ethel Britton. White, suffused blush

Honest John. Brilliant purple maroon.

John Walker. Finest pure white.

Miss Flo. Sheerer. Soft rose, shading lighter toward the edges.

Mrs. Dexter. Rich salmon color.

Prince Bismarck. Rich deep purple.

Psyche. Pale primrose, tinted rose.

Queen of Yellow. Bright yellow.

Ruby Queen. Rich ruby-red.

15 cts. each; \$1.50 per doz.; set of 12 for \$1.50.

TWELVE BEST LARGE-FLOWERING FANCY DAHLIAS.

Arrah No Pogue. Rich maroon, tipped white.

Countess. Blush white, tipped lavender.

Elegans. Rosy purple, tipped and banded white.

Frank Goodman. Rich dark purple, tipped white.

Frank Smith. The finest fancy Dahlia grown; intense purplish maroon, almost black, tipped with rosy white.

Fern Leaved Beauty. White, striped deep crimson.

15 cts. each; \$1.50 per doz.; set of 12 varieties \$1.50.

SIX SUPERB DOUBLE QUILLED DAHLIAS.

We have brought together under this heading 6 of the choicest quilled sorts, of which A. D. Livoni, No. 2, in the illustration above is a representative flower. All are of exceptionally fine form, and are interesting either as cut flowers or for garden decoration.

A. D. Livoni. Beautiful clear pink, of perfect form.

Bessie. One of the prettiest, creamy white.

Grand Duke Alexis. Large massive flowers, ivory white, with a faint tinge of rose at the extremities of the petals.

Little Beauty. A lovely soft pink.

Le Petit Jean. Beautiful rich crimson maroon.

Queen Victoria. Handsome deep yellow, finely quilled.

Price, 15 cts. each; \$1.50 per doz.; set of 6 varieties 75 cts.



COPYRIGHT 1898
HENRY A. DREER

TWENTY-FIVE GRAND DECORATIVE CACTUS DAHLIAS.

- Bertha Mawley.** Scarlet, overlaid crimson purple.
Celestine. Yellow suffused orange; rich golden effect.
Clifford W. Bruton. The finest yellow, a grand flower.
Dr. Masters. Delicate soft pink.
Ernest Glasse. Rich purplish magenta.
Henry Cannell. Rich dark crimson.
Iridescent. A beautiful variety with a combination of colors difficult to describe, the ground color being a clear orange overlaid red and suffused pink, giving a soft yet brilliant red effect with a blue reflex.
Kynerith. Brilliant vermilion, shading lighter.
Marchioness of Bute. Pure white, tipped rose.
Meteor. Bright rosy scarlet.
Mrs. A. Newhall. Dark crimson, shaded maroon.
Mrs. E. C. Monroe. Sulphur yellow shading to rich cream.
Mrs. Hawkins. Rich sulphur yellow.
Miss Bennett. Clear glistening salmon yellow.
Nymphæa. Clear, distinct shrimp pink, shading slightly darker towards the outer petals; its color and form have suggested the name Water-Lily Dahlia.
Orange King. Rich glowing orange.
Orange Scarlet. As name indicates, orange scarlet.
Perle (Perle de la tete d'Or). The finest white yet introduced.
Red and Black. Deep crimson margined jet black.

- Rosa Cactus.** Deep pink.
St. Catherine. Deep yellow, shaded red.
Sundew. Orange salmon, very bright.
Wm. Miller. Soft satiny purple.
Wm. Agnew. Rich dazzling red; a grand flower.
Zulu. The black Dahlia. Black maroon.

15 cts. each; \$1.50 per doz.; set of 25 varieties for \$3.00.

Twelve Choice Double Liliputian or Pompone Dahlias.

- Darkness.** Very dark maroon; fine.
Daybreak. Soft pink, like Daybreak Carnation.
Elegante. Soft pink, tipped deep pink; reflex light pink.
Kleine Domitea. Orange buff, always in flower.
Little Beatrice. Pink-edged purple; profuse.
Little Diavalo. Base of petals pink tipped maroon, reflex light purple.

- Lou Kramer.** Base of petals yellow, heavily tipped, bright crimson, overlaid pink, pleasing variety.
Princess Liberty. Buff shaded amber.
Red Piper. Deep glowing red; very fine.
Snow-Clad. Unquestionably the finest white.
Vivid. Bright crimson scarlet.
Yellow Bird. Pure yellow.

15 cts. each; \$1.50 per doz.; set of 12 varieties \$1.50.

Ten Superb Single Dahlias.

- Annetta.** Pure white, spotted and veined pink and crimson.
Annie Hughes. Bright purple.
Brilliant. Bright yellow, striped scarlet.
Dearest. White-edged buff; very distinct.
Enchantment. Red and yellow.
Fashion. Crimson-maroon flamed purple.

- Lady Whitehead.** Bright rosy purple.
Miss Roberts. Fine large yellow.
Serratipetala. Glowing scarlet, entirely distinct in form, the petals being fluted with fringed edges.
Snow Queen. Good white.

15 cts. each; \$1.50 per doz., or the set of 10 varieties for \$1.25.

Special Offer.— We will furnish one each of the six sets of Dahlias, 77 in all, one of the finest collections ever brought together, for \$8.00.

The four Single Dahlias shown in colors on the back cover of this catalogue will be found offered among other new plants on pages 11 to 16.

FINE FERNS.



DAVALLIA STRICTA.

Adiantum Tenerum. One of the very best for growing into specimens. 25 cts.

— **Wiegandi.** A pretty little species, with peculiarly crested and overlapping pinnæ. 25 cts.

Aspidium Tsussimense. A pretty very dwarf growing species, one of the best for fern dishes. 15 cts.

Alsophila Australis. Australian Tree Fern. 25 cts.

Asplenium Belangeri. An easy-growing species. 25 cts.

— **Bulbiferum.** 50 cts.

— **Laxum Pumilum.** 50 cts.

— **Nidus Avis.** Bird's Nest Fern. 50 cts.

— **Obtusilobum.** Especially suited for growing in a basket. 15 cts.

* **Blechnum Brazilianense.** A strong-growing, desirable house fern. 15 cts.

— **Occidentale.** 15 cts.

— **Rubrum.** 15 cts.

Cibotium Schiedei. One of the most desirable and valuable Tree Ferns in cultivation. Good young plants \$1.00 and \$1.50 each.

— **Barometz.** An entirely distinct Tree Fern, with dark-green arching fronds. 50 cts. and \$1.00.

* **Cyrtium Falcatum (Holly Fern).** One of the most desirable Ferns for house culture. 15 cts. and 25 cts.

— **Fortunei.** 15 cts.

Davallia Fijiensis Major. 25 cts.

— **Elegans.** \$1.00.

— **Fijiensis Plumosa.** 25 cts.

— **Ornata.** 75 cts.

— **Pentaphylla.** 25 cts.

— **Stricta.** One of the finest Ferns in cultivation, whether for growing as a decorative plant in the room or planting out. 15 cts. and 25 cts.

Dictyogramma Japonica. 25 cts.

— **Variegata.** 25 cts.

Didymochlæna Truncatula. A pretty erect grower, with bronzy-green fronds. 15 cts.

* **Doodia Aspera Multifida.** A neat small growing crested Fern. 15 cts.

Gymnogramma Sulphurea. Sulphur Fern. 15 cts. and 25 cts.

* **Lastrea Aristata Variegata.** This beautiful variety has a broad band of yellowish-green through the pinnules. 15 cts.

* — **Chrysoloba.** 15 cts.

— **Lepida.** Entirely distinct, with long dark-green graceful arching fronds. 15 cts.

— **Opaca.** Dark-green triangular foliage. 15 cts.

— **Sieboldii.** 15 cts.

* **Lomaria Ciliata.** A dwarf Tree Fern. 15 cts. and 25 cts.

The popularity of Ferns has increased wonderfully in recent years. In less than 10 years our annual sales have increased from a few thousand plants to nearly one million, requiring over one acre of greenhouse space for their production. Not only are they now grown for interior decoration, but beautiful effects can be produced in the open border, in conjunction with other foliage plants, in such positions where they are shaded from the direct rays of the sun, and where they can be liberally supplied with water. We have marked the varieties best suited for this purpose with an asterisk (*).

Adiantum Amabile. 15 cts.

— **Aemulum.** 25 cts.

— **Ancitense.** 25 cts.

— **Bausei.** 50 cts.

— **Caudatum.** A creeping variety, having the habit of rooting at the tips of the fronds and forming new plants; fine for growing in hanging-baskets. 25 cts.

— **Capillus-veneris Mariesii.** 50 cts.

— — **Imbricata.** 25 cts.

— **Cardiochlæna.** 25 cts.

— **Collisi.** A beautiful tall-growing species, forming handsome specimens. 25 cts.

— **Concinnum.** 15 cts.

— **Cuneatum.** The popular Maiden Hair. 15 cts., 25 cts. and 50 cts.

— **Grandiceps.** A beautiful form, with the ends of the fronds developed into bunching-tasseled heads. 15 cts., 25 cts. and 50 cts.

— **Variegatum.** A pretty variegated form. 15 cts.

— **Decorum.** A strong growing variety, bronzy foliage. 15 cts. and 25 cts.

— **Dolabriforme.** A remarkable Fern of peculiar creeping habit, with long drooping fronds, at the ends of which young plants form; adapted for growing in hanging-baskets. 25 cts.

— **Farleyense.** This is the finest of the Maiden Hair varieties. 25 cts., 50 cts. and \$1.00.

— **Formosum.** A tall-growing sort; makes handsome specimen plants. 25 cts.

— **Fergusonii.** One of the handsomest crested Maiden Hair. A charming variety for a collection. 15 cts. and 25 cts.

— **Gracillimum.** Smallest, most graceful Maiden Hair. 15 cts. and 25 cts.

— **Lathomi.** A fine large growing variety. 25 cts.

— **Le Grandi.** Dwarf, compact, fine foliage. 15 cts.

— **Macrophyllum.** 25 cts.

— **Mundullum.** 15 cts.

* — **Pubescens.** A useful basket variety. 15 cts.

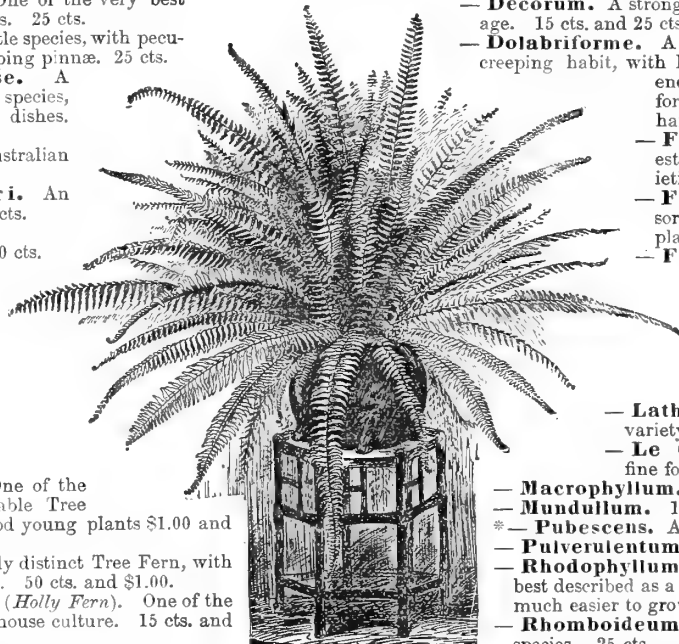
— **Pulverulentum.** 15 cts.

— **Rhodophyllum.** This handsome variety is best described as a miniature form of *Farleyense*, much easier to grow. 25 cts.

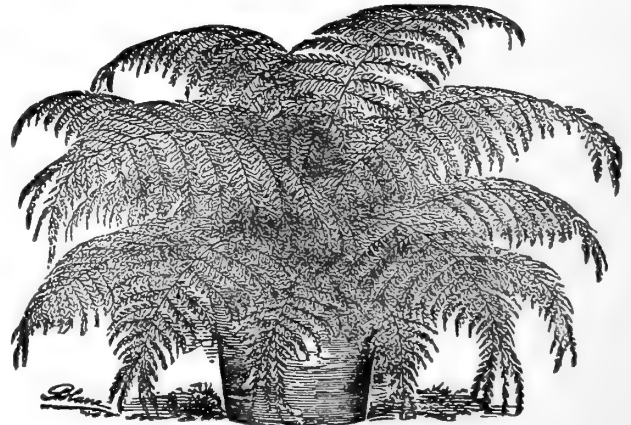
— **Romboideum.** A useful strong growing species. 25 cts.

— **Sauctæ Catherinæ.** 50 cts.

— **Trapeziforme.** 50 cts.



BOSTON SWORD FERN

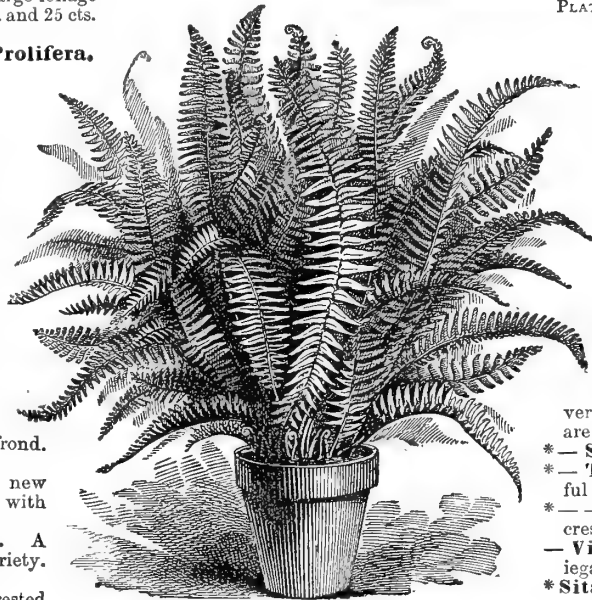


MICROLEPIA HIRTA CRISTATA.

- Lomaria Gibba.** 15 cts. and 25 cts.
Lygodium Scandens. The Japanese Climbing Fern. 15 cts.
 — **Dichotomum.** An interesting species, with large heavy pinnae. 25 cts.
Microlepia Hirta Cristata. A most useful decorative Fern, beautifully crested. 25 cts. and 50 cts.
 — **Hispida.** A graceful dwarf growing variety. 15 cts.
 * **Nephrolepis Cordata Compacta.** In our estimation this variety is the finest of all the Sword Ferns; of strong growing compact habit. For house culture we do not know of any other variety that would give the same satisfaction. We offer 3 sizes: Strong 3-inch pots, 15 cts.; strong 4-inch pots, 25 cts.; specimen plants, in 6-inch pots, 50 cts.
 — **Davallioides Furcans.** A beautiful and distinct crested variety. 50 cts.
 * — **Exaltata Bostoniensis** ("The Boston Fern"). This graceful Nephrolepis, which differs from the ordinary Sword Fern in having much longer fronds, which frequently attain a length of 4 feet. These arch and droop over very gracefully, making it an excellent plant to grow as a single specimen on a table or pedestal. 3-inch pots, 15 cts.; 4-inch pots, 35 cts.; 5-inch pots, 50 cts.; 7-inch pots, \$1.00; 8-inch pots, fine specimens, \$2.00 each.
 — **Pectinata.** A dwarf variety of the Sword Fern. 15 cts. and 25 cts.
 — **Plumosa.** A handsome crested variety. 50 cts.
 * **Nephrodium Hertipes.** 15 cts.
Nipholobus Lingua. 25 cts.
 — **Corymbifera.** 50 cts.
 — **Variegata.** 50 cts.
Onychium Japonicum. 15 cts.
Platyloma Falcata. 15 cts.
 * **Polypodium Aureum.** Large foliage of a distinct bluish color. 15 cts. and 25 cts.
 * — **Fraxinellifolia.** 15 cts.
Polystichum Angulare Prolifera. 15 cts.
 * — **Coreaceum.** 15 cts.
 — **Setosum.** 15 cts.
Platynerium Hillii. A pretty Stag-horn Fern, with cleft pinnae. \$1.50 each.
 — **Majus.** A variety of the above, with larger, heavier foliage. \$1.50 each.
 — **Alicorne** (*Elk's-horn Fern*). This variety is seen more commonly than any of the other sorts, but is still scarce and a most interesting species. 75 cts. to \$1.00 each.
 * **Pteris Adiantoides.** 15 cts.
 * — **Argyrea.** Large, bold foliage, with broad band of white through the centre of each frond. 15 cts. and 25 cts.
 — **Biaurita Argentea.** A new compact form of *Argyrea*, with heavier fronds. 25 cts.
 * — **Cretica Albo-Lineata.** A pretty and useful variegated variety. 15 cts. and 25 cts.
 * — **Magnifica.** Beautiful crested fronds. 15 cts.

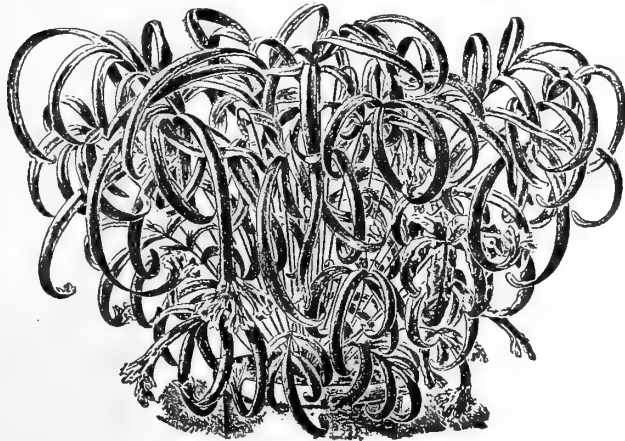


PLATYCERIUM.



NEPHROLEPIS CORDATA COMPACTA.

- Pteris Hastata.** 15 cts.
 — **Internata.** 15 cts.
 — **Leptophylla.** Silvery-green foliage. 15 cts.
 — **Longifolia Mariesii.** Especially suited for growing suspended, producing drooping fronds nearly 2 feet long. 50 cts. each.
 — **Nemoralis.** 15 cts.
 * — **Ouvrardi.** 15 cts.
 * — **Serrulata.** 15 cts.
 * — **Cristata.** A pretty crested Fern. 15 cts.
 — **Compacta.** 15 cts.
 * — **Voluta.** One of the most distinct varieties of *Pteris Serrulata*, the volute or curled appearance of the pinnae being very noticeable; the tips of the pinnae are prettily crested. 25 cts. each.
 * — **Sieboldii.** 15 cts.
 * — **Tremula.** Well known and useful Fern. 15 cts.
 * — **Smithiana.** A beautiful crested form of the above. 15 cts.
 — **Victoria.** A most desirable variegated variety. 15 cts.
 * **Sitalobium Cicutarium.** A fine variety of easy culture, producing large fronds. 25 cts. and 50 cts.



PTERIS SERRULATA VOLUTA.

SPECIAL COLLECTIONS OF FERNs.

25 varieties marked * for outdoor planting.....	\$ 2 50
31 " Adiantum, or Maiden Hairs.....	4 00
106 " the entire collection offered.....	20 00

SELAGINELLAS, OR MOSSES.

All of the Selaginellas are useful in connection with Ferns for the filling of Wardian Cases, Fern Dishes, etc. The varieties offered below are among the most interesting.

- | | |
|----------------------------|-----------------------|
| Cæsia, | Cæsia Arborea, |
| Denticulata, | Emiliana, |
| Krauseana Aurea, | Martensi, |
| Martensi Variegata, | Walichii, |
| | Wildenowii. |

15 cts. each; \$1.50 per doz.; set of 8 varieties, 75 cts.



FICUS ELASTICA (RUBBER PLANT).

FARFUGIUM GRANDE.

A beautiful ornamental foliage plant, either for pot culture or for planting in open border in a shaded position; the leaves, from 8 to 10 inches in diameter, are of a thick leathery texture, dark green in color, with bright yellow spots. 25 cts. each; \$2.50 per doz.



FARFUGIUM GRANDE.

FUCHSIAS.

Well-known favorites for planting out in partially shaded positions during the summer, or for winter flowering in the window or greenhouse through the winter.

The following collection is a selection of the finest of the new and old varieties. Varieties marked with an "*" are double flowering.

- Arabella.** White tube and sepals, rose corolla; early.
- Black Prince.** Bright waxy carmine, pink corolla.
- *Glorie de Marches.** A grand double white variety, with crimson tube and sepals, of dwarf compact habit.
- *Jupiter.** Sepals coral red, corolla violet blue.
- Monsieur Thibaut.** Flowers large, sepals dark red, corolla vermilion-tinted violet.
- Minnesota.** Corolla deep rose, tube and sepals white.
- *M. Alphan.** Tube and sepals bright red, corolla reddish-violet.
- Oberon.** A charming variety, with white tubes and sepals, corolla bright rosy carmine-shaded magenta.
- *Phenomenal.** Rich crimson-purple, corolla full and double. (See cut.)
- *President Gunther.** Light prune-colored corolla, with red sepals.
- *Rosaine's Patri.** A fine very early-flowering double white.
- Wave of Life.** Golden foliage; crimson tube and sepals, and fine purple corolla.

Price: 10 cts. each; \$1.00 per doz. Set of 12 varieties for \$1 00.

GARDENIA FLORIDA (Cape Jessamine).

Beautiful greenhouse evergreen shrubs, with delightfully fragrant pure white waxy flowers, blooming from May to July. Strong plants 25 cts. each, \$2.50 per doz.; extra strong plants 50 cts. each, \$5 00 per doz.

EUPHORBIA JACQUINIFLORA.

An old favorite winter-flowering plant that has deservedly again become very popular, especially during the Christmas holidays, producing its long graceful sprays of bright orange-scarlet flowers during the dullest winter months, and which last in perfection a long time. It should be grown as a pot plant, and as such is an excellent subject for the window or conservatory. 25 cts. each; \$2.50 per doz.

FICUS (Rubber Plant).

Elastica. The well-known India Rubber Tree, one of the very best plants for table or parlor decoration. Its thick, leathery leaves enable it to stand excessive heat and dryness.

4 inch pot, 10 inches high.....	EACH. \$ 50
5 " " 15 " "	75
6 " " 24 " "	1 25

Elastica Variegata. This is one of the finest decorative ornamental foliage plants. In habit and growth it is like the ordinary *F. elastica*, but the leaves of this novel plant have a

pleasing yellow variegation throughout. Fine plants, 4 inch pots, 10 to 12 inches high, \$1.00 each.

Repens. A trailing or creeping variety, with small foliage; useful for baskets, covering greenhouse walls, etc. 25 cts. each.

Falcata. An improvement on *Ficus repens*, of the same climbing habit, attaching itself to walls, etc., but of a denser, closer growth and smaller; dark green foliage. 25 cts. each.



FUCHSIA PHENOMENAL.

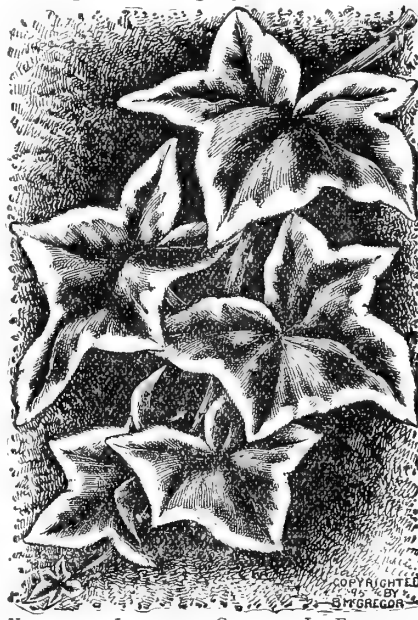
GERANIUMS.

Twenty Fine Doubles.

- Acteon.** Brilliant scarlet, upper petals tinted rosy-lilac.
Alfred Tennyson. Trusses extremely large, in immense spherical balls; color bright orange-scarlet, shaded vermilion red.
Alphonse Riccard. Bright vermilion scarlet, large florets and trusses; the finest large-flowering scarlet bedding variety.
Beaute Poitevine. The best semi-double salmon-pink bedder.
Bonnat. Brilliant carmine rose, large size; an excellent bedder.
Bruanti. Standard scarlet bedding variety; does well everywhere.
Griffith. A splendid bedder, color deep coppery-salmon, large trusses.
John Doyle. A vigorous-growing rich scarlet variety, throwing its large trusses well above the foliage.
James Y. Murkland. Bright rose centre, broadly margined white.
La Favorite. A most beautiful double white; an excellent bedder.
Marvel. Scarlet maroon, large trusses held well above the foliage.
Mme. Jaulin. Delicate pink with white margin, a color combination of great beauty and freshness.
Mme. Buchner. Snow white, in extra large trusses, produced freely and held well above the foliage; a grand white bedder.
Mme. Barney. A splendid deep pure pink; truss, habit and floriferousness all that can be desired.
Marquese de Montmort. Deep brilliant carmine purple, a novel and striking shade, large trusses.
Miss Frances Perkins. A charming shade of bright pink.
Richard Brett. Large trusses of a peculiar orange-scarlet.
S. A. Nutt. Very rich dark crimson
Surprise. Deep crimson pink with white centre; very free-flowering.
W. P. Simmons. Dark red with orange shadings; vigorous habit.
Price, 15 cts. each, \$1.50 per doz.;
\$8.00 and \$10.00 per 100; set of 20 varieties, \$2.00.

Double Ivy-leaved Geraniums.

- Comtesse H. de Choiseul.**
Bright salmon; one of the best.
Eden Marchii. Rosy salmon shaded violet.
Gen. Championnet. A grand scarlet variety.
Incomparable. Rosy carmine.
Mrs. H. T. Wooderson. Deep pink feathered maroon in the upper petals.
Ryecroft Surprise. Clear rose with slight maroon blotch on upper petals.
Kate Wilson. A fine double white.
 15 cts. each; set of 7 varieties, 75 cts.



VARIEGATED IVY-LEAVED GERANIUM LE ELEGANTE.



MILLFIELD RIVAL.

Twenty Best Singles.

- Athlete.** Flowers and trusses of enormous size; color a brilliant scarlet.
Benj. Schroeder. Beautiful clear rose pink with white eye.
Chaucer. A beautiful clear bright shade of cerise; immense flowers; fine.
Crabbe. Bright cherry-red.
Gen. Grant. A fine scarlet bedder.
Gertrude Pearson. Pure rose pink with white blotch on the two upper petals.
Herrick. Rich crimson scarlet.
H. Dauthenay. Deep apricot-salmon, novel and striking.
John Forbes. Deep velvety scarlet, slightly tipped with maroon.
Jacquerie. Enormous florets and large trusses, magenta with flame-colored touches at base of petals.
Juliette. White suffused pink.
John P. Cleary. One of the best brilliant scarlets; large florets and trusses.
Mme. Chas. Molin. Delicate salmon shading to white.
Mme. Bruant. Snow white, distinct carmine edge, petals, tinted carmine-lake.
Mrs. E. G. Hill. Beautiful salmon; a fine large round flower.

- Mars.** A superb pot-geranium; of very dwarf, compact habit, exceedingly floriferous; flowers light salmon, darker in the centre.
Millfield Rival. A rich pink, the two upper petals marked white blotch, undoubtedly the best single pink bedding variety to date.
Mme. Blanche Tamet. Large flowers with distinct border of violet carmine, centre marbled with white with violet aureole.
Rev. Mr. Atkinson. Rich dark crimson; very large truss.
Universe. A dwarf brilliant scarlet.
Price, 15 cts. each, \$1.50 per doz.;
\$8.00 to \$10.00 per 100; set of 20 varieties, \$2.00.

VARIEGATED-LEAVED GERANIUMS.

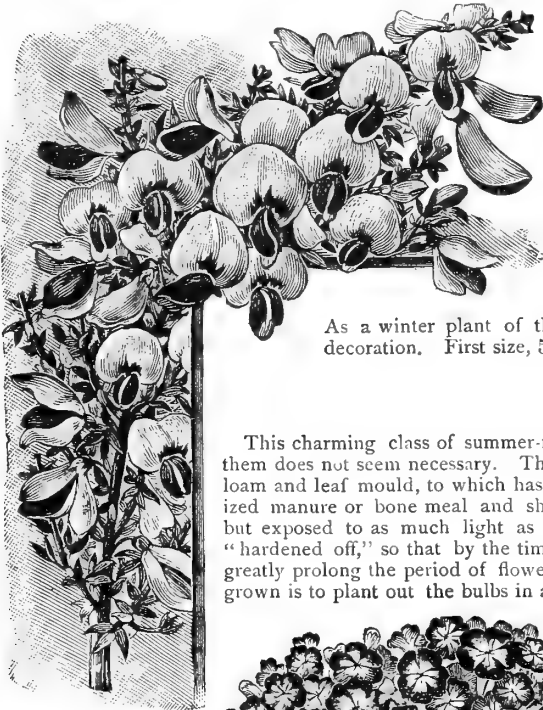
- Bronze Model.** Golden-bronze type, splendid dark zone on a yellow ground; scarlet flowers.
Happy Thought. Large yellow blotch in the centre of the leaf, with an outer band of green; flowers rich rose.
Mountain of Snow. Silver edge; vigorous grower.
Mrs. Pollock. One of the most beautiful of golden tri-colors; bronzy-scarlet zone; golden edge; scarlet flowers.
Le Elegante. A variety with light green ivy-leaved foliage, margined white; flowers white; fine for hanging-baskets, etc.
 15 cts. each; set of 5 for 60 cts.

SCENTED GERANIUMS.

- Rose, Shrubland Pet, Pennyroyal or Cut-leaved Rose, Lemon, Nutmeg and Variegated Rose.**
 10 cts. each; set of 6 for 50 cts.



MARS.

GENISTA
ANDREANA.

Helio- tropes.

Heliotropes are great favorites, principally on account of their delicious fragrance; they grow freely under glass and may be planted in the open border during the summer.

Chieftain. Lilac, large truss.

Comtesse Mortemart. Dark velvety blue, with white eye.

Mme. Bruant. Very dark, with immense truss.

Mme. de Blonay. Large truss, nearly pure white.

Mme. de Bussey. Fine large dark purple.

Mme. Rene Andre. Dark violet, large truss, very sweet.

Lizzie Cook. Of the deepest violet-purple, with large white eye, and very fragrant. (See cut.)

Queen of the Violets. Finest dark variety in cultivation; large white eye.

Price 10 cts. each; \$1.00 per doz. The set of 8 for 60 cts.

HIBISCUS ROSA SINENSIS.

(Chinese Hibiscus.)

Well-known evergreen tender shrubs, which may be grown either as a pot plant or planted out during the summer. They flower freely during the entire summer, and even in the winter if kept in a light, sunny position.

Aurantiacus. Fine double pure salmon.

Grandiflorus. Very large single rose.

Miniatus Semi-plenus. The finest and most brilliant semi-double vermilion scarlet, with flowers 4 inches in diameter.

Sub-Violacea. Flowers very large, of a beautiful carmine-tinted violet.

15 cts. each; \$1.50 per doz. The set of 4 for 50 cts.

GENISTA.

Andreana. A most desirable shrub, either for planting in the open border or for growing in pots as a decorative spring-flowering plant, like the well-known Genista Fragrans and Racemosa, that are grown so extensively for Easter decorations; but, unlike those varieties, which are entirely yellow, the flowers of this variety, which are nearly four times as large, are produced in large terminal racemes, the lower lip being of a bright yellow, while the upper one is of a rich brownish crimson. The plant is of elegant habit, with dark green stems and foliage, and is hardy with protection. (See cut.) 25 cts. each; \$2.50 per doz.

Fragrans. A most desirable spring-flowering plant, producing its fragrant bright golden yellow flowers in the greatest profusion. As a winter plant of the easiest culture it is unsurpassed. Especially desirable for Easter decoration. First size, 50 cts. each; 3 for \$1.00; second size, 30 cts. each; 4 for \$1.00.

GLOXINIA.

This charming class of summer-flowering bulbs is now so well known that a lengthy description of them does not seem necessary. They delight in a loose porous soil composed of equal parts of fibrous loam and leaf mould, to which has been added a liberal sprinkling of thoroughly decayed, well-pulverized manure or bone meal and sharp sand. They should be shaded from the direct rays of the sun, but exposed to as much light as possible. After they begin to grow freely they should be gradually "hardened off," so that by the time they begin to flower they may be kept in a cool house, which will greatly prolong the period of flowering. An excellent method of cultivation where large quantities are grown is to plant out the bulbs in a spent hot-bed, where they succeed admirably, producing flowers of immense size and substance. When the plants have finished flowering water should be gradually withheld, and when fully ripened the bulbs should be stored in a moderately warm place in dry sand or other material, or if pot-grown they should be left in the pots in which they have been grown.

Our collection of Gloxinias embraces all the popular varieties, ranging in color from the purest white through all the shades of crimson and purple, spotted and mottled. 15 cts. each; \$1.50 per doz.; \$10 00 per 100.



HELIOTROPE LIZZIE COOK.



GLOXINIA.

HYDRANGEAS.

Empress Eugenie. A most desirable old variety which is perfectly hardy, forming large shrubby plants, producing large heads of light pink flowers, which, on fully developing, change to a purplish hue. First size, 50 cts. each; second size, 25 cts. each.

Hortensia Variegata. A pretty variegated variety with dark green foliage, beautifully edged with white. 25 cts. each.

Otaksa. A Japanese variety, producing immense heads of pink flowers. This is the variety so extensively used for Easter decoration. First size, 50 cts. each; second size, 25 cts. each.

Otaksa Monstrosa. An extreme large-flowered variety of recent introduction; produces much larger clusters of flowers than *Otaksa*. In color it is intense rose shaded white, and is produced very freely. (See cut.) First size, 50 cts. each; second size, 25 cts. each.

Paniculata Grandiflora. This will be found offered with other hardy shrubs on page 170.

Red Branched. This is one of the finest varieties in cultivation, with dark-red branches that brighten as they near the flower trusses. The plant is of robust habit, and produces freely immense heads of deep rose-colored flowers. First size, 50 cts. each; second size, 25 cts. each.

Thos. Hogg. Large, pure white flowers, which, on well-grown plants, measure more than 12 inches in diameter. Is quite as hardy as the other garden sorts. First size, 50 cts. each; second size, 25 cts. each.

SPECIAL OFFER.

We will furnish one each of the above 7 Hydrangeas in extra strong plants for \$2.50. Second size plants for \$1.25.

IPOMEEA.

Noctiflora. The well-known popular white, fragrant Moon Flower. (See cut) 10 cts. each; \$1.00 per doz.

Learii (Blue Dawn Flower). Intense violet-blue flowers, 6 inches in diameter. 10 cts. each; \$1.00 per doz.

LANTANAS.

Alba Perfecta. Fine pure white.

Craig. Rich orange-carmine.

Empress Eugene. Pink with white centre.

Golden Ball. Compact growing, golden-yellow.

Perfection. Green foliage, variegated with yellow, lilac flowers; very showy and constant.

Splendens. Orange, changing to crimson. 10 cts. each; \$1.00 per doz.; the set of 6 for 50 cts.

LAPAGERIA.

Extremely beautiful greenhouse climber, producing numerous fine, large bell-shaped waxy flowers of great substance, lasting a long time in bloom; most attractive of ornamental climbers for the greenhouse or conservatory.

Rosea. Rich rosy-crimson. \$2.00 each.

Alba. Pure waxy white. \$3.00 each.

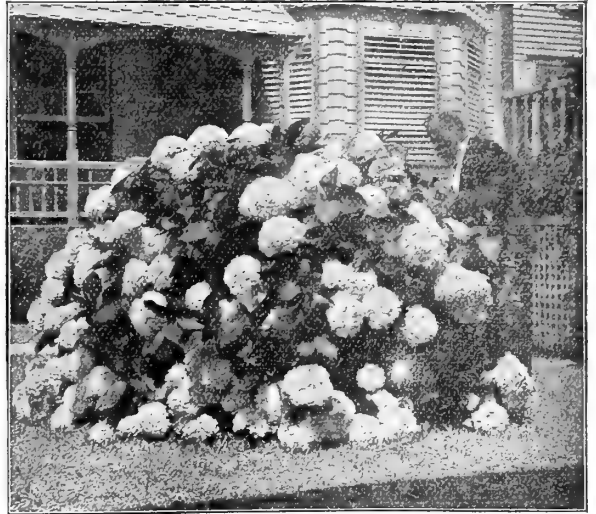
LINUM TRIGYNUM.

Indispensable as an early winter-flowering plant. Its brilliant orange flowers are produced so profusely as to completely cover the plant, making it look like a golden ball; of easy cultivation and a most desirable house plant. 10 cts. each; \$1.00 per doz.

LOTUS PELIORHYNCHUS.

(Coral Gem.)

A most charming trailing plant especially suited for basket culture, with small slender silvery-green foliage and bright coral-red flowers of peculiar shape; a most graceful plant in every way. 15 cts. each, 4 for 50 cts.



HYDRANGEA OTAKSA MONSTROSA.

JASMINUM.

Gracillimum. Exceedingly floriferous; a flowering shoot is produced from every joint, which terminates in a cluster of pure white; fragrant flowers; in bloom from October to February. (See cut.) 25 cts. each.

Grandiflorum (Star Jasmine, or Catalonian Jasmine). This variety is an old favorite and undoubtedly the most satisfactory for general culture; it flowers almost the entire season, and is especially valued as a house plant in winter; pure white, deliciously scented. 25 cts. each.

Grand Duke. Large, double white; imbricated flowers; fragrant. 25 cts. each.

Maid of Orleans.

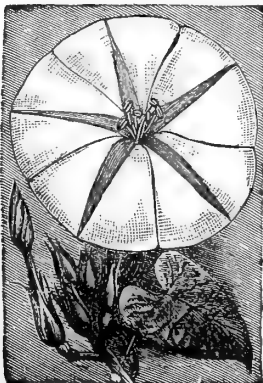
Creamy white, fragrant flowers. 25 cts. each.

Cape Jessamine.

(See page 132.) 25 cts. The set of five varieties, one of each, \$1.00.

JUSTICIA VELUTINA.

A beautiful free-flowering variety, with pretty pink heads of flowers which are produced in the greatest profusion at all seasons. (See cut) 25 cts. each; \$2.50 per doz.



MOON FLOWER.



JUSTICIA VELUTINA.



MARANTA.

MARANTA.

Valuable decorative stove plants, remarkable for the richness and beauty of their varied foliage. (See cut.)

Makoyana. \$1.00 to \$1.50 each.

Masangeana. 50 cts. each.

Rosea Picta. 50 cts. to \$1.00 each.

Zebrina. 50 cts. to \$1.00 each.

PANDANUS (Screw Pine).

Utilis. This is one of the most useful of our ornamental foliage plants; excellent for the centre of vases and baskets, or grown as a single specimen.

	Each.
3-in. pot, 8 in. high	\$.25
4 " " 12 " "	50
5 " " 15 " "	1 00
6 " " 18 " "	1 50

Veitchi. This is one of the most attractive of decorative plants. The leaves are light green, beautifully marked with broad stripes of pure white, and gracefully curved.

4 inch pots, 12 inches high	\$1 00 each
5 " " 15 " "	1 25 "
6 " " 18 " "	1 50 "
Specimen plants, \$5.00 to \$10.00 each.	

OTAHEITE ORANGE.

The best of the Oranges for house culture. It is of dwarf, bushy habit, and bears a profusion of fragrant flowers and edible fruit. First size, fruiting plants, 50 cts. each; second size, 35 cts. each.

ROYAL EXHIBITION PANSIES.

(Shown in colors on the front page of this catalogue.)

The plants here offered are grown from our own choicest strain of seed procured from the world's greatest pansy specialist, and for size of bloom, richness of coloring and texture will be found unapproached by any other strain. (See cut.) Good strong plants, 5 cts. each; 50 cts. per doz.; \$4.00 per 100.

PASSIFLORA (Passion Flower Vine.)

Pfordti. This we consider the best of all the tender varieties for outdoor planting. Its beautiful flowers are borne freely, even on quite small plants. They are of a rich shade of blue, suffused with rose. 15 cts. each; \$1.50 per doz.

Decaisneana Variegata. A pretty variegated variety, having large foliage, which is mottled with bright golden-yellow spots and light colored, almost white flowers. (See cut.) 15 cts. each; \$1.50 per doz.

Macrozamia Elegantissima.

A most distinct and graceful Cycad with small narrow leaves of a rich deep green. A pretty plant for table decoration. \$2.00 each.

MAGNOLIA FUSCATA.

(Banana Shrub.)

A most desirable greenhouse shrub, succeeding admirably as a window plant. It produces its small flowers in the greatest profusion during late winter or early spring months. These are of the most exquisite fragrance, similar to a ripe banana. 30 cts. each.

MANETTIA.

Bicolor. The popular Manettia Vine, and a desirable climber either for the garden or house; long tubular flowers, bright scarlet shading to yellow at the tips.

Cordifolia. Crimson flowers; one of the most graceful vines in our collection.

10 cts. each; \$1.00 per doz.



PASSIFLORA DECAISNEANA VARIEGATA.

METROSIDEROS FLORIBUNDA.

(Bottle Brush.)

A greenhouse shrub, producing long cylindrical spikes of bright red flowers. Very effective. \$1.00 and \$1.50 each.

MUSA ENSETE.

(Abyssinian Banana.)

The grandest of all the Bananas; the leaves are magnificent, long, broad and massive; of a beautiful green, with a broad crimson mid-rib; the plant grows luxuriantly from 8 to 12 feet high. During the hot summer, when planted out, it grows rapidly, and attains gigantic proportions, producing a tropical effect on the lawn, terrace or flower garden. Strong plants at 50 cts. and \$1.00 each.



DREER'S ROYAL EXHIBITION PANSY.

OLEA FRAGRANS.

(Sweet Olive.)

An old favorite greenhouse shrub, succeeding admirably as a house plant, producing small white flowers which are of the most exquisite fragrance, continuing to bloom almost the entire winter. 25 cts. each; \$2.50 per doz.



PANDANUS VEITCHI.

**DREER'S SUPERB
DOUBLE
FRINGED PETUNIAS.**

For many years we have made a specialty of Double Petunias, growing about five thousand seedlings annually, from which we select the choicest for propagation. We have discarded the plain-edged sorts, as the fringed and laced varieties listed below are very much better.

Achille. Dark purple, each petal tipped white
Aspasia. White blotched and mottled purplish magenta.

Aurelius. Mottled purplish crimson and white.

Beatrice. Light lilac with rich purplish crimson veins.

Comet. Dark purple mottled white.

Champion. Intense rich purple; large flower.

Darius. Deep magenta mottled and edged white.

Eleanore. Rosy purple, beautifully frilled.

Excelsior. White, with deep purple mottled centre.

Fairy. White, tinged with pale lilac.

Fortuna. Deep purple, splashed white.

Gem. Pure white with crimson mottled centre.

Hermoine. Deep magenta, mottled and splashed white.

Majestic. Rich deep purple, shaded crimson, one of the finest self-colored varieties.

Medea. Deep purple, edged white.

Neptune. Soft magenta mottled white.

Ovid. White faintly suffused rosy carmine.

Snowball. Pure white.

Striking. Rich purple mottled and edged white.

Vesuvius. Dark purple mottled white.

Price: 15 cts. each; \$1.50 per doz.; set of 20 varieties for \$2 00.

Single Large Flowering Petunias. Mixed Seedlings (ready April 1st), 10 cts. each; \$1 00 per doz.; \$6.00 per 100.

PANAX VICTORIÆ.

A pretty, shrubby plant, with finely divided light green leaves with their edges clearly defined with white variegation; very useful as a decorative plant for the table. 50 cts. each.

PEPEROMIA.

Maculosa. A pretty dwarf-growing ornamental foliage plant, exceedingly useful as a pot plant for the window or for planting in baskets or vases; it has thick, fleshy foliage of a bright green color, veined silvery white. 15 cts. each.

Metallica. A new and pretty addition to this class of plants, foliage of a metallic bronzy color. 15 cts. each.



DREER'S SUPERB DOUBLE FRINGED PETUNIAS.

**PHORMIUM TENAX
VARIEGATA.**

The variegata form of the New Zealand Flax. A useful decorative plant in sub-tropical bedding, with long sword-like foliage, green striped creamy white. 75 cts. each.

PLUMBAGO.

Capensis. Color light blue, very free-flowering.

— **Alba.** Color creamy white.

Either of above 15 cts. each; 6 for 60 cts.

Coccinea Superba. Producing long racemes of flowers and of a bright satiny-carmine color. They remain in bloom a long time and are very showy and brilliant. 25 cts. each; 5 for \$1.00.

The set of 3 for 40 cts.

PELARGONIUMS (Lady Washington Geraniums).

The twelve varieties listed below are the finest that have ever come to our notice. The plants are of strong, vigorous growth and very free-flowering, while the size of the flowers are all that could be desired.

Champion. White delicately shaded blush, small carmine blotch on lower petals, upper feathered maroon and red.

Countess. Clear salmon, large pure white centre, narrow white edge-feathered maroon in upper petals.

Dorothy. Soft rosy salmon, with dark maroon blotches on the upper petals and very richly shaded with plum color around the throat.

Emperor of Russia. Deep purplish maroon with white margin.

H. M. Stanley. Lower petals soft carmine, upper petals deeper with a maroon blotch.

Mermeris. Bright red with maroon blotch.

Mrs. Bradshaw. White with dark purple blotches.

Mme. Thibaut. White, richly blotched and marked with rose, the upper petals marked with crimson maroon with large white centre; petals heavily ruffled, giving it a doubled appearance.

Mrs. R. Sandiford. Pure glistening snow-white.

Madame Vibert. A grand flower with black maroon blotches bordered fiery red, the flower entirely edged with rose.

Marquise of Salisbury. A high colored variety with rich dark spots.

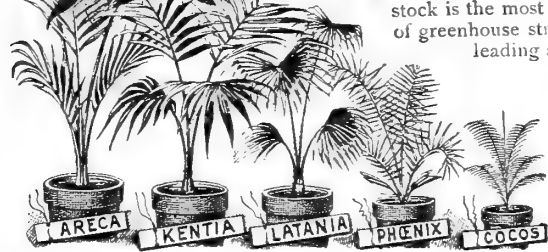
Victor. Bright cherry-red with white markings at base of each petal; two upper petals heavily spotted with deep maroon; fine large flower.

25 cts. each; set of 12 for \$2 50.



PELARGONIUM.

PALMS



COCOS WEDDELIANA.

The most elegant and graceful of all the smaller Palms. Its slender erect stem is freely furnished with its gracefully arching leaves, of a rich green color. Admirable for fern-dishes, as they are of slow growth and maintain their beauty for a long time. (See cut.) 3 in. pots, 12 in. high, 25 cts. each; 4-in. pots, 15 in. high, 50 cts. each.

COCOS INSIGNIS.

This may be called a strong-growing *C. Weddeliana*, being identical except that the foliage is larger and heavier and of stronger growth. 4-inch pots, 3 plants in a pot, 15 inches high, 75 cts. each.

KENTIAS.

The Kentias, both *Belmoreana* and *Forsteriana*, are the hardiest in cultivation and give better satisfaction as a house plant than any other varieties. They are of slow growth, and are not affected by the dust and dry atmosphere of the house, and were we to select one Palm only, it certainly would be a *Kentia*. The two varieties are of similar appearance, the former being dwarfer and more spreading, and the latter is of stronger growth with broader, heavier foliage.

KENTIA BELMOREANA.

SIZE OF POTS.	NO. LEAVES.	HEIGHT.	EACH.
3 inches	4 to 5	12 inches	\$ 35
4 "	5 to 6	15 "	75
5 "	6	20 to 22 "	1 50
6 "	6	24 to 30 "	2 50
7 "	6 to 7	30 to 36 "	3 50
7 "	6 to 7	36 to 42 "	5 00
8 "	6 to 7	48 to 54 "	7 50
10 "	6 to 7	54 to 60 "	12 50

Specimen plants in tubs, \$15.00, \$25.00, \$35.00 and \$50.00 each. Descriptions sent on application.

KENTIA FORSTERIANA.

SIZE OF POTS.	LEAVES.	HEIGHT.	EACH.
3 inches	3 to 4	12 inches	\$ 30
4 "	4 to 5	15 "	50
5 "	5	18 "	1 00
6 "	5 to 6	24 "	1 50
6 "	6	36 "	2 50
7 "	6 to 7	42 "	4 00
7 "	6 to 7	48 "	5 00
9 "	6 to 7	60 "	10 00
10 "	6 to 7	66 "	15 00

Specimen plants in tubs, \$25.00, \$30.00, \$50.00 and \$75.00 each. Descriptions sent on application.



COCOS WEDDELIANA.

NO collection of plants is complete without Palms. Their bold, majestic yet graceful foliage lends a grandeur and magnificence that cannot be obtained by any other class of plants, and no decoration, whether in the conservatory, hall or sitting-room, is complete without them. Nearly all the varieties offered are of the easiest culture, succeeding under the most ordinary conditions. Our facilities for producing this class of stock is the most complete in this country, 35 of our largest houses—over three acres of greenhouse structure—being devoted to them alone, enabling us to supply all the leading and popular sorts at the most reasonable prices.

(The heights given are from top of pot to top of plant)

ARECA LUTESCENS.

One of the most graceful and beautiful Palms in cultivation; the foliage is of a bright glossy-green, with rich golden-yellow stems. 3-inch pots, 4 to 5 leaves, 12 to 15 inches high... each \$ 25

4 "	5 "	6 "	15 "	18 "	"	"	50
5 "	6 "	7 "	18 "	20 "	"	"	75
6 "	6 "	8 "	24 "	"	"	"	1 50
7 "	8 "	10 "	30 "	"	"	"	2 00
8 "	10 "	12 "	36 "	42 "	"	"	3 50
8 "	10 "	12 "	48 "	"	"	"	5 00
10 "	"	"	60 "	"	"	"	7 50
12 "	"	"	72 "	"	"	"	15 00

Fine bushy plants, 60 " " " " 7 50

ARECA BAUERI.

Similar in general habit to *Seaforthea Elegans*, but hardier and with darker foliage and stems; 5-inch pots, 18 inches high. \$1.00 each.

ARECA VER-SCHAFFELTII.

A beautiful species with large pinnate leaves of a light green with creamy mid-rib and stems, while the trunk is bronzy purple; 4-inch pots, 12 inches high. 50 cts. each.

CALAMUS INTER-MEDIUS.

A tropical species, delighting in a high, moist atmosphere, finely feathered dark green foliage. Stems clothed with long dark spines. 3½-inch pots, 12 inches high. \$1.00 each.

CEROXYLLON NIVEUM.

A very rare Palm of imposing habit; large, broad foliage, which is of a silvery white on under side. \$1.00 each.



KENTIA BELMOREANA.

CARYOTA URENS (Fish Tail Palm).

So called on account of the resemblance of the foliage to the fins and tail of a fish; an interesting species. 3-inch pots, 10 inches high, 25 cts. each; 4-inch pots, 15 inches high, 50 cts. each.

CARYOTA SOBOLIFERA.

Similar to the above in general appearance, but with much broader, heavier foliage. 3-inch pots, 8 inches high, 25 cts. each.

GEONOMA GRACILIS.

An elegant dwarf-growing species, with finely feathered foliage; similar to *Cocos Weddelliana*. 3-inch pots, 10 inches high, 35 cts. each.

LATANIA BORBONICA (Chinese Fan Palm).

This popular variety is too well known to require description. We grow them in immense quantities. (See cut.)

POTS.	LEAVES.	HIGH.	EACH.
3 in.	4 to 5	12 in.	\$0 25
4 "	5 to 6	15 "	50
5 "	6	15 "	1 00
6 "	6	20 "	1 50
7 "	6 to 7	24 "	2 50
8 "	7 to 8	30 "	5 00

LATANIA BORBONICA AUREA.

Identical with the popular Chinese Fan Palm, except that the foliage is of a golden yellow color. 4-inch pots, 12 inches high, \$1.25 each.

LIVISTONA ROTUNDIFOLIA.

One of the prettiest Palms, especially suited for table decoration. The foliage is similar to that of *Latania Borbonica*, but smaller and gracefully recurved, forming an almost globular plant. Young plants in 4-inch pots, 4 to 5 leaves, 8 inches high, 50 cts. each; fine specimen plants, in 5-inch pots, \$1.00; 6-inch pots, \$1 50 each.



PHENIX CANARIENSIS.



LATANIA BORBONICA.

PHENIX CANARIENSIS.

One of the hardiest of the Date Palms, with dark green feathery foliage, of strong growth, and is especially valuable for outdoor decoration, as it stands sun and wind without the least damage, even in exposed situations. (See cut)

POTS.	HIGH.	EACH.
8-in. pots,	30 in. high.	\$2 50
9 "	36 "	5 00
9 "	42 "	6 00

PHENIX RECLINATA.

A strong growing form of the Date Palm, with dark green, glossy foliage.

POTS.	HIGH.	EACH.
4-in. pots,	10 to 12 in. high	\$0 50
5 "	15 "	1 00
6 "	24 "	1 50

PHENIX RUPICOLA.

This is one of the most graceful among the smaller Palms, with wide-spreading arching pinnate leaves, broadly lance-shaped in outline, with long, narrow pinnæ. Good strong young plants, in 4 inch pots, 50 cts. each; strong specimens in 6-inch pots, 2 feet high, \$2.00 each; 7-inch pots, \$2 50 each.

RHAPIS FLABELLIFORMIS.

PTYCHOSPERMA ALEXANDREA.

One of the most rapid-growing varieties, and of exceedingly easy culture. Foliage light green on the upper side, with a silvery reflex; very graceful.

POTS.	HIGH.	EACH.
3-in. pots,	10 to 12 in. high	\$0 25
4 "	15 to 18 "	50

RHAPIS FLABELLIFORMIS.

A Japanese variety of easy culture, succeeds in almost any position. The foliage is of a very rich, dark green color; the habit of the plant is to sucker from the base, so that it forms a handsomely bushy specimen. (See cut.) 6-inch pots, about 24 inches high, \$1.50 each; 8-inch pots, 30 inches high, very bushy, \$3.00 each.

RHAPIS HUMILIS.

Very similar to the above, but with much narrower pinnæ.

POTS.	HIGH.	EACH.
Strong plants, in 6-in. pots,	24 in. high	\$1 50
7-in. pots,	30 in. high, bushy specimens	2 50
8 "	36 " very bushy	5 00

THRINAX PARVIFLORA.

A dwarf variety, with small, graceful, deep green palmate foliage. 3-inch pots, 8 inches high, 25 cts. each.

SPECIAL OFFER.

We will send a thrifty young plant each of Areca, Kentia, Phoenix, Latania and Cocos, as shown in illustration on page 138, prepaid, to any address in the United States for \$1.00.

SALVIA SPLENDENS "BONFIRE."

This is the finest of all the Scarle! Sages, growing about 2½ feet high and 2 feet through, producing through the entire season its brilliant spikes of flowers which are borne well above the foliage. (See cut). 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

SANSEVIERA ZEALANICA.

An elegant variegated plant, especially adapted for house decoration, the thick, leathery leaves standing the heat and dust of the house with impunity. (See cut.) 15 cts. each; 4 for 50 cts.

SMILAX.

Too well known to require any description. One of the most valuable plants for bouquets, wreaths, festoons and decorations. Can be easily grown in the house. (See cut.) 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

STEPHANOTIS FLORIBUNDA.

One of the most charming hot-house climbers, growing rapidly, with long, glossy, deep green foliage, and producing clusters of pure white deliciously fragrant flowers. 50 cts. each.

STROBILANTHES DYERIANUS.

A desirable foliage plant, with leaves 4 to 5 inches long and 2 inches wide, which are of an intense metallic-purple color shading into light rose with a light green margin, a combination unapproached by any other plant. It is an excellent plant for use in window boxes, vases or for bedding in a semi-shaded situation. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

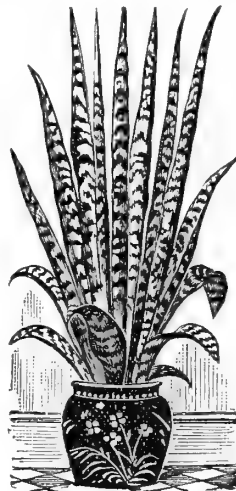
Stigmaphyllon Ciliatum.

(Brazilian Golden or Orchid Vine.)

One of the prettiest tender climbing plants in cultivation, with large yellow butterfly-like flowers resembling that showy orchid *Oncidium varicosum*. The flowers are produced very freely during the entire summer months. It is especially adapted for training over the pillars or on the wall of a conservatory, but will do equally well in the open air. 75 cts. each.



SOLANUM SEAPORTHIANUM.



SANSEVIERA ZEALANICA.

clusters, often a foot across. Color pure white, with a violet tinge on back of petals and on the buds. In pots it is a fine bloomer, both summer and winter. 15 cts. each; 4 for 50 cts.

Seafortianum Azureum (The Blue Solanum). A pretty climbing species of the same habit of growth as the above, but with large clusters of blue flowers which are succeeded by scarlet berries, which remain perfect for a long time. (See cut.) 15 cts. each; 4 for 50 cts.

Wendlandi Magnificum. A rare and beautiful species of climbing habit, beginning to flower early in July and continuing in full bloom until cut down by a severe frost. This is one of the most highly admired plants in our trial grounds, attracting attention at once on account of the large size of its flowers, which are over two inches in diameter, and are produced in large clusters, frequently over 100 flowers being on one truss. Color a mauve-blue of a distinct and pleasing shade. 20 cts. each; 3 for 50 cts.

One each of the above 3 Solanums 40 cts.



SALVIA.

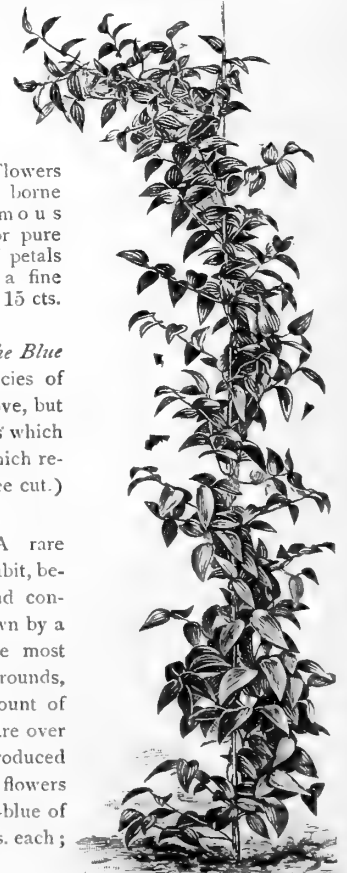
Swainsona Galegifolia.

Alba. A most desirable everblooming plant, with pure white flowers, produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a Sweet Pea. Its easy culture, growing in almost any light position, its freedom of bloom, and the grace and beauty of the flower and plant make it popular.

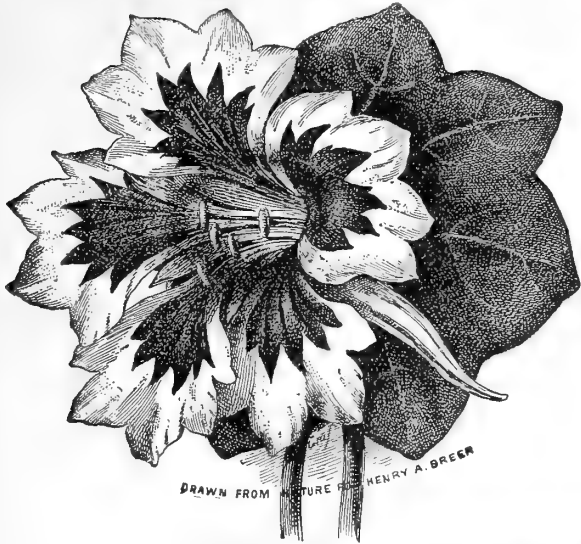
Rosea. A pink-flowered variety; very pretty. 15 cts. each; 2 for 25 cts.; \$1.50 per doz.

SOLANUMS.

Jasminoides Grandiflorum. A beautiful plant, which inclines to a trailing or climbing habit, but can be pinched back to a bush form. Flowers star-shaped, borne in enormous



SMILAX.



DRAWN FROM NATURE BY HENRY A. DREER

TROPAEOLUM PHOEBE.

DOUBLE VIOLETS.

The Double Violets, with the exception of the Russian, which is perfectly hardy, require the protection of a cold frame in the winter.

Lady Hume Campbell. A fine double blue.

Marie Louise. Deep blue, double; fragrant.

Swanley White. Large double, pure white.

Double Russian. Perfectly hardy, double blue, deliciously fragrant, deep in color, and very free-flowering.

Mammoth-flowering Single Violets.

The large-flowering Single Violets, of which the variety known as California was the forerunner, has been brought to a high point of perfection in the varieties offered below, and has placed them in equal favor with the double sorts, and as their culture is much simpler, we strongly recommend the amateurs to confine themselves entirely to this class, unless the facilities are at hand to give the double varieties the special treatment which they require.

Admiral Avellan. A French variety with entirely distinct, bright reddish flowers; of large size; very fragrant.

La France. Rich violet blue; a strong grower and very free-flowering; deliciously scented.



VRIESIA SPLENDENS.



MAMMOTH VERBENA.

Luxonne. Rich, but soft violet purple with stout stems; 9 to 12 inches long, and very sweet.

Princess of Wales Another grand variety, not quite as large as *Luxonne* and a shade lighter in color; intensely fragrant.

Price: Any of the above Double or Single Violets, 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

TROPAEOLUM PHOEBE.

A most attractive and deliciously-scented new variety, producing flowers throughout the winter and summer seasons, of a deep golden-yellow, with a rich crimson-feathered blotch in each segment, outer edges notched or scalloped, the whole forming into an exquisitely-shaped blossom. A free, vigorous grower. When in the height of its perfection, strings of growth 8 to 10 feet long, resplendent with its parti-colored flowers, can be cut for decoration. A grand trailer for the greenhouse in early spring, or outdoors during the summer. 15 cts. each; \$1.50 per doz.

MAMMOTH VERBENAS.

We offer 12 of the most distinct varieties of these useful bedding plants. All are of the mammoth or large-flowered type, which we have been selecting and improving for several years past; the colors range through all the different shades of scarlet, purple, crimson, pink, blue, white, etc. (See cut.) 8 cts. each; 75 cts. per doz.; \$5 00 per 100. Ready March 1st.

VINCA MAJOR VARIEGATA.

One of the very best vase plants. Leaves glossy green, broadly margined, creamy white; blue flowers. 15 cts. each; \$1.50 per doz.

VIBURNUM TINUS.

A pretty greenhouse shrub, commonly known as Laurustinus, producing large trusses of white flowers early in the spring. 30 cts. and 50 cts. each.

VRIESIA SPLENDENS.

A beautiful Bromiliad with light green foliage, transversely marked with brownish black bars, as shown in the illustration. It throws up a tall spike of brilliant scarlet bracts from which the yellow flowers are produced. The rich coloring of the bracts continues for a long time. An excellent house plant in every way, as it does not suffer from a dry atmosphere. (See cut.) 50 cts. each.



LA FRANCE VIOLET.

DRAWN FROM NATURE BY HENRY A. DREER, PHILA.

GRAND NEW ROSE "Liberty."

Undoubtedly the finest crimson Rose of modern times, and a grand addition to the Hybrid Tea class. In color it is a warm, rich crimson-scarlet, and surpasses its rival—the well-known Meteor—in abundance of bloom, size and color, never showing the slightest tendency to blacken, which is so characteristic of Meteor, and most of all by its exquisite fragrance, a quantity altogether wanting in Meteor.

This Rose is particularly welcomed by the floral artist by reason of the unique richness and durability of its color, which, combined with its fragrance, fills a gap long vacant in this shade.

The habit of the plant is simply perfection, throwing up strong, stout stems from the base of the plant; furnished with a wealth of fine foliage, it is constitutionally strong, which, with its tendency to sucker, insures continuity of bloom. We unhesitatingly predict a great future for "Liberty," as it has been thoroughly tested by the introducers, who are among the most expert and accomplished growers in the country. (See cut.)

Strong young plants ready early in March,
2½-inch pots \$1.00 each; \$10.00 per dozen.
3 " " 1.25 " 12.00 " "



"LIBERTY" ROSE.

NEW CLIMBING ROSE "Royal Cluster."

This new variety is a cross between Hermosa and Dawson. A strong growing cluster-rose, of erect habit, entirely hardy, and is an abundant bloomer. The clusters are large, one cluster on the parent plant last year having over one hundred buds and blooms. The color is rosy white, changing to white. The stamens are prominent and of a bright yellow—a striking feature.

Good young plants, 15 cts. each; \$1.50 per doz. Strong 2-year-old plants, 40 cts. each; \$4.00 per doz.

NEW CLIMBING MOSS ROSE

"Cumberland Belle."

This is the forerunner of a new race of Roses, a grand true climbing Moss Rose. It is of American origin, having been found growing in a private garden in the historic Cumberland Valley—a sport from that pretty Moss Rose Princess Adelaide, itself a strong vigorous grower which is wonderfully developed in the offspring, the original sport the first season having attained a height of over fifteen feet and had one hundred and eighteen buds and flowers on it at one time. The past season, planted side by side with Crimson Rambler and other rampant growers, it fully equalled them in vigor of growth. In color it is identical to the parent, a bright silvery rose, very double; the buds nicely mossed and exquisitely fragrant. Altogether a most unique and desirable acquisition. (See cut.)

Strong young plants, 30 cts. each; \$3.00 per doz.

Strong 1-year-old plants, 75 cts. each; \$7.50 per doz.



NEW CLIMBING MOSS ROSE "CUMBERLAND BELLE."

New Evergreen Roses.

The most remarkable achievement and improvement of a new and distinct type of Hardy Roses that has been made for a generation. The growth is remarkable for its freedom, a single plant, four years old, covering a space of 240 square feet, with long shoots, twelve to twenty-five feet in length, completely covering the ground with its bright glossy foliage and showy, fragrant flowers. The foliage of all is leathery in texture, shiny, and not only proof against insects, but *Evergreen*; that is, keeping the foliage all winter; a characteristic in Roses never before obtained.

The flowers are produced most profusely, are all of large size, very fragrant, and can be easily used for cut-flower purposes, especially when in bud. The use of these Roses will be unlimited; for covering graves, to cover roots, stumps and stems of trees, walls and trellises, and also for forcing as pot plants during spring, especially for Easter.

Jersey Beauty (*Wichuraiana X Perle des Jardins*). Extremely vigorous grower, foliage shiny, thick, of leathery substance. Flowers singly or in clusters of two to four, large, single, three inches in diameter, opening pale yellow, with clusters of bright yellow stamens, which gives it a most striking appearance, fragrant, and produced in greatest profusion, covering the plant entirely, and having the appearance of a Yellow Cherokee Rose. Most striking variety of the set.

Evergreen Gem (*Wichuraiana X Madame Hoste*). The most wonderful grower of the set. Foliage fine rich bronze color, closely matted. Flowers produced singly on stems, yellow, buff in bud, opening to almost white, two or three inches in diameter, perfectly double, and of a delightful sweetbriar fragrance. (See cut.)

Gardenia (*Wichuraiana X Perle des Jardins*). Strong grower with large green foliage. Flowers produced singly on stems one-half to one foot long. When in bud, hardly distinguishable from *Perle*, bright yellow, and when open cream color, three to three and a half inches in diameter, incurving towards evening to perfect imitation of *Gardenia* or *Cape Jessamine* as to shape and color, hence its name. Flowers are delightfully fragrant, and produce freely. A grand Rose for any purpose.

Price any of the above, fine strong young plants from 3 inch pots, 35 cts. each; \$3.50 per doz. Set of 3 varieties for \$1.00.

A limited number of strong one-year-old plants, \$1.00 each.

THE MEMORIAL ROSE.

(*Rosa Wichuraiana*.)

A beautiful single Rose from Japan. Blooms in clusters on the ends of short branches during July and August. Flowers fragrant, single, pure white, from 6 to 8 inches in circumference, with yellow stamens, followed in fall and winter with bright red fruit. Foliage dark shining green, almost evergreen; prostrate, trailing habit, and soon forms a dense mat or covering. Valuable for covering low walls, banks or rockeries, and for covering graves in cemeteries. It is perfectly hardy.



NEW ROSE, EVERGREEN GEM.

Strong 2-year-old plants, 30 cts. each; \$3.00 per doz.; \$20.00 per 100.
Strong 1 " " 20 " 2.00 " 15.00 "

HYBRID WICHURAIANA ROSES.

These pretty hybrids of this most useful Rose are quite hardy and need no protection whatever in winter, and from their trailing habit are admirably adapted for covering rock-work or bare spaces, as well as planting in the border. They are of very free growth, with foliage of a fine deep green, which lasts until well on in the winter. The flowers are produced in immense quantities, and last a long time in perfection. Altogether very desirable.

Triumph. This variety is of free growth, with fine foliage, double white flowers produced in clusters; sweet scented.

South Orange Perfection. Dwarf trailing habit, double flowers, bluish-pink at tips, changing to white.

Universal Favorite. Soft light pink flower, very fragrant.

Pink Roamer. Strong grower, with single bright rich pink flowers and almost white centre; orange-red stamens.

Extra strong 1-year-old field-grown plants, 30 cts. each. Set of 4 varieties, \$1.00.
Good young plants, 15 " " 4 " .50

DAMASK ROSES.

These four old Roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, perfect hardiness and the abundance of flowers they produce make them indispensable.

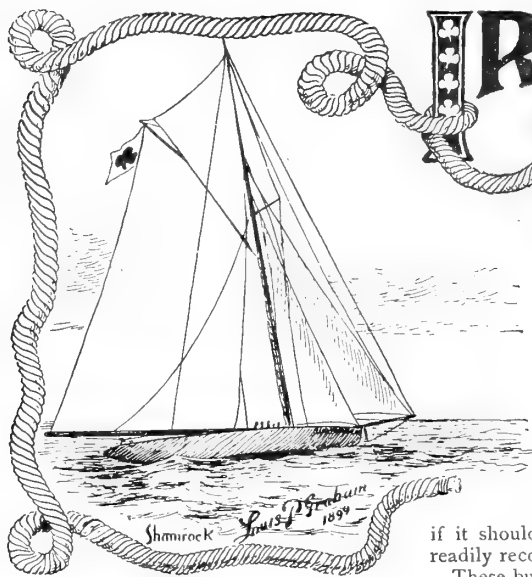
Cabbage, or Provence. Rosy-pink flowers.

Madame Hardy. Beautiful, large, double-white flowers.

Madame Plantier. Pure white, and a free bloomer; unrivaled for hedges or cemetery use.

White Provence. Pure white, delightfully fragrant.

30 cts. each; the set of 4 for \$1.00.



IRISH-GROWN ROSES

Dickson's Irish Roses have a world-wide reputation for vigorous, free and healthy growth and fine flowers, and in the neighborhood of Philadelphia they have proven so satisfactory that we have frequently been asked to supply this stock.

This has induced us to offer them, and the collection of twenty-five sorts enumerated below are the varieties best suited to our climate, and have been received direct from the growers in the northern part of the Emerald Isle, where the soil and climatic conditions favor the perfect development and the thorough ripening of the wood. These plants are not grown on their own roots, but are budded or grafted, and they should on this account be planted sufficiently deep, so that the point at which they are grafted is at least two inches below the surface. When this is done it is rare that a wild shoot starts from the base, and if it should happen, the growth and foliage of the stock are so distinct that it is readily recognized by the most inexperienced amateur, and is easily removed.

These budded Roses must not be confounded with the dormant stock usually sold by department stores in spring, which invariably comes from Holland, where it is

grown on low, wet land by unskilled peasant labor, and which are, as a rule, worthless in our climate.

Anna de Diesbach. Clear bright carmine; very large and finely shaped, full and fragrant.

Baroness Rothschild. Rich satiny pink, very large and double; one of the best.

Boule de Neige. Pure white, petals of great substance, medium size, fine form, good habit and very free.

Captain Christy. A lovely Rose, blooming almost the entire season; very large double buds of a deep flesh color; strong grower and grand foliage.

Captain Hayward. Bright crimson carmine, an entirely distinct shade of color, of perfect form and very sweet.

Clio. Flesh color, shaded in the centre with rosy pink; large and of fine form; very free-flowering.

Earl of Dufferin. Velvety crimson, shaded with maroon; large, full, finely formed.

Fisher Holmes. Magnificent scarlet, shaded with deep velvety maroon; very brilliant, large and full.

Gloire Lyonnaise. White, tinted with yellow; large, full and of good shape; entirely distinct.

Gustave Piganeau. Brilliant carmine lake; very large, equalling Paul Neyron in size, but of better shape; full and cupped; handsome buds.

Helen Keller. Bright rosy cerise; petals shell-shaped, of great substance; very free and good.

Lady Helen Stewart. Bright crimson-scarlet; petals smooth, of great substance; highly perfumed.

La France. Splendid satiny rose; very large, full, fine form, a constant bloomer; undoubtedly one of the best.

Mrs. J. Sharman Crawford. Deep rosy pink, outer petals shaded with pale flesh; distinct and fine.

Mme. Gabriel Luizet. Pale pink; a delicate and beautiful tint; large and full, cupped; very sweet.

Margaret Dickson. White, with pale flesh centre; large shell-like petals, good form, handsome foliage; the finest white hybrid yet introduced.

Merveille de Lyon. Pure white, sometimes flushed with satin rose; very large, full and cupped in the way of Baroness Rothschild.

Magna Charta. Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.

Mrs. John Laing. Soft pink, finely shaped and exceedingly fragrant; it commences flowering early, is remarkably free and continues late in autumn.

Marie Bauman. Bright carmine; very large, smooth and of exquisite form; one of the best.

Paul Neyron. Dark rose; of fine form and habit; the largest of all.

Rodocanachi. A beautiful transparent rose color, shaded pink; large, full and very fragrant.

Souvenir de Malmaison. An old favorite; clear flesh, edges blush; large and full; one of the best of its type.

Tom Wood. Cherry-red; large shell-shaped petals of great substance.

Ulrich Brunner. Bright cerise-red, magnificent petals and a fine Rose in every respect.

Price: Strong 2-year-old budded plants 40 cts. each; \$4.00 per doz. Set of 25 varieties for \$7.50.

Lord Penzance's Hybrid Sweet Briars.

These are crosses between the common Sweet Briar and various *old-fashioned* Garden Roses; the flowers are single or semi-double. The plants are very vigorous and perfectly hardy, and the foliage of all of them is as sweetly scented as the common Sweet Briar. They form a distinct break from any class of Rose yet in commerce. Of the 16 varieties introduced since 1894, we have selected the 5 varieties offered below as the most distinct and handsome:

Anne of Gierstein. Dark crimson, good grower and graceful branching habit.

Brenda. Maiden's blush or peach, dainty in color and shade; the contrast and effect of the bright golden anthers add a peculiar charm to this variety.

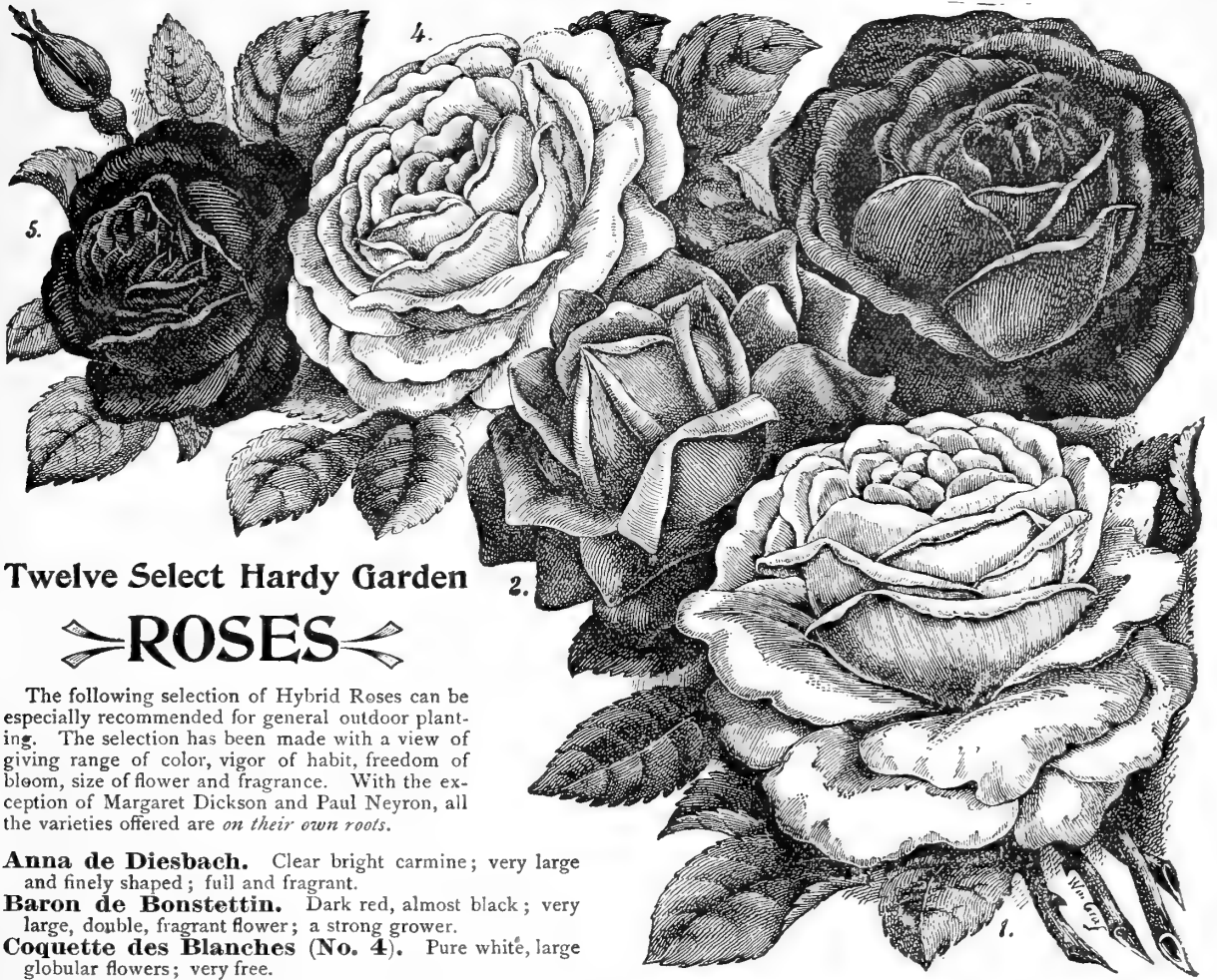
Lady Penzance. Beautiful soft tint of copper, with a peculiar metallic lustre; the base of each petal is a bright yellow, which, showing through the clear golden anthers,

forms a halo round them; very free flowering, with a delicious perfume from foliage and flower.

Lord Penzance. Soft shade of fawn or écreu, passing to a lovely lemon yellow in the centre, sometimes toned with a most delicate pink; a good grower and abundant bloomer; very sweet-scented.

Meg Merrilies. Gorgeous crimson, very free flowering, seeds abundantly, has a wonderfully robust habit, large foliage; one of the best.

We offer strong 2-year-old plants at 40 cts. each. The set of 5 for \$1.50.



Twelve Select Hardy Garden
ROSES

The following selection of Hybrid Roses can be especially recommended for general outdoor planting. The selection has been made with a view of giving range of color, vigor of habit, freedom of bloom, size of flower and fragrance. With the exception of Margaret Dickson and Paul Neyron, all the varieties offered are on their own roots.

- Anna de Diesbach.** Clear bright carmine; very large and finely shaped; full and fragrant.
- Baron de Bonstettin.** Dark red, almost black; very large, double, fragrant flower; a strong grower.
- Coquette des Blanches (No. 4).** Pure white, large globular flowers; very free.
- General Jacqueminot (No. 3).** Brilliant scarlet-crimson.
- Jules Margottin.** Bright carmine, cup-shaped flowers, free and very fragrant.
- Marchioness of Lorne (No. 2).** A remarkably free-flowering variety, with cup-shaped flowers; rich, fulgent rose, shaded vivid crimson in the centre; very double and sweet.
- Marshall P. Wilder.** Cherry-carmine; large, full, semi-globular flower of fine form.

- Magna Charta.** Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.
- Margaret Dickson (No. 1).** The finest white hybrid yet introduced.
- Paul Neyron.** Very large, dark rose; an old favorite.
- Prince Camille de Rohan (No. 5).** Deep velvety crimson-maroon, shaded scarlet.
- Ulrich Brunner.** Bright cerise red; flowers large and full.

Price: Extra strong 2-year-old plants, 40 cts. each; the set of 12 varieties for \$4 00
 Fine “ “ “ “ 30 cts. “ “ “ “ “ “ 3 00
 Fine young “ “ “ “ 20 cts. “ “ “ “ “ “ 2 00

TWELVE SELECT EVERBLOOMING SUMMER ROSES

That will produce a mass of Roses to cut from the entire season.

These plants have been grown with special care, and the varieties are the very best for outdoor culture, and will prove invaluable in any garden, whether for display or for cutting purposes, and are hardy with protection.

- Clothilde Soupert.** Color French white, deepening to rosy blush in the centre; one of the freest-flowering Roses in cultivation, being in bloom all the time.
- Comtesse Riza du Parc.** Salmon rose tinted with copper, large, full and globular; effective and free-flowering.
- Duchess de Brabant.** One of the most beautiful old varieties in cultivation, being of free growth, always in bloom, and of a most desirable color; a beautiful silvery pink.
- Etoile de Lyon.** Best yellow summer bedding Rose yet introduced, rich in color, of beautiful form; a strong grower and very free-flowering.
- Kaiserin Augusta Victoria.** One of the most desirable white Roses for summer bedding; large flowers, produced in great profusion; a strong, healthy grower with large foliage.

- Hermosa.** Undoubtedly the best pink bedding Rose.
- Maman Cochet.** An extra strong grower, producing its large buds and flowers in the greatest profusion; color deep rose pink, inner side of petals silvery rose; borne on long stiff stems; very double and exquisite when in bud.
- Mlle. Francois Kruger.** A grand bedder; large, full flowers of a distinct and pleasing shade of coppery-yellow.
- Queen's Scarlet.** A rich shade of crimson; a most prolific flowering and a most desirable bedding variety.
- Safrano.** An old favorite; saffron yellow; still one of the best of its type for outdoor planting.
- Souvenir de la Malmaison.** Rich flesh color, beautifully shaped double flowers. A grand Rose in every way.
- White Maman Cochet.** Identical with Maman Cochet except in color; an ideal bedding variety.

Price: Extra selected plants grown in 5-inch pots, 30 cts. each; set of 12 varieties for \$3 00
 Strong “ “ “ “ 4 “ “ “ “ “ “ “ 2 00
 Young “ “ “ “ 3 “ “ “ “ “ “ “ 1 50

SELECT TEA ROSES.

The tea-scented, everblooming Roses, are admired for their delicious fragrance, free-blooming qualities, and the exquisite shapes and coloring of their flowers. They make excellent bedders, and yield a succession of bloom through the entire season.



MAMAN COCHET.
Offered on page 145.

- Anna Ollivier.** Flesh color, shaded salmon, large and full.
- Bon Silene.** An old favorite, brilliant carmine, fine in bud form.
- Bougere.** A fine bedding Rose, coppery pink color, free and sweet.
- Bridesmaid.** This beautiful Rose is a sport from Catherine Mermet, possessing all the good qualities of that popular variety, but surpassing it in color, being of a darker, richer pink. A most desirable sort for garden or winter forcing.
- Catherine Mermet.** Bright flesh color; full, beautiful; one of the most lovely of its color.
- Christine de Neve.** Deep rosy crimson, centre salmon rose; large, full and sweet.
- Comtesse Riza du Parc.** See page 145.
- Coquette de Lyon.** Light canary yellow; a most desirable bedding variety.
- Duchess de Brabant.** See page 145.
- Ernest Metz.** Soft carmine rose.

- Etoile de Lyon.** See page 145.
- Golden Gate.** Creamy white, centre and base of petals soft golden yellow.
- J. B. Varonne.** Deep rose, base of petals coppery yellow; very sweet
- Kaiserin Augusta Victoria.** See page 145.
- Louis Richard.** Rich coppery rose, changing to buff, shaded carmine; good bedder.
- Marie Guillot.** White slightly tinted lemon, very large, finely shaped double blooms.
- Marie Lambert (Snowflake).** A pure white variety, of large size and delicious fragrance.
- Marie Van Houtte.** Pale yellow, an excellent bedding variety.
- Marion Dingee.** Deep brilliant crimson.

- Maman Cochet.** See page 145.
- Marquis de Viviers.** Pale rose, shaded with yellow at the centre; delicate and beautiful.
- Meteor.** A rich dark velvety crimson Hybrid Tea; a free-blooming and vigorous grower.
- Mlle. Francois Kruger.** See page 145.
- Mme. Camille.** Large, full, globular flowers of a soft flesh changing to salmon rose.
- Mme. Caroline Testout.** A magnificent Rose, flowers large, full, of globular form, color clear satin rose, very fragrant.
- Mme. Elie Lambert.** Creamy white, faintly tinted with golden yellow, exquisitely bordered and shaded with soft rose; very profuse and sweet.

- Mme. Joseph Schwartz.** Light salmon rose; changing when fully expanded to creamy white.
- Mme. Lambard.** Color, clear bright satiny pink, with rosy centre; a grand variety for bedding.
- Mme. Margottin.** Rich saffron orange, of fine form, a most desirable bedding Rose.
- Mme. Schwallier.** Deep rosy flesh, strong-growing and free-flowering.
- Papa Gontier.** Dark crimson red, with long pointed buds; beautiful for cutting.
- Perle des Jardins.** Beautiful rich yellow, of large size and perfect form.

Price, any of the above, **first size,** select plants, grown in 5-inch pots, 30 cts. each; \$3.00 per doz.; set of 38 varieties for \$9.00.
 " " **second size,** strong " " 4 " 20 " 2.00 " " " " 5.50.
 " " **third size,** " " " 3 " 15 " 1.50 " " " " 4.00.

ROSA RUGOSA.

The lovely Ramanas or Rugosa Roses form sturdy bushes 3 to 5 feet in height, covered with handsome, glossy green foliage and clusters of beautiful single flowers which emit a delightful odor. They bloom nearly the whole summer, and are covered during autumn and winter with red seed pods.

- Rugosa.** Fine glossy crimson.
- Rugosa Alba.** Pure white.

Extra strong 2-year-old plants, 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

MOSS ROSES.

A class of roses which are much admired. The beauty of the flowers consists in the delicate mossy covering which surrounds the bud, and gives to the opening flower a unique appearance.

- Blanche Moreau.** Lovely pure white, large and full.
- Countess de Murinais.** Large white, beautifully mossed.
- Crested Moss.** Rose color, beautifully crested.
- Gloire de Mosses.** Blush, very large and full.
- Henry Martin.** Fine crimson, very vigorous.
- Princess Adelaide.** Bright, silvery-rose, large.

Strong plants, 30 cts. each; set of 6 for \$1.50.

Hardy Hybrid Perpetual ROSES.

The list offered comprises all the distinct and really valuable shades. Many sorts have been left out, not because they are of no value, but that the sorts listed are superior in size, hardiness, vigor, productiveness, or some other characteristic that is necessary to make a good Rose.

Varieties marked with an "*" are grown on their own roots. This class of stock gives much better satisfaction to the general planter than budded or grafted plants; however, some of the finest varieties will not produce good plants on their own roots. In such cases we offer the best low-budded stock obtainable, preference being given to home-grown stock budded on Manetti, which is the most desirable for our climate. Care should be taken in planting budded stock to set out deeply, planting them at least two inches below the point where budded, which prevents the stock from suckering to a very great extent.

***Alfred Colomb.** (For description see page 145.)

***American Beauty.** An excellent rose for forcing. The flowers are very double, of a deep crimson color, and very fragrant.

***Anna de Diesbach.** (See page 145.)

Augustine Guinoseaux (*White La France*). A sport from the popular La France, which it resembles in every way except color, which is of a unique shade of flesh white.

***Baron de Bonstettin.** (See page 145.)

Baroness Rothschild. A magnificent rose; color rich satiny pink.

Boule de Neige. Pure white, petals of great substance, medium size, fine form, good habit and very free.

Captain Christy. A lovely Rose, blooming almost the entire season; very large double buds of a deep flesh color; strong grower and grand foliage.

Captain Hayward. Bright crimson-carmine, an entirely distinct shade of color, of perfect form and very sweet.

***Caroline de Sansal.** Clear brilliant rose, merging into rosy-lilac.

***Coquette des Blanches.** (See page 145.)

***Coquette des Alps.** White centre, shaded rose.

Dinsmore. Rich crimson.

Duchess of Albany. Rich deep pink.

Earl of Dufferin. Velvety crimson, shaded with maroon, large, full, finely formed.

Eclair. Bright fiery red, of medium size and neat shape.

***Eugene Furst.** Velvety crimson, shaded deep crimson; large and full, good shape. A fine dark rose.

***Fisher Holmes.** Rich velvety crimson, large double.

***General Jacqueminot.** (See page 145.)

General Washington. Very full crimson, free-flowering.

Gloire de Margottin. Dazzling scarlet.

Gloire Lyonnaise. White, tinted with yellow; large, full and of good shape. Entirely distinct.

Jean Liabaud. Velvety crimson shaded with black.

***John Hopper.** Bright rose, carmine centre; flowers large, cupped and well formed.

***Jules Margottin.** Bright carmine, cupped; very fragrant; a splendid variety.



MARGARET
DICKSON.

La France. Splendid satiny rose; very large, full, fine form, a constant bloomer; undoubtedly one of the best.

Louis Van Houtte. Dark velvety crimson, of good form.

Mabel Morrison. Pure white; in autumn faintly flushed with pink; a lovely and distinct rose.

***Magna Charta.** (See page 145.)

***Marshall P. Wilder.** (For description, see page 145.)

Merveille de Lyon. Pure white, shaded rose.

***Mme. Gabriel Luizet.** Fine satiny rose, very free.

Mrs. John Laing. Delicate pink, with white satin tinge.

***Mrs. J. Sharman Crawford.** Deep rosy pink, outer petals shaded with pale flesh; distinct and fine.

***Marchioness of Lorne.** (See page 145.)

Margaret Dickson. (See page 145. See cut.)

Marie Bauman. Bright carmine, very large, smooth and of exquisite form.

***Prince Camille de Rohan.** (See page 145.)

Paul Neyron. (For description, see page 145.)

Queen of Queens. Pink with blue edges, large and full, of perfect form, one of the very best of its color.

Rodocanachi. A beautiful transparent rose color, shaded pink; large, full and very fragrant.

***Ulrich Brunner.** (See page 145.)

Victor Verdier. Rosy carmine, large, showy.

White Baroness. Pure white; a splendid bloomer.

Xavier Olibo. Velvety black, shaded with amaranth.

First size, extra heavy 2-year-old plants	40	cts. each;	\$4.00	per doz.;	set of 45 for \$12.00
Second size, good " " "	30	"	3.00	"	45 " 9 00
Third size, " 1 " "	20	"	2.00	"	45 " 6 00



CLIMBING ROSES.

CRIMSON RAMBLER.

After five years' trial this variety has made a record which places it at the head of the list of Hardy Climbing Roses. It is a vigorous grower, making shoots 8 to 10 feet in height in a single season, and when in bloom commands admiration by the gorgeous display of its brilliant crimson clusters of blossoms, each cluster a bouquet in itself. Within the past two years we heard of several cases where upwards of 8,000 blossoms have been produced by a single plant. This marvelous prodigality of bloom is not unusual with it, as it succeeds everywhere. As a pot plant, it is unequalled for decorative purposes, thousands of pots of it in bloom being sold in Philadelphia last Easter. The blooms remain on the plant for a great length of time without losing their brightness, the foliage is also retained to a great extent during the winter, making the plant almost evergreen. It is perfectly hardy in all parts of the country.

Extra selected 2-year-old plants, 50 cts. each; \$5.00 per doz.

Strong " " " 40 cts. " 4.00 " "

Strong young plants, 15 cts. each; \$1.50 per doz.

SPECIAL.

A limited number of extra heavy plants with canes 7 to 8 feet long, which will produce an immense immediate effect. \$1.50 each.

WHITE RAMBLER (Thalia).

Similar to the Yellow Rambler in every way except color, which is pure white.

Strong 2-year-old plants, 40 cts. each; \$4.00 per doz.

Strong young " 15 cts. " 1.50 " "

YELLOW RAMBLER (Aglia).

This new Hybrid Noisette produces its flowers in the same manner as the popular Crimson Rambler—that is, in large pyramidal-shaped trusses, frequently being from 50 to 100 flowers in a truss. In color it is a decided yellow, with moderate-sized cup-shaped nearly full flowers, which are sweetly scented. Its habit of growth is very strong, frequently making shoots of 8 to 10 feet in one season.

Strong 2-year-old plants, 40 cts. each; \$4.00 per doz.

Strong young " 15 cts. " 1.50 " "

SPECIAL OFFER.

We will send one each of the three Ramblers, Crimson, White and Yellow, strong 2-year-old plants, for \$1.00, or one young plant of each for 30 cts.



CRIMSON RAMBLER ROSE.

HARDY CLIMBING ROSES.

- Baltimore Belle.** Blush, flowers in clusters.
Grevillea, or Seven Sisters. Flowers in clusters, opening a light rose color, changing to pure white.
Prairie Queen. Deep rose, hardy and desirable.
Reine Marie Henriette. Rich cherry crimson, one of the finest.
Russel's Cottage. Carmine, very full; a strong, vigorous grower.

Extra strong 2-year-old plants, 40 cts. each; \$4.00 per doz.

Strong " " " 30 cts. " 3.00 " "

- Sweet Briar.** Rosy pink.
Tennessee Belle. Blush, of good size, flowers in clusters.
W. A. Richardson. A peculiar shade of orange-yellow, very distinct; requires protection.
Washington. Pure white, very free.
Yellow Persian. The only hardy yellow climbing rose.

TENDER CLIMBING OR PILLAR ROSES.

These are not hardy in this latitude, except in favored positions, or with protection; especially adapted to covering rafters, etc., in greenhouses.

- Chromatella (Cloth of Gold).** Golden-yellow.
Devoniensis. Creamy-white, of lovely form.
Gloire de Dijon. Blush and yellow.
Lamarque. Creamy-white.
Solfaterre. Fine shade of light yellow.

First size 40 cts. each, \$4.00 per doz.; second size 30 cts. each, \$3.00 per doz.

- Marechal Niel.** A superb climbing rose, which, for fragrance, beauty and size, is still without a rival; bright golden-yellow. First size, strong, 50 cts. each, \$5.00 per doz.; second size 30 cts. each, \$3.00 per doz.; young plants 15 cts. each, \$1.50 per doz.

EXTRA STRONG. Canes about 8 feet long of **Marechal Niel** and **Gloire de Dijon** at \$1.50 each.

- Waltham Climber (No. 3).** Rich crimson, very full and of fine form.
White Banksia. White, small flowers; very fragrant.
Yellow Banksia. Yellow, small flowers; very fragrant.

Dreer's Select Hardy Perennials

ALTHOUGH popularly known as old-fashioned plants, Perennials have never been so popular as they are at the present time, and we feel safe in saying that a permanent taste for this class of plants has been developed, which is certain to continue and make Perennials as popular in the United States as they have been in the horticultural centres of Europe for many years. While there is much richness in the intricate lines of carpet bedding, and much gorgeousness about a large bed of highly colored Geraniums, the eye of the true lover of flowers

Perennials



soon grows tired of these, on account of the general sameness and monotonous uniformity of lines and color, whereas a small bed or border, even of less than 50 species, of Perennials, can be so arranged as to present something fresh continuously during the entire season, and, by the addition of a few early-flowering bulbs, flowers appear almost as soon as snow leaves the ground, and continue until late in the autumn; yes, even on frosty mornings, when all tender plants have been killed, the Hardy Pomponne Chrysanthemums may be cut by the armful, sparkling with crystals of frost, none the worse for their exposure.

Cultivation is of the simplest, beginning with any good garden soil for a foundation, which may be enriched with any good fertilizer, such as well decomposed cow manure or bone meal, deeply dug, well pulverized, in which the plants should be set as early in the season as possible, so as to enable them to become well rooted and established before hot, dry weather sets in, keeping the ground well stirred, and where it is not convenient to water the beds during hot, dry weather, a mulch of any loose material, which will keep the soil from baking, will be found very beneficial. Short grass, the rakings of the lawn after cutting, will be as good for this purpose as anything.

A covering of manure should be applied in the fall; this may be forked into the soil early in spring, and, beyond this, little care need be given, the occasional staking of a plant, the cutting off of decaying flowers, which will prolong the flowering season of many species, and the dividing and replanting occasionally of such varieties that have become too large, being all that is needed.

Many additions have been made to our collection this season, and, though our list is perhaps not the largest offered, it is the most complete and up-to-date collection in the country, our aim being to offer only the most desirable, excluding all weedy and undesirable sorts.

For such of our customers who are not acquainted with the different varieties we offer the following collections, that, when once planted, will, with very little care, keep the garden gay with flowers from the time frost leaves the ground until late in the autumn:

12 distinct species, our selection.....	\$1 50	|	50 distinct species and varieties, our selection.....	\$ 5 50
25 " " " "	3 00	|	100 " " " "	10 00



ACHILLEA PTARMICA FL. PL.
"THE PEARL."

Barbatum. Large bluish-purple flowers.
Napellus. Large dark blue flowers. (See cut.)
15 cts. each; \$1.50 per doz.

ADONIS.

Beautiful early spring-flowering plants, with finely cut ornamental foliage; especially effective in rock-work.



ACONITUM NAPELLUS.

Pyrenaica. Large, handsome, brilliant orange-yellow flowers.
Vernalis (Ox-eye). One of the earliest spring flowers, with yellow blossoms, 2 to 3 inches across; fine feathery foliage. (See cut.)

25 cts. each; \$2.50 per doz.

AJUGA (Bugle).

A useful plant for carpeting the ground, particularly in shady positions, such as under trees where grass will not grow; also useful for the rockery.

Reptans Rubra. Bronzy-purple foliage, blue flowers.
— **Variegata.** Foliage splashed and marbled with creamy white.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

ALYSSUM.

Saxatile Compactum (Basket of Gold, Gold-tuft, or Rock-mad-wort). An indispensable plant for the rockery or border, producing early in summer masses of broad, flat heads of bright yellow flowers.

20 cts. each; \$2.00 per doz.

AMSONIA.

Tabernæmontana. A stout, shrub-like plant, with dense terminal spikes of clear blue flowers.

25 cts. each; \$2.50 per doz.

ANCHUSA.

Italica. A strong-growing plant, attaining a height of 3 to 4 feet, with rough, broad foliage and large terminal heads of deep blue flowers, which are produced during the entire season.

25 cts. each; \$2.50 per doz.

ANTHEMIS.

(Hardy Golden Marguerite).

These hardy Marguerites are among the most satisfactory summer-flowering perennials, succeeding in the poorest soil and blooming continuously during the entire summer. (See cut.)

Tinctoria. Of dense bushy habit, with large golden yellow flowers.

— **Kelwayii.** Similar to the above, but with deeper yellow flowers.

15 cts. each; \$1.50 per doz.

ACHILLEA.

(Milfoil, or Yarrow).

Ptarmica Fl. Pl. "The Pearl." Flowers borne in the greatest profusion the entire summer on strong, erect stems of the purest white; as a summer cut-bloom it is a great acquisition. (See cut.)

Filipendulina (Noble Yarrow). A vigorous showy species, with golden yellow flowers in dense flat corymbs; foliage very handsome.

Millefolium Roseum. Finely cut deep green foliage; flowers pink in dense heads. Well worth growing, both as a border plant and for cutting.

15 cts. each; \$1.50 per doz.

ACONITUM.

(Monkshood, or Helmet Flower).

Invaluable for planting under trees or in shady positions, succeeding better there than almost anything else.

ÆGOPODIUM.

(Bishop's Weed.)

Podagraria Variegata. A rapid-growing plant, thriving in any soil; makes a fine border for a bed of shrubs or for covering waste or barren spots.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.



ADONIS VERNALIS.



ANTHEMIS.



ANEMONE SYLVESTRIS.

ANEMONES.

(Windflower.)

Japanese Varieties.

The varieties of Anemone Japonica are among the most desirable of our hardy perennial plants. Commencing to flower in August, they continue to increase in beauty until cut down by heavy frost late in the fall, frequently flowering as late as the middle of November. They delight in well-enriched soil, where they can be liberally supplied with water during hot weather.

Queen Charlotte. Nothing in the way of new hardy perennial plants pleased us so much last summer as this grand new Anemone, which we consider the greatest acquisition in this class of plants for many years: The plant is of strong robust growth, much more vigorous than any of the old varieties, and commences to flower at least four weeks earlier than these. The flowers, which are large, semi-double, frequently measure 4 inches across and are of that pleasing shade of pink peculiar to the La France Rose, a color that is not often met with in hardy perennials. Awarded a certificate of merit by the Penna. Horticultural Society. (See cut.) 25 cts. each; \$2.50 per doz.

Coupe D'Argent. Another new variety, with very large double creamy-white flowers; entirely distinct from Whirlwind, the flowers assuming a semi-globular shape like an incurved Chrysanthemum. 35 cts. each; \$3.50 per doz.

Japonica Alba. Pure white, yellow centre and dark eye.

— **Elegans.** Carmine, yellow centre, dark eye.

— **Lady Ardilaun.** A pure white variety, with broad, overlapping petals.

— **Whirlwind.** A semi-double form of, and in general style and habit identical with, the white Anemone. Even more free-flowering than the original type. The flowers, which are 2½ to 3 inches across, have several rows of pure white sepals, and have the advantage of lasting much longer than the single varieties.

15 cts. each; \$1.50 per doz., except where noted. Set of 6 Japanese Anemones, \$1.00.

Various Varieties.

Pennsylvanica (*Pennsylvanian Windflower*). The prettiest of our native Windflowers, producing its large white flowers, which are slightly tinged with rose on the reverse side, in the greatest profusion from June to August; an excellent plant either for the border or rockery, and succeeds equally well in sun or shade. 15 cts. each; \$1.50 per doz.

Sylvestris (*Snowdrop Windflower*). Large, cup-shaped, pure white flowers, on clean stems, held well above the neat, handsomely cut foliage; one of the most satisfactory plants for the border, and equally at home in partial shade, naturalized in the grove or in the rockery. (See cut.) 15 cts. each; \$1.50 per doz.



ANEMONE QUEEN CHARLOTTE.

A most useful class of plants, either for the border or for filling in within the shrubbery. Though not remarkable for their flowers, the foliage of the sorts offered is very ornamental.

ANTHERICUM.

Lilium (*St. Bruno's Lily*). A beautiful plant, with narrow, grass-like foliage, and long spikes of white, fragrant, lily-like flowers. (See cut.)

Liliago (*St. Bernard's Lily*). A pretty species, bearing spikes of white flowers.

10 cts. each; \$1.00 per doz.

ARENARIA.

(Sand-wort.)

Balearica. A close-growing creeping plant for covering rocks and stones; flowers pure white, prettily studding the foliage during the spring months. 15 cts. each; \$1.50 per doz.

ARTEMESIA.

Abrotannum (*Old Man or Southernwood*).

Dark green finely cut foliage, with pleasant aromatic odor.

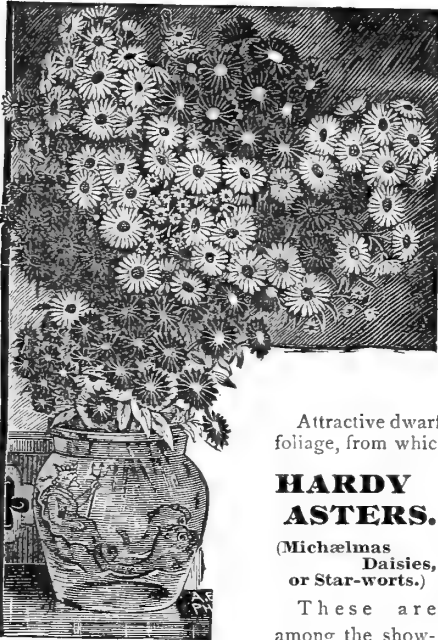
Purshiana. A strong-growing white-foliaged sort, suitable for edging.

Stellariana. Deeply cut silvery foliage; much used in carpet bedding.

15 cts. each; \$1.50 per doz.; \$8.00 per 100.



ANTHERICUM LILIASTRUM.



VASE OF HARDY ASTERS.

HARDY ASTERS.

(*Michælmæ*
Daisies,
or Star-worts.)

These are among the showiest of our late-

flowering hardy plants, giving a wealth of bloom at a season when most other hardy flowers are past. The collection offered below is made up of the choicest varieties only, the weedy sorts being eliminated. The tall-growing varieties can be used either in the border or in clumps in the shrubbery, while the dwarf-growing section is indispensable in the rockery. (See cut.)

TALL-GROWING VARIETIES.

Amethystinus. Lovely amethyst-blue flowers; 3 ft.

Datschi. A very late-flowering sort; feathery sprays of white blossoms; 3 ft.

Grandiflorus. The finest of all and distinct in character and flower from all others. The flowers frequently measure 2 inches in diameter, are of a lovely violet-blue. It is the latest-flowering variety in cultivation, and by lifting the plants can be flowered in connection with *Chrysanthemums*, where its effect is very beautiful. 25 cts. each; \$2.50 per doz.

Formosissimus. Deep lilac shaded purple; 3 ft.

Horizontalis. Forms symmetrical plants 2 feet high, covered during September with small rosy lilac flowers.

Lævis. Light blue, flowering early in the season.

Lady Trevelyan. A fine, large, pure white.

Linosyris. A small-leaved variety, growing about 2 ft. high; flowers deep yellow, entirely distinct.

Novæ Angliæ. Large bluish-purple with yellow centre.

Novæ Angliæ Rubra. Bright rose-colored.

Purpurinus. Rich purple; very free.

Robert Parker. Large sprays of beautiful lavender-blue flowers, with yellow centre.

Snowflake. A compact grower, flowering late in October; the pure white flowers, while not large, are produced in such abundance as to completely envelop the plant.

15 cts. each; \$1.50 per doz., except where noted. Set of 13 for \$1.50.

DWARF-GROWING VARIETIES.

Alpinus. Very compact, color bluish-purple, 2 inches or more across; flowers early in spring; an ideal plant for the rockery.

Hybridus Nanus. Grows about 8 inches high, producing its lilac-colored flowers during August and September.

15 cts. each; \$1.50 per doz.

AQUILEGIA (Columbine).

The Columbines are old favorites that succeed in any ordinary garden soil. The varieties offered are a selection of the best kinds. (See cut.)

Chrysantha. The beautiful golden-spurred "Columbine." Flowers golden-yellow; blooms in the early spring; 3 feet.

— **Alba.** A pretty white-flowered form of the above.

Cœrulea. This is the true blue form of Rocky Mountain Columbine, one of the handsomest of the family.

Californica Hybridæ. One of the finest mixtures ever brought together.

15 cts. each; \$1.50 per doz.; the set of 4 varieties for 50 cts.

ARABIS (Rock-Cress).

Alpina. One of the most desirable of the very early spring-flowering plants that is especially adapted for the rock garden, but which succeeds equally well in the border, where it forms a dense carpet which is completely covered early in the season with pure white flowers. (See cut.) 15 cts. each; \$1.50 per doz.

ARMERIA (Thrift).

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff, wiry stems; they flower more or less continuously from early spring until late in the fall. Very effective in the rockery and indispensable in the border.



AQUILEGIA.

Maritima. Bright rosy pink flowers.

— **Alba.** Flowers pure white.

15 cts. each; \$1.50 per doz.

ASCLEPIAS.

(*Butterfly Weed*.)

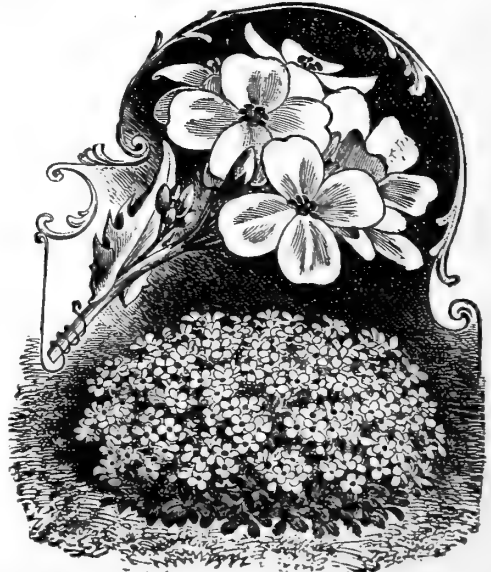
Tuberosa. One of the showiest of our late summer and autumnal flowers, and deserving of extensive cultivation; blossoms in close, compact umbels of a brilliant orange color. 15 cts. each; \$1.50 per doz.

ASTILBE.

Japonica (*Spiræa*). Splendid for outside flowering or forcing; flowers white. 15 cts. each; \$1.25 per doz.

AUBRETIA.

Campbelli (*Purple Rock-Cress*). A pretty, dwarf-growing rock plant, making broad masses of silvery green foliage, which form a charming contrast with its clouds of violet-purple flowers. 15 cts. each; \$1.50 per doz.



ARABIS ALPINA.

BAPTISIA (False Indigo).

Australis. A strong-growing plant, suitable either for the border or wild-garden, with dark green, deeply cut foliage, and spikes of dark blue flowers. 25 cts. each; \$2.50 per doz.

BELLIS PERENNIS (English Daisy).

Snow Crest. A very much improved form of the double English Daisy, having large and finely formed double white flowers. (See cut.) 10 cts. each; \$1.00 per doz.

BOCCONIA.

(Plume Poppy, or Tree Celandine.)

Cordata. A noble, hardy perennial, beautiful in foliage and flower, and admirably adapted for planting in the shrubby borders, centre of beds, and in bold groups in almost any position. It is a much-neglected plant, and when better known will become a favorite; it will grow in any soil or situation; attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color. (See cut.) 15 cts. each; \$1.50 per doz.

BOLTONIA (False Chamomile).

Among the showiest of our native hardy perennial plants, attaining a height of 4 to 5 feet, with large single Aster-like flowers. The plant is in bloom during the summer and autumn months, and with its hundreds of flowers open at one time produces a very showy effect. (See cut.)

Asteroides. Pure white; very effective.

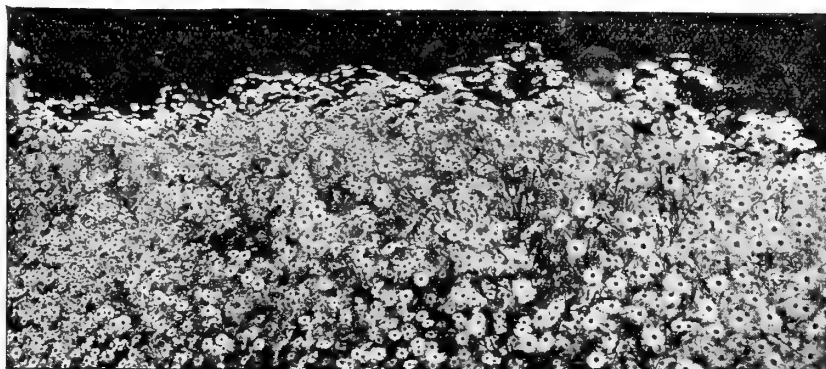
Latisquama. Pink, slightly tinged with lavender. 15 cts. each; \$1.50 per doz.

Callirhoe

(Poppy Mallow).

Involucrata.

An elegant trailing plant, with finely divided foliage and large saucer-shaped flowers, of deep rosy crimson, with white centres, which are produced during the entire summer months; trailing over rocks it gives a graceful and gorgeous effect. 20 cts. each; \$2.00 per doz.



BOLTONIA ASTEROIDES.



BOCCONIA JAPONICA.

Caltha.

(Marsh Marigold.)

Palustris.

Large bright yellow flowers, produced early in spring. 15 cts. each; \$1.50 per doz.

Palustris Fl. Pl.

The double-flowering Marsh Marigold; very pretty. (See cut.) 25 cts. each; \$2.50 per doz.

CASSIA (American Senna).

Marilandica. A plant growing from 3 to 4 feet high, bushy, with large panicles of bright yellow, curiously-shaped flowers in abundant axillary clusters. The beautiful pinnate light-green foliage is very pleasing. A very desirable plant. 20 cts. each; \$2.00 per doz.

CEPHALARIA.

Alpina. A rare tall-growing plant, which, when fully established, attains a height of 6 feet, with delicate sulphur-yellow flowers, not unlike the flowers of Scabiosa. A desirable plant in the shrubbery or for the background of the perennial border.

15 cts. each; \$1.50 per doz.



SNOW CREST DAISY.



CALTHA PALUSTRIS FL. PL.

Several valuable new and rare hardy perennials are offered with other new and rare plants on pages 11 to 16.

..COLLECTIONS..
of
Hardy Plants.

For the convenience of those who are not familiar with hardy perennials we make up collections of the best sorts, and offer same on page 149.

CAMPANULA (Bell-flower).

The Bell-flowers are among the most important of the hardy plants, combining a wide range of habit and color with perfect hardiness.

Alliariaefolia. A pretty variety, with creamy-white flowers, growing about 2 feet high.

Backhousei. An improved form of *C. Persicifolia Alba*, with flowers three times the size of the type; the entire plant is of stronger, more vigorous habit, and frequently 15 to 20 flowers are open on a single stem at one time. 25 cts. each; \$2.50 per doz.

Carpatica (*Carpathian Hare-bell*). A pretty species, growing in compact tufts, not exceeding 8 inches in height, beginning to flower early in June and continuing almost the entire summer; flowers about 1 inch in diameter; we offer two colors, blue and white. (See cut.)

Glomerata Alba (*Clustered Bell-flower*). An erect-growing species, growing about 18 inches high, with dense clusters of white flowers. 25 cts. each; \$2.50 per doz.

Grossekii. One of the prettiest of the Canterbury Bells, of erect habit, with dark blue flowers.

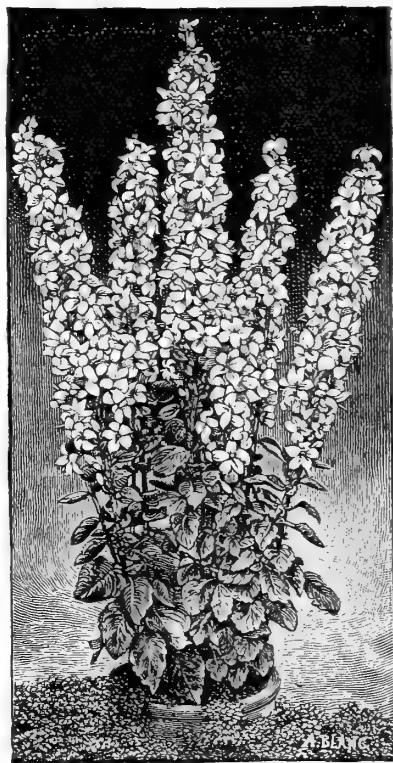
Persicifolia Alba Plena (*Double-White Peach-bells*). There are few plants that can vie with this lovely Campanula. The flowers are pure white, in long close spikes, 2 feet high, very double, resembling a column of Camellia flowers. It is exceedingly free-flowering and grand for cutting, thriving well in almost any soil. 25 cts. each; \$2.50 per doz.

Persicifolia Alba. Identical with the above, but with single white flowers, very pretty and free-flowering.

Punctata (*Steeple-bells*). Large white flowers, spotted with purple. 25 cts. each; \$2.50 per doz.

Pyramidalis (*The Chimney Bell-flower*). The most conspicuous of all Campanulas, and an attractive plant for the herbaceous border forming a perfect pyramid 4 to 5 feet high, crowded with large salver-like blue flowers. (See cut.) 25 cts. each; \$2.50 per doz.

PRICE, except where noted, 15 cts. each; \$1.50 per doz.



CAMPANULA PYRAMIDALIS.



CEANOTHUS GLOIRE DE PLANTIERES.

CEANOTHUS.

Gloire de Plantieres. Very few of the Ceanothus have found their way into general cultivation, owing principally to the fact that most of the varieties heretofore introduced have been very tender. In this new variety is combined almost entire hardiness, a slight protection around the roots, which may be omitted if planted in a sheltered position, being sufficient to carry them over successfully, while the flowers are of large size and of a most desirable shade of lavender-blue. The shrub-like plant grows about 3 feet high; and begins to bear its graceful and airy heads of flowers early in June, continuing through the greater part of

the summer. (See cut.) 30 cts. each; 4 for \$1.00.

CARYOPTERIS.

Mastacanthus (*Blue Spiraea*). A handsome hardy perennial plant recently introduced from China. It is of a vigorous growth, producing flowers in great profusion the whole length of its branches, even young plants in small pots flowering freely. The color is a rich lavender or sky blue. A valuable plant either for bedding or pot culture, blooming continuously from midsummer until cut by frost in the fall. (See cut.) 15 cts. each; \$1.50 per doz.



CAMPANULA CARPATICA.



CARYOPTERIS MASTACANTHUS.



CERASTIUM TOMENTOSUM.

CIMICIFUGA.

(Snake-root.)

Racemosa. A handsome native plant that grows from 4 to 6 feet high, with spikes of pure white flowers often 2 feet long, well suited for planting at the back of the border or for naturalizing at the edge of woods. 25 cts. each; \$2.50 per doz.

CLAYTONIA.

(Spring Beauty.)

Virginica. An early spring-flowering plant, producing clusters of light pink flowers. Succeeds best in a half-shady spot on the rockery. 15 cts. each; \$1.50 per doz.

COREOPSIS.

Lanceolata Grandiflora.

This handsome perennial is now probably the most popular perennial plant in cultivation. It begins to flower early in June and continues in flower until cut down by severe freezing weather; it is continually one mass of golden-yellow. The flowers, which are of graceful form, are invaluable for cutting for decorative purposes; it is easily grown, is perfectly hardy and succeeds in almost any position, and after once planted takes care of itself. (See cut.)



COREOPSIS LANCEOLATA GRANDIFLORA.

A useful plant for covering rough banks or for the border. 20 cts. each; \$2.00 per doz.

CERASTIUM (Mouse-ear Chickweed).

A desirable low-growing class of plants, suitable for the rockery, or for carpeting dry, sunny spots, such as covering graves or steep banks, and can also be used with good effect in carpet bedding.

Boissierii. Glaucous green foliage and showy pure white flowers.
Tomentosum (*Snow in Summer*). Bright silvery foliage, with pure white flower; a fine covering for graves or as an edging. (See cut.)

15 cts. each; \$1.50 per doz.; \$8.00 per 100.

CHELONE.

Stately and handsome perennials, bearing numerous spikes of large flower heads during late summer and fall months.

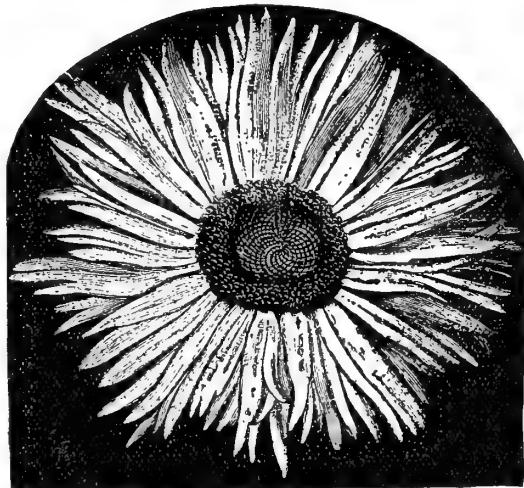
Lyonii (*Shell Flower*). Heads of deep red flowers.
Oblivua Alba (*Twisted Shell Flower*). Clusters of pure white flowers.

25 cts. each; \$2.50 per doz.

CHRYSANTHEMUMS (Marguerites).

These summer-flowering Chrysanthemums, or Marguerites, are becoming general favorites, and deservedly so. They are free-growing perennials, not exceeding 2½ feet in height, forming large bushes which are covered with bloom the entire summer; the flowers are large, pure white and of great substance, lasting a week or more when cut; they continue in bloom all summer and are perfectly hardy.

Maximum Triumph. Flowers 4 inches in diameter with broad heavy overlapping petals.



CHRYSANTHEMUM MAXIMUM FILIFORMIS.

clusters, very effective. 25 cts. each; \$2.50 per doz.

(For Climbing Clematis see page 175.)

—**Filiformis.** With long narrow thread-like petals, a most effective large white flower. (See cut.)

15 cts. each; \$1.50 per doz.

CLEMATIS.

The varieties listed below form erect bushes 2 to 3 feet high, and are admirably adapted for planting in the border.

Davidiana. A most desirable variety, with fresh bright green foliage and tubular bell-shaped flowers of deep lavender blue, deliciously fragrant. (See cut.)

15 cts. each; \$1.50 per doz.

Recta. Another fine variety of shrubby habit, growing about 3 feet high, with handsome pure white flowers in very large showy

clusters, very effective. 25 cts. each; \$2.50 per doz.

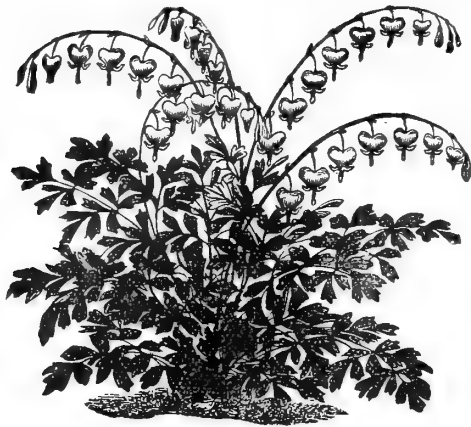
CORONILLA.

(Crown Vetch.)

Varia. A rampant creeper with handsome globular heads of showy bright pink and white pea-shaped flowers. A



CLEMATIS DAVIDIANA.



DIELYTRA SPECTABILIS (Bleeding Heart).

DELPHINIUMS (Hardy Larkspur).

The hardy Larkspurs are one of the most important and most satisfactory plants in the herbaceous garden, and should be planted extensively even in the smallest garden. Their long spikes of flowers are produced continuously from June until late in the fall, if the precaution is taken to remove the flower stems before they can produce seed.

Chinensis. A very pretty and effective variety, growing about 18 inches high, with large open panicles of handsome flowers, varying in color through all the lighter shades of blue to almost white; should be in every collection. 15 cts. each; \$1.50 per doz.

Formosum. Probably the best known and most popular of the Larkspurs, producing long spikes of deep blue flowers with white eye; one of the best. 15 cts. each; \$1.50 per doz.

Sulphureum (Zahl). An attractive species and entirely distinct; of strong branching habit, often reaching the height of 4 feet, forming a pyramidal bush composed of stiff, wiry stems covered with pure sulphur-yellow flowers about an inch in diameter; perfectly hardy. 25 cts. each; \$2.50 per doz.

THREE GRAND HYBRID DELPHINIUMS.

The three varieties here offered are the handsomest of this class of plants that have yet come to our notice, and deserve a position in every garden; they are perfectly hardy and flower continuously during the summer and fall months, producing spikes 15 to 18 inches long.

Belladonna. Cannot be recommended too highly on account of its large, lovely sky-blue flowers, which are heightened in richness by a distinct silvery sheen; remarkably free-flowering; beginning in May it continues a mass of bloom until late in fall.

Frau Emma Metzger. A most beautiful variety, the peculiar coloring of which it is almost impossible to describe; the flowers, which are of large size and double, are of a glossy silvery rose in the centre, which gradually passes to a light sky-blue as it approaches the edges, and white eye; a combination of shadings which must be seen to be fully appreciated. (See cut.)

Wilkie Collins. Rich royal purple shading to blue, double flower, nearly two inches in diameter.

35 cts. each; the set of 3 varieties for \$1.00.

DICTAMNUS.

(Gas Plant.)

A very showy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious flowers, giving off during hot weather a fragrant volatile oil, which ignites when a match is applied to it. (See cut.)

Fraxinella. Showy rosy-pink flowers, with deeper veins.

— **Alba.** Pure white, 15 cts. each; \$1.50 per doz.



DICTAMNUS

Dielytra, or Dicentra.

Spectabilis (Bleeding Heart, or Seal Flower). Adapted for outdoor planting, doing splendidly in semi-shaded positions or for forcing for early spring blooming. It bears long racemes of graceful heart-shaped pink flowers. (See cut.)

Eximia (Plumy Bleeding Heart). Similar in growth, but with flowers a deeper shade than D. Spectabilis and borne in plumes.

15 cts. each; \$1.50 per doz.

DIGITALIS (Foxglove).

A handsome and highly ornamental hardy perennial plant, of stately growth; has been used recently in large quantities in some of the public parks for planting in shrubberies and other half-shady places; 3 feet. (See cut.) 15 cts. each; \$1.50 per doz.

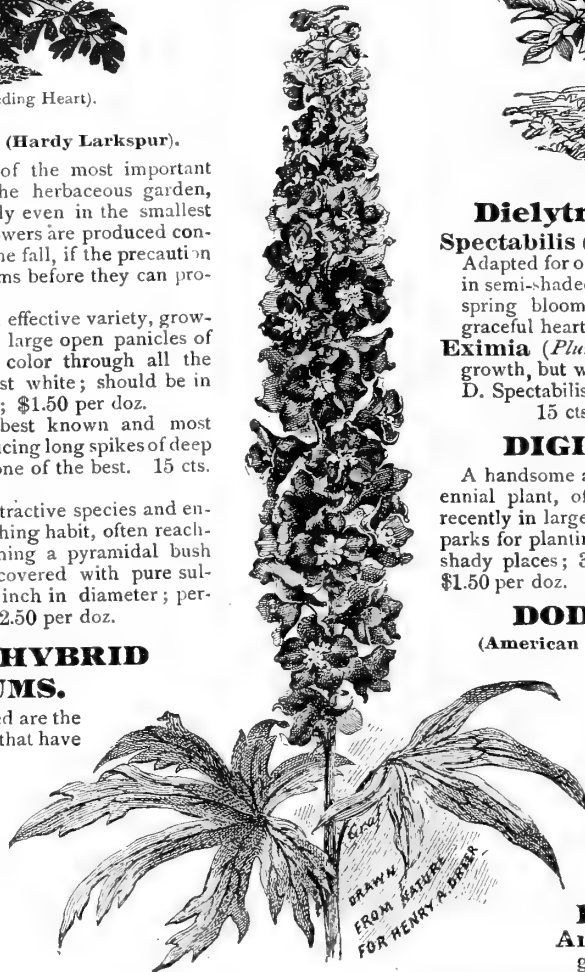
DODECATHEON.

(American Cowslip, or Shooting Star.)

Meadia. One of the choicest of our native perennials, with broad, tufted foliage and tall, upright flower stems, surmounted with showy reddish-purple flowers, with rich orange-yellow eyes. They should be planted in a cool, shaded position, either in the border or rockery. 20 cts. each; \$2.00 per doz.

DRABA (Whitlow Grass).

Androsacea. A pretty dwarf-growing rock plant, of neat, compact habit, producing bright yellow flowers. 15 cts. each; \$1.50 per doz.



DELPHINIUM, FRAU EMMA METZGER.



DIGITALIS (Foxglove).

DORONICUM (Leopard's-bane).

The Doronicums are one of the most effective of our very early spring-flowering perennials, beginning to bloom in April and continuing at intervals throughout the season, or, if placed in pots in fall, they can readily be forced into flower during the winter months in the conservatory or window garden. They succeed under almost all conditions, and are worthy of a place in every garden.

Austriacum. Grows about 18 inches high and produces masses of bright golden yellow flowers about 3 inches in diameter.

Caucasicum. Bright yellow flowers 2 inches across.

Excelsum. Produces large orange yellow flowers 4 inches in diameter. (See cut.)

25 cts. each; \$2.50 per doz.

ECHINACEA (Giant Purple Cone-flower).

Purpurea. One of the good old hardy perennials, introduced more than a century ago, but has been lost sight of for many years. We consider it one of the most interesting plants in our entire collection of hardy perennials. It is of easy culture, succeeding in any soil, forming large, broad, bushy plants, producing from midsummer until late autumn a constant succession of large, showy, reddish-purple flowers, about 4 inches across, with a remarkably large cone-shaped centre of brown, thickly set with golden tips in spiral lines. (See cut.) 15 cts. each; \$1.50 per doz.

EPIMEDIUM.

(Barren-wort.)

A genus of dwarf-growing plants with leathery foliage and panicles of lovely white, yellow and lilac-colored flowers; the foliage of all the varieties offered below assume the most beautiful tints of color in autumn.

Lilacea. Beautiful lilac.

Macranthum. Purple lilac.

Niveum. Pure white.

Sulphureum. Light yellow.

Any of the above 4 varieties 25 cts. each; \$2.50 per doz.



DORONICUM EXCELSUM.



ECHINACEA.

ERIGERON.

(Flea-bane.)

Purpureum. A pretty border plant, growing 12 to 15 inches high; of neat habit, producing small daisy-like rosy-purple flowers, which are disposed in loose erect stems in a graceful manner. 25 cts. each; \$2.50 per doz.

ERYNGIUM.

(Sea Holly.)

Handsome ornamental plants. Effective in flower and shrubby borders, woodlands, wild gardens, etc.; the flower heads are useful to cut for vases or to dry for winter bouquets.

Alpinum (*Alpine Sea Holly*). Large soft lavender-blue flower heads and glistening metallic blue stems and bracts, one of the most handsome and beautiful hardy plants in cultivation. 35 cts. each.

Amethystinum. The finely cut spiny foliage and the beautiful thistle-like heads are of glistening amethystine-blue; a most ornamental plant. (See cut.) 25 cts. each.

Planum. Produces medium-sized light steel-blue flowers. 15 cts. each.

EUPATORIUM.

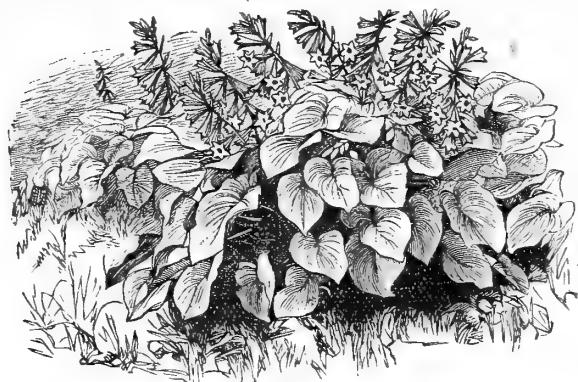
Cœlestinum. A pretty, hardy plant, with light blue flowers similar to the *Ageratum*; begins to flower in July and continues until frost; a most desirable and showy plant, and a color that is always scarce. 15 cts. each; \$1.50 per doz.

FEVERFEW.

Little Gem. The flowers are large, of perfect form and of the purest white; 12 inches high. 15 cts. each; \$1.50 per doz.



ERYNGIUM AMETHYSTINUM.



FUNKIA ALBA.

GAILLARDIA.

Grandiflora. Gaillardias are among the showiest and most effective of hardy perennial plants; beginning to flower in June, they continue one mass of bloom the entire season; they will thrive in almost any position or in any soil but respond freely to liberal feeding; being perfectly hardy they require absolutely no protection, taking care of themselves. The flowers are large, from 2½ to 3½ inches in diameter; they are produced on long stems, and are excellent for cutting, and of the most gorgeous coloring. The centre is dark red brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermilion, and often a combination of all these colors in one flower. (See cut.)

Strong clumps for immediate effect, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Strong young plants, which will flower freely this summer, 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

**GYPSOPHILA (Baby's Breath).**

Paniculata. A beautiful old-fashioned perennial, possessing a grace not found in any other perennial, and attracting the eye of everyone. When in bloom it forms a symmetrical mass 2 to 3 feet in height, and as much through, of minute pure white flowers, forming a beautiful gauze-like appearance. For cutting purposes it is exquisite, especially in combination with high-colored flowers, and some most lovely effects can be produced with it. 15 cts. each; \$1.50 per doz.

Repens. An elegant trailing plant for the rockery, with clouds of small white flowers, which are deeply tinged with pink. 25 cts. each; \$2.50 per doz.

HELIOPSIS.

(Orange Sunflower.)

Similar in general habit to Helianthus, but commencing to flower earlier in the season; of dwarfer habit, rarely exceeding 3 feet in height; very valuable for cutting.

Pitcherianus. A desirable, hardy herbaceous plant, growing from 2 to 3 feet high, and a perpetual bloomer, beginning to flower early in the season and continuing in bloom the entire summer. The flowers are of a beautiful deep golden-yellow color, about 2 inches in diameter, of very thick texture, and are very graceful for cutting. 15 cts. each; \$1.50 per doz.

Scaber. A most desirable variety with large orange-yellow flowers which are produced throughout the summer. 15 cts. each; \$1.50 per doz.

Scaber Major. A decided improvement on *Scaber*; larger, heavier and deeper-colored flowers. (See cut.) 25 cts. each; \$2.50 per doz.

FUNKIA (Plantain Lily).

Coerulea. Blue, broad green leaves.

Alba. Pure white, lily-shaped, fragrant flowers; borne in large clusters. (See cut.)

Variegata. Green and white foliage, with purple flowers.

Thos. Hogg. Broad glaucous foliage, with a pretty white border; distinct and desirable.

15 cts. each; \$1.50 per doz.

GENTIANA.

Andrewsii (Blue Gentian). A pretty native species of the Gentian, flowers of a fine blue, appearing late in the autumn. 20 cts. each; \$2.00 per doz.

GERANIUM (Crane's Bill).

Sanguineum. A desirable plant either for the rockery or border, with pretty cut foliage, forming a compact bush with bright crimson-purple flowers, and continues in bloom from early in the summer until late in the autumn. 25 cts. each; \$2.50 per doz.

GEUM.

Coccineum. A pretty border plant, growing about 2 feet high and producing large, dazzling, intense scarlet flowers during most of the summer and fall months. 20 cts. each; \$2.00 per doz.

GILLENIA.

(Bowman's Root.)

Trifoliata. A strong-growing bush-like perennial; an admirable plant for the border or for use in connection with shrubs, with handsome trifoliolate foliage and numerous white flowers slightly tinged with pink. 25 cts. each; \$2.50 per doz.

GLECHOMA,**OR NEPETA.**

Variegata (Variegated Groundsel, or Ground Ivy). A most useful variegated creeper for growing over banks and stones in the rockery. 10 cts. each; \$1.00 per doz.



HELIOPSIS SCABER MAJOR.

HARDY ORNAMENTAL GRASSES AND BAMBOOS.

GRASSES.

For single specimens, beds or groups on the lawn, nothing gives a finer effect than these; they are now largely used in prominent positions in many of the public parks, etc.

Arundo Donax (*Great Reed*). A magnificent variety, growing to a height of 15 feet, and forming dense clumps. (See cut.) 25 cts. each.

— **Variiegata**. A beautiful variegated form of the above. Foliage creamy white and green; growing 6 to 8 feet high. 25 cts. each.

— **Macrophyllia Glauca**. A remarkably dense and strong-growing variety, attaining a height of 14 to 15 feet, with foliage $3\frac{1}{2}$ to 4 inches wide, and much closer jointed than in the type; the leaves are of a dark glossy green on the upper surface, and of a glaucous color underneath. It forms denser and more majestic looking plants than *A. Donax*. 50 cts. each.

Elymus Glauca (*Blue Lyme Grass*). A handsome densely branched massive plant, with narrow glaucous silvery foliage; well adapted for planting in the border or on the edge of beds containing some of the taller grasses; it grows from $2\frac{1}{2}$ to 3 feet high. 25 cts. each; \$2.50 per doz.

Erianthus Ravenne. Grows from 9 to 12 feet high, frequently throwing up from 30 to 50 flower spikes. It resembles the Pampas Grass, but blooms more abundantly. 25 cts. each; clumps, 50 cts. each.

Eulalia Gracillima Univittata. Of compact habit, with very narrow foliage; of a bright green color, with a silvery mid-rib. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

Eulalia Japonica Variiegata. A very graceful, tall variety from Japan. Its long, narrow leaf-blades are striped green, white and often pink or yellow. It throws up stalks from 4 to 6 feet in height, terminated with a cluster of flower spikes. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

Eulalia Japonica Zebrina (*Zebra Grass*). The long blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

Festuca Glauca. A pretty tufted Grass, with glaucous foliage. 15 cts. each; \$1.50 per doz.



ARUNDO DONAX.

Gynerium Argenteum (*Pampas Grass*). One of the most effective. Its silvery plumes are produced on stems 8 to 10 feet high. Well-established plants can remain in the open ground if protected. 25 cts. to 50 cts. each; extra strong clumps, \$1.00 each.

Phalaris Arundinacea Variiegata (*Variiegated Ribbon Grass, or Gardener's Garters*). Large variegated foliage; an excellent grass for bordering large beds. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Uniola Latifolia (*Spike Grass*). One of the best of our native Grasses, growing from 3 to 4 feet high, with large flat flower heads in graceful drooping panicles. 15 cts. each; \$1.50 per doz.

BAMBUSA, OR BAMBOOS.

These are being used more extensively each season. Whether planted as single specimens or in clumps on the lawn, used in sub-tropical gardening or grouped with ornamental grasses, they are always pleasing; planted on the edges of ponds, in connection with aquatic gardening, they are of special value, giving a graceful effect that can not be obtained with any other class of plants. All the varieties listed are hardy, having withstood the past three severe winters with us without the least protection.

Aurea. A distinct and beautiful species; grows about 12 feet high, with straight yellowish stems very thickly jointed at the base; light green foliage. (See cut.) \$1.00 each.

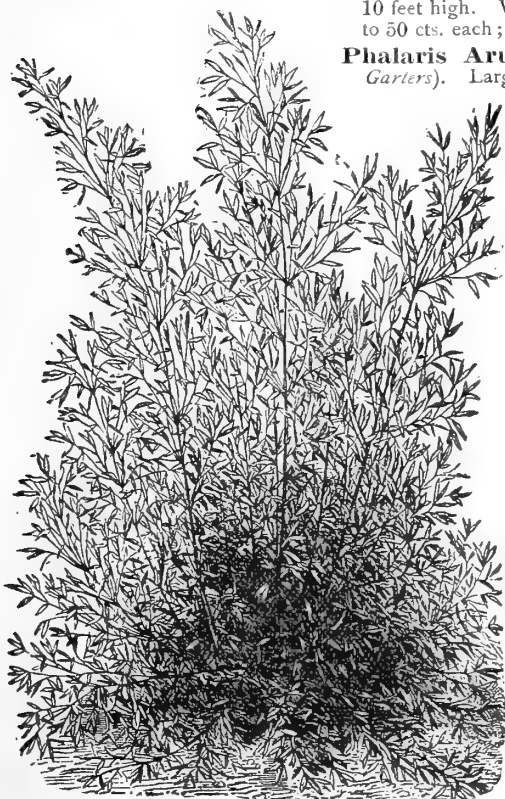
Boryana. Height 6 to 10 feet, leaves 4 to 6 inches long, branchlets many times divided, stems arching, dense foliage; very desirable. \$1.00 each.

Daimio. A distinct dwarf sort; $1\frac{1}{2}$ to 2 feet high, with dark shining green foliage. 75 cts. each.

Metake. A handsome evergreen species; 6 to 10 feet high; large deep green foliage. 50 cts. and \$1.00 each.

Sterilis. A vigorous-growing species; dark green foliage; 6 to 10 feet high. 75 cts. each.

Viride Glaucescens. One of the best hardy Bamboos; very graceful and ornamental; stems yellow, foliage blue-green. \$1.00 each.



BAMBUSA AUREA.

Set of 1 each of 6 Bamboos for \$4.50.



HELIANTHEMUM PUMILUM.

HELIANTHUS.

(Hardy Sunflowers.)

The perennial Sunflowers are among the most effective hardy plants for large borders, for planting among shrubbery, or as clumps on the lawn. They are remarkably free-flowering, will succeed in any soil, and are invaluable for decorative purposes as cut flowers during the summer.

Multiflorus Fl. Pl. (*Double Hardy Sunflower*). One of the most useful perennial plants in cultivation. It is perfectly hardy and produces its large double Dahlia-like golden-yellow flowers in great profusion the entire summer and fall.

Multiflorus Maximus. A gigantic single variety, growing from 6 to 7 feet high, producing immense single golden-yellow flowers from 6 to 8 inches across; one of the finest. (See cut.)

Maximilliana. A most graceful single-flowered variety, growing from 5 to 7 feet high, continuing in bloom very late in the season. The flowers are produced in long, graceful sprays, which make it invaluable for cutting purposes.

Miss Mellish. A late flowering variety, growing about 6 feet high, with large golden-yellow flowers.

Orgyalis. A tall-growing variety that flowers early in the summer with medium-sized single golden-yellow flowers.

Rigidus. One of the most desirable of our native varieties, beginning to bloom early in July and continuing until late fall; flowers single, golden-yellow, with dark centre.

Price, any of the above, 15 cts. each; \$1.50 per doz.; set of 6 varieties for 75 cts.

HEPATICA (Liver-leaf).

Triloba. One of the prettiest of our very early spring-flowering native plants, with white, red or purple flowers and handsome foliage; well suited for shady nooks in the rockery. 15 cts. each; \$1.50 per doz.

HELENIUM (Sneeze-wort).

All of these are desirable border plants, with broad spreading heads of flowers, each species covering a long blooming season.

Autumnale Superbum. Grows from 6 to 7 feet high, with broad heads of deep golden-yellow flowers during the late summer and fall months.

Bolanderii. Flowers deep yellow with dark brown centre; peculiarly winged stems. Height 2 feet.

Grandicephalum Striatum. One of our most desirable perennial plants. It is of strong, robust, erect habit, growing from 3 to 4 feet high, with flowers about 1½ inches in diameter, in large, branching heads, of a deep orange color, irregularly striped and blotched with crimson, but occasionally, during extremely hot weather, coming entirely yellow.

Pumilum. A most useful summer and autumn-flowering perennial, growing about 18 inches high and almost smothered during its flowering season with its golden-yellow blossoms. In England this is a great favorite as a cut flower, and is grown by the acre for the Covent Garden Market. (See cut.)

15 cts. each; \$1.50 per doz.; set of 4 varieties 50 cts.

HERNIARIA.

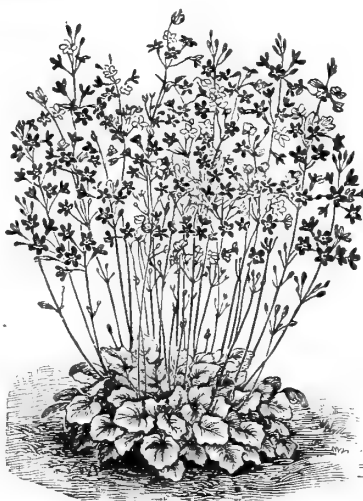
Glabra. A closely tufted moss-like plant, well adapted for the rockery or for carpet bedding; succeeds on the poorest soil; small greenish flowers; foliage turns to deep red in winter. 15 cts. each; \$1.50 per doz.

HEUCHERA (Alum-root).

Sanguinea. A most desirable perennial, of dwarf, compact branching growth and robust constitution, growing about 2 feet high. The flowers are produced in loose, graceful spikes and come in the greatest profusion. In color it varies from light coral-red to crimson, and when seen in full perfection dazzles the eye with its brilliancy. (See cut.)

Alba. A white-flowered form of the above, possessing all the desirable good points of the type.

20 cts. each; \$2.00 per doz.



HEUCHERA SANGUINEA.



HELIANTHUS MULTIFLORUS MAXIMUS.

HEMEROCALLIS (Day Lily).

Aurantiaca Major. A new Japanese variety of vigorous habit and very free-flowering with large sweet-scented trumpet-shaped flowers, which on well-established plants measure 5 inches across, the color is a deep orange, requires a little protection. 50 cts. each.

Dumortieri. A most useful variety, growing about 2 feet high, with clusters of Lily-like flowers of a soft rich yellow, exterior bronzy-orange.

Fulva (Tawny Day Lily). Tawny orange-colored flowers, excellent for planting among shrubbery.

15 cts. each; \$1.50 per doz., except where noted; the set of 5 for \$1.00.

Flava (Yellow Day Lily). A most useful and desirable herbaceous plant, producing its large fragrant yellow flowers during July and August in the greatest profusion; the plants grow about 3 feet high.

Kwanso (Double Orange Lily). A double-flowering form of the Orange Lily, and a most desirable herbaceous plant, that deserves being planted very largely; large orange-colored flowers shaded copper; blooms the greater part of summer.

**DREER'S
Superb Double Hollyhocks.**

Few hardy plants combine as many good qualities as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among shrubbery, they are invaluable. The flowers form perfect rosettes of the most lovely shades of yellow, crimson, rose, pink, orange, white, etc. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during the winter will be beneficial. (See cut.)

We offer extra strong one-year-old clumps that are certain to produce grand spikes of flowers this season in the following colors, viz:

White, Pink, Salmon, Yellow, Maroon, and Bright Red.

20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Mixed Colors: 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

**MAMMOTH DOUBLE-FRINGED HOLLYHOCK
"ALLEGHENY."**

An entirely new departure which has much to commend it. The mammoth flowers are wonderfully formed of loosely arranged fringed petals, which look as if made from the finest China silk, and when cut are hardly recognizable as a hollyhock, having none of the formality of the ordinary type. The color varies from the palest shrimp-pink to deep red. The plants are of majestic growth, sending up spikes 6 to 7 feet high, and are of a strong constitution.

Strong one-year-old-plants, in mixed colors only, 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Old-Fashioned Single Hollyhocks.

Frequent calls for single-flowered Hollyhocks during recent years have induced us to grow a limited stock of these old-time favorites.

Strong one-year-old plants, in mixed colors only, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

HIBISCUS (Mallow).

A desirable border plant with large foliage and large showy flowers of delicate coloring, produced during the entire summer.

Militaris (Halbert-leaved Rose Mallow). A tall-growing species with delicate flesh-pink flowers tinged with deeper color towards the centre.



HIBISCUS CRIMSON EYE.

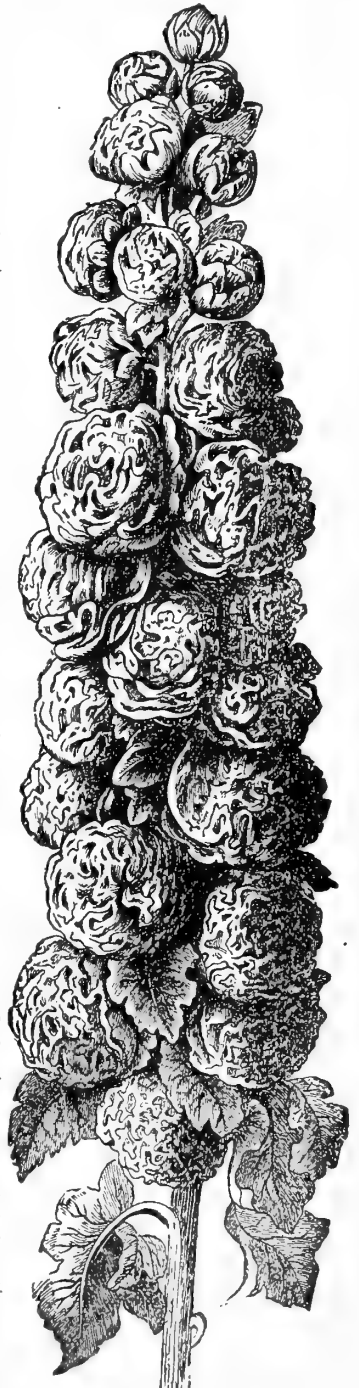
Moschuetos

(Swamp Rose Mallow). Flowers 6 inches in diameter, of a light rosy-red, color with darker eye.

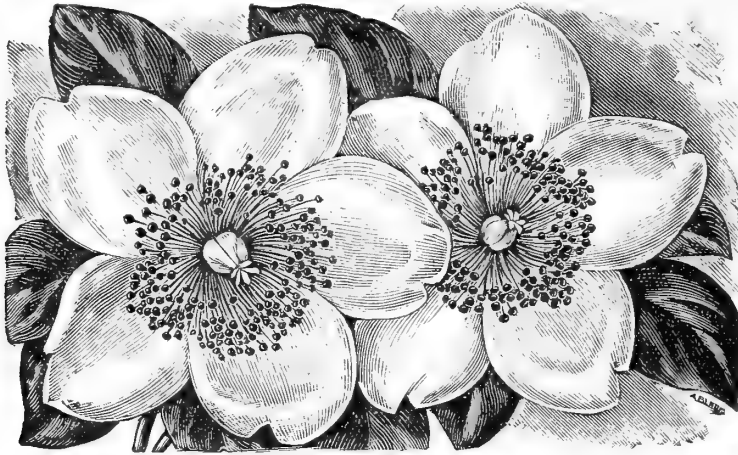
Moschuetos "Crimson Eye."

Flowers of immense size, often measuring twenty inches in circumference. The color is of the purest white, with a large spot of deep velvety crimson in the centre. (See cut.)

15 cts. each; \$1.50 per doz.



SPIKE OF DREER'S SUPERB DOUBLE HOLLYHOCK.



HYPERICUM MOSERIANUM.

INULA.

Ensifolia. A handsome dwarf variety not exceeding 6 inches in height, with showy bright yellow flowers; useful for the rockery.

Glandulosa. Large deep yellow flowers; a useful border plant, growing about 2 feet high.
30 cts. each.

LINARIA (Toad Flax).

Macedonica. One of the good old hardy herbaceous plants that has been lost sight of for some time. It is a robust-growing plant about 2 feet high, bearing in endless profusion spikes of golden-yellow flowers, with an orange lip somewhat resembling a Snapdragon. Perfectly hardy and succeeds in almost any position. 25 cts. each; \$2.50 per doz.

LOBELIAS.

Handsome border plants, thriving in any ordinary garden soil, but preferring a moist deep loam, where they will not suffer from drouth. Few plants are more effective at their season of bloom.

Apolla. A strong growing variety, growing 15 to 18 inches high, with large rich deep purple flowers.

Cardinalis (Cardinal Flower). Rich fiery cardinal flowers; strong plants, often producing 10 to 18 spikes, 12 to 24 inches long.

Queen Victoria. A beautiful form of above, with bronzy foliage and rich dark scarlet flowers.

Syphilitica. Dense spikes of fine deep blue flowers.
15 cts. each; \$1.50 per doz.

LYSIMACHIA.

Clethroides (Loose-strife). A fine hardy variety, growing about 2 feet high, with long, dense, recurved spikes of pure white flowers. 15 cts. each; \$1.50 per doz.

Nummularia (Creeping Jenny or Money-wort). Valuable for planting under trees or shrubs where grass will not grow, where it quickly forms a dense carpet. 10 cts. each; \$1.00 per doz.

LYCHNIS.

Haageana (Shaggy Lychnis). Brilliant orange scarlet flowers, of very large size. 10 cts. each; \$1.00 per doz.

Chalcedonica Fl. Pl. (Jerusalem Cross). A fine perennial, producing immense heads of vermilion scarlet flowers, far exceeding in brilliancy many of the brightest Geraniums. A gem for cutting, and one of the showiest border plants. 35 cts. each.

Semperflorens Plenissima. This pretty variety begins to flower early in the spring, and continues throughout the entire summer. The flower is of a beautiful, tender rose color, and is produced in long bushy spikes. 15 cts. each; \$1.50 per doz.

Vespertina, Double White. Large, double white flowers, which are produced in the greatest profusion during the entire summer; taking the place of the Carnation at a season when double white flowers are scarce. 20 cts. each; \$2.00 per doz.

Splendens, Double Red (Ragged Robin). Forms a dense tuft of evergreen foliage, and in June it sends up tall spikes of handsome double, deep-red flowers of a most exquisite fragrance, and remains in perfection from a month to six weeks. (See cut.) 15 cts. each; \$1.50 per doz.

LYTHRUM.

Roseum Superbum (Purple Loose-strife). A strong-growing, shrub-like plant, thriving in almost any position, producing large spikes of rose-colored flowers. 15 cts. each; \$1.50 per doz.

HYPERICUM (St. John's-wort).

Moserianum. One of the very best herbaceous plants of recent introduction. The habit of the plant is free and graceful; it produces long, slender, much-branched stems, leafy to the base and all drooping toward the ends, apparently from the weight of the flowers and buds, although the flowers face, so that none of their beauty is lost. It is marvelously free-flowering, of large size, measuring from 2 to 2½ inches in diameter; in color a rich golden-yellow, which is rendered still more effective by the numerous yellow stamens and crimson anthers, and blooms continuously the entire season. (See cut.) Strong plants 15 cts. each; \$1.50 per doz.

Tricolor. A similar variety to the above as far as the flowers are concerned, but with handsome variegated foliage. 25 cts. each; \$2.50 per doz.

HOUSTONIA (Bluets).

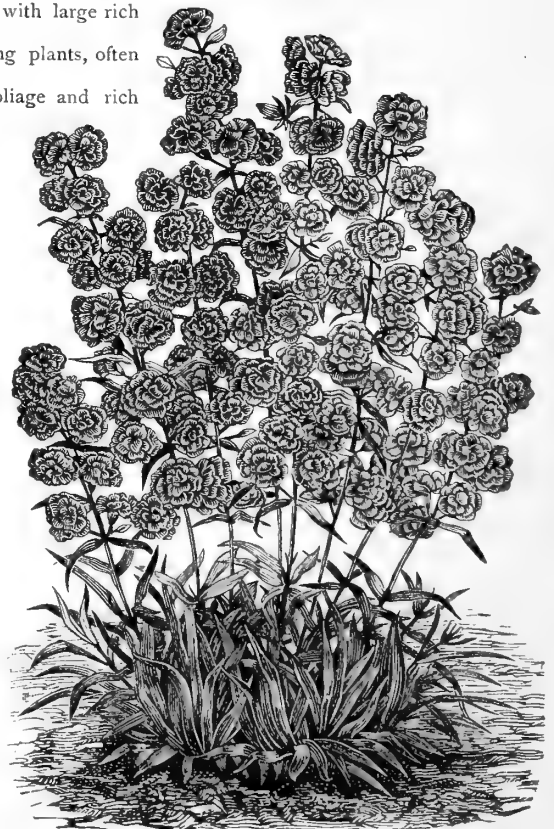
Cœrulea. Low creepers, best adapted to grow on a rockery in moist situation, where they form broad carpets of foliage, which in very early spring are hidden beneath a cloud of small but showy light-blue flowers. One of the earliest spring flowers. 15 cts. each; \$1.50 per doz.

IBERIS (Candytuft).

A most desirable dwarf plant with evergreen foliage, which is completely hidden with dense heads of flowers early in the spring.

Gibraltarica. A pretty hardy Candytuft, with large white flowers blooming very early in the spring; useful for cutting. Requires a light covering of litter or leaves in winter.

Little Gem. A dwarf, close-growing compact plant, very free-flowering, becoming perfectly covered with its pure white blossoms; is very hardy and evergreen. Well adapted for the rockery, border and bedding out. Also for pot culture.
15 cts. each; \$1.50 per doz.



LYCHNIS SPLENDENS DOUBLE RED.



JAPANESE IRIS.

JAPANESE IRIS (*Iris Kämpferii*).

These magnificent Iris are among the most beautiful of our summer-flowering plants, and are destined to become more popular every season. They commence blooming about the middle of June and continue in bloom for five or six weeks.

Many of these flowers measure from 10 to 12 inches in diameter, and rival the Orchids in their rich colorings and markings. The collection of 24 varieties here offered were selected, while in flower, from over 75 of the best Japanese introductions. While the Iris succeeds in almost any soil, and under any conditions, they delight in a rich, deep, wet position, and should be abundantly supplied with manure and water.

Gekka-no-nami (*Waves on Moonlight*). Comes into bloom fully a week earlier than any other sort; three very large silvery-white petals, with golden-rayed centre.

Gei-sho-i. Ground color white, showing through the reddish-purple marbling and deep purple veins; golden-yellow star-like centre, surrounded by a deep purple halo, standards deep purple.

Iso-no-nami. Ground color of the three larger petals silvery-white, delicately veined and traced with violet, with golden-rayed centre, the three minor petals deep purple, edged with white, while the standards are violet, edged with white.

Kagaribi. Ground color white, beautifully traced and marbled with ultramarine blue; six large petals, golden-yellow star-like centre.

Kakujakura. Three very large, broad petals of silvery-white, closely but delicately marbled with violet; centre marked with yellow.

Kumoma-no-sora (*Sky Amidst the Cloud*). The flower consists of three large, broad petals, ground color pure silvery-white, suffused in the most delicate manner with soft light-sky blue; yellow-rayed centre.

Kyodaisan. Three large light-blue petals, lightly veined with deep lilac; golden-yellow centre.

Kosui-no-iro. Six large petals, ground color violet, veined with white; yellow-rayed star-shaped centre.

Mana-dsuru (*Crane*). A late-flowering white, with six large petals and golden-rayed centre.

Meiran. The three large petals are white, densely marbled and veined lilac, becoming light as they approach the yellow-rayed centre.

Oniga-shima. Six rich dark purple petals, with a pure yellow bar in the centre of each, forming a 6-pointed golden-yellow star.

Oshokun. Six petals, violet, shading to deep purple on the edges, with golden-yellow bar in the centre of each petal.

Oyodo. Three large petals of a rich violet-purple, shading deeper to the base, pure yellow bar in each petal.

Samidare. Six large petals, fluted on the edges, giving the flower a double appearance; the ground color is gray, which shows but faintly through the rich violet of the petals, which are veined with rich ultramarine blue, radiating from the golden-yellow centre.

Sano-watashi. Fine silvery-white with six large, broad petals.

Shiga-no-ura-nami. The six large petals are of a rich violet purple, veined with white and starry golden centre.

Shimoyo-no-tsuki. Six petals, pure white with wavy edges.

Shirataki. White suffused with violet; six petals.

Shuchiukwa. Three large petals of rich magenta lilac, freely veined and marbled with white; the golden centre is surrounded by a large white halo.

Shishi-ikari. Three grayish-white petals, veined throughout with purple, golden-yellow centre.

Taiheiraku. Three large broad petals of soft, delicate, light lilac, deeply veined with violet.

Tsurugi-no-mai. Six rich deep purple petals, shading deeper to the centre, with golden-yellow bar in each petal.

Yedo-kagami. Three petals, magenta lilac lightly veined white, yellow centre.

Yomo-no-umi (*Boundless Sea*). Finest white, with six large petals, golden-starry centre; very choice.

Price: 25 cts. each; \$2.50 per doz.; \$15.00 per 100; the set of 24 varieties for \$4.00.

Extra Choice Mixed Varieties, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

GERMAN IRIS (*Iris Germanica*).

The German Iris are one of the most desirable early spring-flowering plants. Their flowers are of large size and of exquisite colors. While they delight in low, wet ground, they succeed equally well in the border, and no garden is complete without a collection.

Comte de St. Clair. White, shaded violet.

Candicans. Fine light blue.

Honorabilis. Orange, lower petals brown.

Mme. Chereau. Pearly-white, edged with lavender-blue.

Pajole. Purplish-lilac, lower petals dark.

Penelope. White, veined reddish-violet.

Spectabilis. White, penciled blue.

Queen of the Gypsies. Lavender and bronze, feathered rich plum, white and buff.

Souvenir. Yellow, veined maroon.

Virgile. Bronzy-red, lower petals lilac.

Velveteen. Light yellow, lower petals velvety purple-black.

Walneri. Lilac, lower petals dark blue.

Price: 15 cts. each; \$1.50 per doz.; \$10.00 per 100; set of 12 varieties for \$1.50.

Mixed Varieties, 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Iris Orientalis. Fine ornamental foliage and rich violet-blue flowers. 25 cts. each; \$2.50 per doz.

Iris Pseudo Acorus. Golden-yellow flowers; entirely distinct. 15 cts. each; \$1.50 per doz.

MENTHA (Peppermint).

Piperita Variegata. A pretty variegated form of Peppermint; bright green foliage, bordered with white. 10 cts. each; \$1.00 per doz.

MERTENSIA (Blue Bells).

Virginica. An early spring-flowering plant with drooping panicles of handsome light blue flowers fading to clear pink; one of the most interesting of our native spring flowers. 15 cts. each; \$1.50 per doz.

MONARDA (Horse Mint).

Didyma (*Oswego Tea*). Flowers bright scarlet, produced in spikes.

Didyma Rosea (*Bee Balm*). A pretty rose-colored form of the above.

Pistulosa Alba (*Bergamot*). A showy white-flowered variety.

15 cts. each; \$1.50 per doz.

PÆONIA TENUIFOLIA.

Interesting and handsome, not only on account of their rich crimson flowers, which resemble in color the Gen. Jacqueminot Rose, but the fine feathery foliage makes them a handsome ornamental plant, even if they never produced a flower. Always scarce and much sought after. (See cut.)

Double-flowering, 30 cts. each; \$3.00 per doz.

Single-flowering, 25 cts. each; \$2.50 per doz.

One of each variety for 50 cts.

GENOTHERA (Evening Primrose).

The varieties listed are the handsomest of this showy genus; fine border plants.

Cæspitosa. Pure white, changing to bright rose; flowers very large.

Fraseri. Bright yellow flowers, of good size, produced all summer.

Glabra. Large, yellow flowers, 3 inches across.

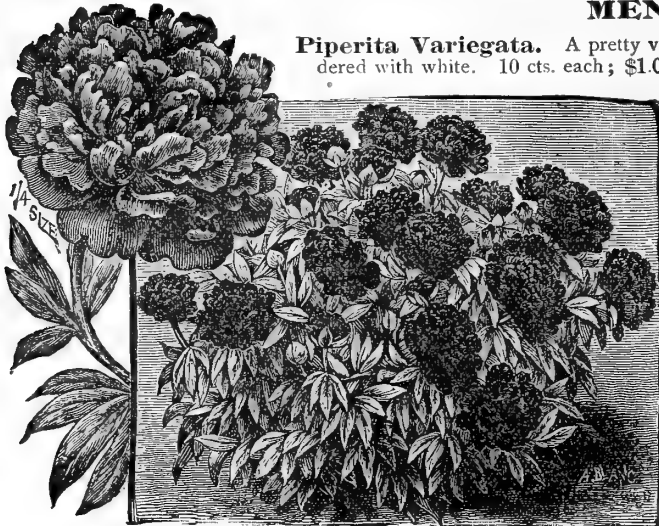
Missouriensis. Large bright yellow.

Speciosa. A rare, pure white variety, with flowers 3 inches across.

15 cts. each; \$1.50 per doz.

OREOCOME.

Candollei. A beautiful decorative hardy perennial, with graceful fern-like leaves 24 to 30 inches long, resembling the fronds of the Mexican tree-fern *Cibotium Schiedeii*. The flower stems should be removed as fast as they appear, which develops the foliage to its full beauty. 25 cts. each.



DOUBLE HERBACEOUS PÆONY.

MYOSOTIS (Forget-me-not).

Palustris Semperflorens. A variety that is hardly ever out of flower, useful on the rockery or in a shady spot in the border. 10 cts. each; \$1.00 per doz.

PÆONIES, DOUBLE HERBACEOUS.

The Herbaceous Pæonies are exceedingly hardy, and will succeed in any ordinary garden soil, well enriched with good manure. During the summer months mulching will be beneficial to the roots, especially on dry soils. (See cut.) We offer a splendid assortment in twelve varieties, viz.:

Chrysanthemiflora. White with yellow centre.

Delachii. Amaranth red.

Duchess of Orleans. Silvery-rose.

Edulis Superba. Fine satiny rose.

Festiva Alba. Pure white.

Gen. Cavaignac. Rose, salmon centre.

Louis Van Houtte. Purplish-crimson.

Mme. Chaumay. Satiny rose.

Mme. Leonie Calot. Soft pink.

Rubens. Deep rose.

Tricolor Grandiflora. Rose shaded salmon.

Walneriana. Flesh with sulphur centre.

Price, 25 cts. each; set of 12 varieties, \$2.50.

SELECT TREE PÆONIES.

Adelheit. White shaded pink.

Athlete. Dark rose.

Comtesse de Tudor. Delicate blush white.

Emilia. Flesh color.

Elisabeth. Brilliant rosy red.

Louise Mouchelet. Salmon rose.

Hendersoni. Pink.

Mouton. White, purple centre.

Mme. Stuart Lowe. Salmon pink.

Papaveracea. Lilac, blotched purple.

Regina Belgica. Bright rose.

William Tell. White.

\$1.00 each; \$10.00 per doz.

PAPAVER (Poppy).

Oriental (Oriental Poppy). Nothing can equal these in gorgeous effect, and, whether planted singly or in masses, their large flowers, rich brilliant colors and freedom of bloom render them conspicuous in any position. (See cut.) We offer them in mixed colors. Strong plants 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Nudicaule (Iceland Poppy). These range in color from the purest white and yellow to the deepest orange-scarlet. The plants form tufts of fern-like foliage, from amongst which the slender flower stalks rise to about a foot in height, and bear elegant cup-shaped flowers. The profusion of blooms which they produce is really astonishing, often a hundred flower stems on a single plant, and they are produced in never-ceasing succession from the beginning of June to October. Mixed colors. 15 cts. each; \$1.50 per doz.



PÆONIA TENUIFOLIA.



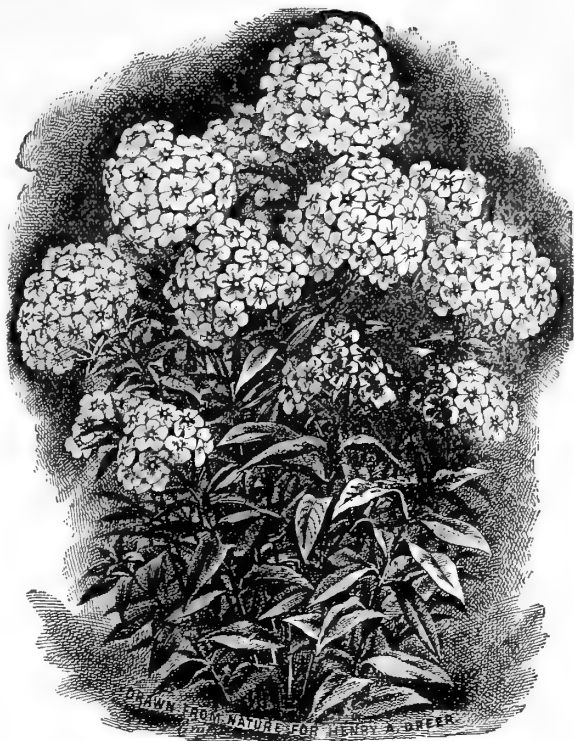
ORIENTAL POPPY.

HARDY PERENNIAL PHLOXES.

The Perennial Phloxes are among the most useful and desirable of our hardy herbaceous plants, and should be planted largely. They succeed in any position, and can be used to advantage either as single specimens in the mixed border, or as large clumps or beds in the garden or lawn. (See cut.) Our collection embraces the best new and old varieties.

- Bacchante.** Dark crimson-rose; large and free.
- B. Comte.** Rich satiny amaranth.
- Coquelicot.** Large, bright orange scarlet, centre purple.
- Cross of Honor.** Rose, edged white, in form of cross.
- Duguesclin.** White with large violet-rose centre.
- E. Levasseur.** Fine dwarf white; extra early.
- E. Schmidt.** Pure white, carmine centre and white eye.
- Etoile du Nord.** A fine self-colored violet-purple.
- H. O. Wigers.** Purest white with rich crimson eye.
- Isabella Dupuy.** White, tinted rose, red centre.
- Japonais.** Carmine overlaid salmon, crimson eye and white halo.
- Jourdan.** Bright magenta-crimson, with white halo.
- Madagascar.** Carmine pink, crimson eye and white halo.
- Marquise de St. Paul.** Carmine, dark eye and white halo.
- Moliere.** Salmon-pink with white eye.
- Nettie Stewart.** A fine large pure white, with just the faintest tinge of rose near base of petals.
- Obergartner Wittig.** Deep rose, with white halo and carmine eye.
- Oriental.** Carmine-pink, with deeper centre.
- Ornament.** Salmon-rose, with dark centre.
- Robert Werner.** Soft tender rose, with carmine centre; very large and distinct from all others.
- Simplon.** Carmine centre shading to white at edges.
- The Pearl.** The best late pure white.
- Tivoli.** Rich purplish crimson; a fine self-color; dwarf.
- Torpilleur.** Rich bright magenta.
- William Robinson.** Rosy-salmon, with large dark centre.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.
The set of 25 varieties, one of each, for \$2.50.



HARDY PERENNIAL PHLOX.

PHLOX.

Divaricata Canadensis. One of our native varieties that is but rarely met with, and which has been introduced in Europe the past few years as a novelty. A plant that is certain to meet with much favor when better known, as nothing can produce such a cheerful corner in the garden in the very early spring; frequently beginning to bloom early in April, it continues until about the middle of June, with large bright lilac-colored flowers, which are produced on stems about 10 inches high, in large showy heads, and are very fragrant. (See cut.) 15 cts. each; \$1.25 per doz.



PHLOX SUBULATA.

duced on stems about 10 inches high, in large showy heads, and are very fragrant. (See cut.) 15 cts. each; \$1.25 per doz.

Subulata (Moss Pink). A pretty creeping type with moss-like evergreen foliage, which in early spring is hidden beneath a mass of bloom; one of the very best plants in our collection for the rockery, and invaluable for covering graves or carpeting the ground. (See cut.)

Subulata Alba. Pure white.

- **Atropurpurea.** Purplish rose-colored flowers.
- **Lilacina.** Light lilac.
- **Nelsoni.** Pure white.
- **Rosea.** Bright rose.
- **The Bride.** Pure white, with rosy eye.

10 cts. each; \$1.00 per doz.; set of 6 for 50 cts.

Amœna. A dwarf-growing species, attaining a height of only 6 inches, completely covered with bright pink star-like flowers during April and May. 10 cts. each; \$1.00 per doz.

POTENTILLA (Cinqufoil).

Formosa. A very interesting hardy plant, growing about 2 feet high, and producing an abundance of bright cherry-red flowers. 15 cts. each; \$1.50 per doz.



PHLOX DIVARICATA CANADENSIS.

PARDANTHUS.

Sinensis (*Blackberry Lily*). Lily-like flowers of a bright orange color, spotted with red, succeeded by seeds that resemble blackberries. 10 cts. each; \$1.00 per doz.

PENTSTEMON (*Beard-tongue*).

Most useful hardy perennials, either for the border or rockery, beginning to flower early in June and continuing until late in the autumn.

Barbatus Torreyi. Spikes of brilliant scarlet flowers; height 3 to 4 feet; very effective.

Cœrulea. A dwarf variety. Especially suited for the rockery, with sky-blue flowers.

Gentianoides. These are among the most beautiful of our summer-flowering perennials. Graceful in growth, while the elegant beauty of their pyramidal spikes of large Gloxinia-like flowers elicits the admiration of all. We offer choice mixed seedlings ranging in color from bluish white to the deepest crimson. They should have the protection of a cold frame in winter.

15 cts. each; \$1.50 per doz.

PHYSOSTEGIA (*False Dragon Head*).

One of the most beautiful of our midsummer-flowering perennials, forming dense bushes 3 to 4 feet high, bearing spikes of delicate tubular flowers not unlike a gigantic heather. (See cut.)

Virginica. Bright but soft pink. — **Alba**. Pure white; very fine.

15 cts. each; \$1.50 per doz.

HARDY GARDEN PINKS.

Dwarf, hardy pinks, bearing double flowers of rich colors and possessed of the true clove scent.

Her Majesty. The flowers of this fine variety are of a large size and of the purest white; very fragrant and borne profusely on stout, erect stems, 12 inches long; may be grown in cold frames for early flowering.

Juliette. White, laced crimson.

Laura Wilmer. White, purplish-maroon centre.

Snow (*Mrs. Sinkins*). Large, pure white; very fragrant.

Souvenir de Salle. Soft rosy pink.

Stanislaus. Violet rose, deep crimson centre.

15 cts. each; the set of 6 for 75 cts.

PLATYCODON.

(*Balloon Flower, or Japanese Bell-flower*).

Japonicus Fl. Pl. (*Double Japanese Bell-flower*). A double form of *Grandiflorum*, with large, glossy, deep blue flowers, which average 2½ inches across. There are two rows of petals in the flower, which alternate with each other, giving the flower the appearance of a ten-pointed star. (See cut.)

Grandiflorum. In constant flower from early spring to late fall. Covered with a mass of blue and white bell-shaped flowers.

Mariesi. A valuable dwarf variety, bearing deep blue, bell-shaped flowers, nearly 3 inches across.

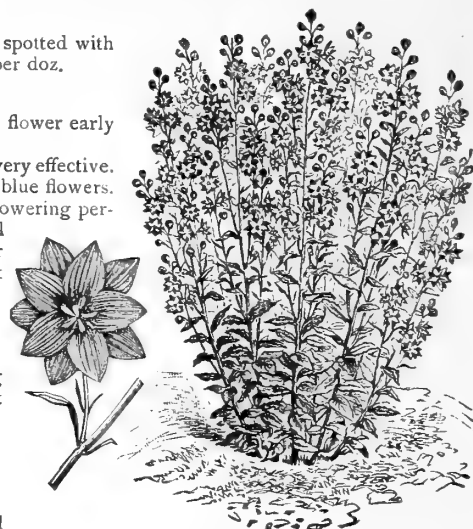
15 cts. each; \$1.50 per doz.

PLUMBAGO (*Lead-wort*).

Larpenæ. Of dwarf, spreading habit, growing 4 to 6 inches high; useful as an edging plant or for the rockery; covered with beautiful deep blue flowers during the summer and fall months. 15 cts. each; \$1.50 per doz.; \$8.00 per 100.



PRIMULA CORTUSOIDES



PLATYCODON JAPONICUS FL. PL.

POLEMONIUM (*Jacob's Ladder*).

Useful border plants, with deep green finely cut foliage and spikes of showy flowers.

Cœruleum. Showy tufted foliage and terminal spikes of deep blue flowers.

Himalaicum Album. Fern-like foliage and spikes of pretty white flowers 1½ inches across.

Richardsonii. A beautiful late-flowering variety; sky-blue flowers, with golden anthers.

25 cts. each; \$2.50 per doz.

PRIMULA (*Primrose*).

Vulgaris (*English Primrose*). An old favorite, and a plant that should be found in every garden; one of the earliest spring flowers to open; of a bright canary yellow and very fragrant. 15 cts. each; \$1.25 per doz.

Veris (*English Cowslip*). The plants we offer have been grown from a specially select strain of seed, and embrace a fine range of colors. We offer them in mixed colors only. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Cortusoides Sieboldii (*Japanese Primrose*). These are not so well known as they deserve; they

are of free, vigorous growth, with dark green foliage, and throw up during late spring innumerable stems of large flowers varying in color from pure white to rich crimson. We offer the following three fine varieties as well as mixed sorts, viz.:

— **Loreley**. Beautiful salmon rose, with white eye.

— **Queen of Whites**. Fine large pure white.

— **Sirius**. Rich crimson rose, with white eye.

15 cts. each; \$1.50 per doz.

— **Choice Mixed Seedlings**. 10 cts. each; \$1.00 per doz.

PYRETHRUM.

Hybridum Fl. Pl. Too much cannot be said in favor of this grand hardy perennial. No class of plants gives a wider range of colors, while the form and substance of the flowers is all that could be wished; their main season of blooming is in June, but if the old flower stems are removed they will give a fair sprinkling of flowers in the autumn. The bloom is similar to that of an aster, and ranges in color from pure white and yellow and the various shades of pink and red to deep purple. The plants we offer are seedlings grown from an extra select strain. 15 cts. each; \$1.50 per doz.

Uliginosum (*Giant Daisy*). A grand fall blooming plant, growing 5 feet high, and covered with large white flowers, with yellow centres; need a moist, rich soil. 15 cts. each; \$1.50 per doz.



RUDBECKIA "GOLDEN GLOW."

SEMPERVIVUM.

(House Leek.)

Peculiarly interesting plants for the rockery or for any exposed, well-drained position.

- Anomalum, Heuffeli,
- Acuminatum, Leucanthum,
- Californica, Ruthenicum,
- Funkii, Triste.

15 cts. each; \$1.50 per doz.

SPERGULA.

(Lawn Pearl-wort, or Lawn Spurry.)

Pilifera. A fine grass-like plant; excellent for carpeting, forming a dense bright green carpet. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

SPIRÆA (Goat's-beard, Meadow Sweet).

Aranus. A noble variety, growing from 3 to 5 feet high, producing in summer long feathery panicles, like gigantic plumes, of innumerable white flowers.

Filipendula Fl. Pl. (Double-flowered Drop-wort). Numerous corymbs of double white flowers and pretty fern-like foliage. (See cut.)

Palmata (Crimson Meadow Sweet). One of the most beautiful hardy plants in cultivation. The deep purple red of the stems and branches, passing into the crimson purple of the broad corymbs of flower, contrasts most exquisitely with the foliage.

Venusta. A showy red-flowering species; very fragrant; growing 4 to 5 feet.

Ulmaria (Meadow Sweet). White, fragrant flowers. 20 cts. each; \$2.00 per doz.

STATICE.

Latifolia (Great Sea Lavender). This is recognized as a valuable hardy plant by all who have seen it. Forms large heads 2 to 3 feet across, composed of myriads of small dark-blue flowers, which if cut and dried will last for months. 25 cts. each; \$2.50 per doz.

STOKESIA.

Cyanea. One of the prettiest late-flowering perennials, producing quantities of showy deep blue flowers from early in autumn till hard frost. 25 cts. each.



SEDUM SPECTABILIS.

SEDUM (Stone-crop).

The dwarf or creeping varieties are suitable for rock-work, covering graves, dry, sunny banks and carpet bedding, while the taller species make fine subjects for the mixed border.

Acre (Golden Moss). Creeping, foliage and flowers bright yellow. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Album. Creeping, bright green foliage; flowers white.

Maximum Atropurpureum. Forms an erect bush, 15 inches high, with dark bronzy purplish foliage and dull reddish flowers.

Pulchellum (Bird's-foot Stone-crop). Creeping, with small foliage, which assumes various tints of red, brown and purple; flowers rosy-purple.

Sexangulare. Creeping, dark green foliage and bright yellow flowers.

Spectabilis (Brilliant Stone-crop). One of the prettiest erect-growing species, attaining a height of 18 inches, with broad, oval, light green foliage and immense, showy heads of handsome rose-colored flowers; indispensable as a late fall-blooming plant. (See cut.) 25 cts. each; \$2.50 per doz. Any of the above 15 cts. each; \$1.50 per doz., except where noted.

Symphytum.

Asperium Aureo Variegatum (Variegated Comfrey).

A pretty golden variegated-foliaged border plant. In spring the leaves form rosettes close to the ground. Later in the season the stems and leaves rise and form a larger plant with numerous drooping bell flowers over all. 30 cts. each; \$3.00 per doz.



SPIRÆA FILIPENDULA FL. PL.

TRITOMA (Flame Flower, or Torch Lily).

Splendid summer and fall-flowering plants, with stately flower scapes and magnificent dense terminal spikes of high colored flowers, familiarly known on account of their shape and glowing colors as the "Red-hot Poker" plant.

Pfitzerii. A grand improvement on *Tritoma Uvaria Grandiflora*. The flower spikes, which are produced with considerable more freedom than in the old variety, are of gigantic size, frequently $4\frac{1}{2}$ feet high, with heads of bloom over 12 inches long, of a rich orange-scarlet, shading to salmon-rose on the edge; a first-class acquisition. (See cut.) 25 cts. each; \$2.50 per doz.

Uvaria Grandiflora. Orange-red flowers. 15 cts. each; \$1.50 per doz.

VERONICA (Speedwell).

Most desirable hardy plants, the tall-growing sorts being admirably adapted to the border, while the dwarf varieties are excellent rock plants.

Longifolia Subsessilis. A pretty species with blue flowers, produced in spikes a foot long, continuing in bloom the entire summer and fall; one of the most desirable. (See cut.) 25 cts. each; \$2.50 per doz.

Incana. Bright silvery foliage with spikes of amethyst-blue flowers. 25 cts. each; \$2.50 per doz.

Spicata. An elegant border plant, growing about 3 feet high, producing long spikes of bright blue flowers, the spikes lengthening with age; last for weeks. 15 cts. each; \$1.50 per doz.

— **Alba.** A white-flowered form of the above. 15 cts. each; \$1.50 per doz.

Rupestris. A fine rock plant, growing 3 or 4 inches high, thickly matted deep green foliage, completely hidden in spring under a cloud of bright blue flowers. 15 cts. each; \$1.50 per doz.

VINCA (Periwinkle).

Minor. An excellent dwarf evergreen trailing plant, that is used extensively for carpeting the ground under shrubs and trees, or on graves where it is too shady for other plants to thrive. 15 cts. each; \$1.50 per doz.; \$8.00 per 100.

HARDY VIOLETS.

The varieties listed below, while not suited for forcing, are perfectly hardy, and are covered with flowers in early spring.

Pedata (*Bird's-foot Violet*). A native variety with finely cut foliage and showy blue flowers. 10 cts. each; \$1.00 per doz.

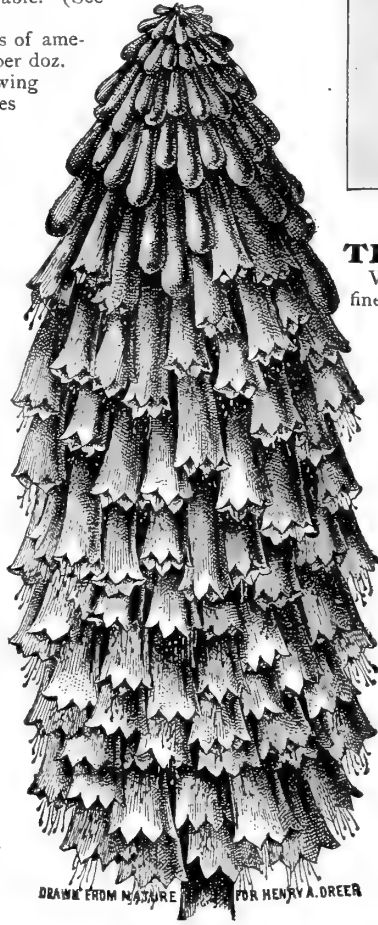
— **Bicolor** An elegant variety of the preceding, with the upper petals a rich royal purple, lower petals almost white. 15 cts. each; \$1.50 per doz.

Double Russian. Fine large double deep purple flowers of exquisite fragrance. (See cut.) 10 cts. each; \$1.00 per doz.

Hardy Yellow. A variety whose identity we have been unable to establish. Flowers small, of a pleasing shade of chamois-yellow, produced with such freedom as to completely hide the foliage. 15 cts. each; \$1.50 per doz.



DOUBLE RUSSIAN VIOLET.



TRITOMA PFITZERII.



VERONICA SUBSESSILIS.

THALICTRUM (Meadow Rue).

Very graceful, pretty-flowered plants with finely cut foliage, blooming during May and June.

Aquilegifolium. Showy, cream-colored.

— **Atropurpureum.** Feathery heads of purple flowers.

25 cts. each; \$2.50 per doz.

THERMOPSIS.

Caroliniana. A showy tall-growing plant, producing long spikes of yellow flowers in June and July. 15 cts. each; \$1.50 per doz.

THYMUS (Thyme).

Montanus Albus (*White Mountain Thyme*). A pretty subject for the rocky, forming dense mats of dark green foliage and clouds of white flowers.

Vulgaris Coccinea (*Scarlet Thyme*). Dark green foliage and clouds of bright red flowers.

Serpillum Aureum (*Golden Thyme*). A pretty golden variegated variety which is evergreen and showy at all seasons.

15 cts. each; \$1.50 per doz.

TRADESCANTEA

(*Spider-wort*).

Virginica. Produces a constant succession of bright purple flowers from early summer till hard frost. 15c. each; \$1.50 per doz.

TRICYRTIS (Japanese Toad Lily).

Hirta Nigra. A late fall-flowering plant with peculiar white flowers, spotted with brown. 25 cts. each; \$2.50 doz.

TROLLIUS (Globe Flower).

Europæus. Produces bright yellow globular flowers from early spring until late in fall. 25 cts. each; \$2.50 per doz.

TRILLIUM (Wood Lily, or Wake Robin).

Grandiflorum. An excellent plant for a shady position in the hardy border or in a sub-aquatic position, bearing large white flowers in early spring; one of the most admired of our native plants. 15 cts. each; \$1.50 per doz.

YUCCA (Adam's Needle).

Filamentosa. Among hardy ornamental foliage and flowering plants this can be classed at the head of the list. Its broad sword-like foliage and tall branched spikes of large, fragrant, drooping, creamy-white flowers make it an effective plant for all positions. 25 cts. each; \$2.50 per doz.

✦ CHOICE HARDY SHRUBS. ✦

HARDY AZALEAS.

These are among the most valued and desirable of the early flowering shrubs, admirably adapted either for grouping or for planting as single specimens.

Mollis. A beautiful species from Japan with large flowers of various shades of yellow, orange, carmine, etc. (See cut.)

Pontica, or Hardy Ghent. A magnificent class of hardy flowering plants, bearing large trusses of lovely, fragrant flowers. Their diversity of color and form should render them, even to a greater extent than at present, leading shrubs for outdoor purposes.

Amœna (Dwarf Azalea). This species forms particularly neat symmetrical bushes from 2 to 2½ feet high, and in early summer when covered with its mass of bright solferino flowers nothing can be more showy.

Strong plants well set with buds of any of the above 3 Azaleas, 75 cts. each; \$7.50 per doz.

ALTHEA (Rose of Sharon).

Strong, erect-growing shrubs of the easiest culture, which bear large and showy flowers in early fall. Double rose. Double white. Double purple. Variegated leaved. Very desirable on account of flowering when few other shrubs are in bloom. 25 cts. each; \$2.50 per doz.

ANDROMEDA MARIANA.

A beautiful flowering shrub of very low growth, bearing great panicles of lovely, drooping, bell-like blossoms; often called the Lily-of-the-Valley Shrub; an appropriate name. It is perfectly hardy, and flowers profusely in any situation, no matter how poor the soil, or how much neglected. Unique and pretty. 50 cts. each.

BERBERRY.

Berberries are an interesting family of shrubs, varying in size from 3 to 6 feet, and having graceful, feathery foliage. Their showy flowers in early summer are succeeded by bright-colored fruit, which is very conspicuous in autumn and early winter.

Purple (Berberis vulgaris purpurea)
Violet-colored foliage and fruit; very effective.

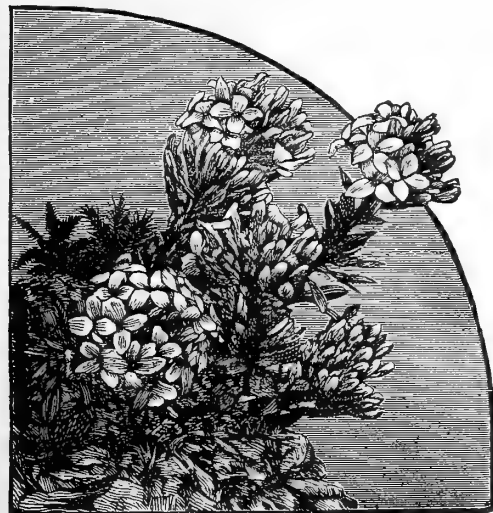
Thunbergii. A beautiful Japan variety of dwarf habit. Small foliage, assuming the most varied and beautiful tints of coloring in the autumn; very desirable for grouping and a grand hedge plant. 25 cts. each; \$2.50 per doz.

Young plants for hedging, 18 inches high, \$10.00 per 100.

CALYCANTHUS FLORIDUS.

(Sweet or Strawberry Shrub.)

An old favorite with double chocolate-colored flowers; deliciously strawberry-scented. 25 cts. each.



DAPHNE CNEORUM.



AZALEA MOLLIS.

COTONEASTER BUXIFOLIA.

A graceful evergreen shrub with small dark glossy green leaves, and small white flowers early in the season, succeeded by intense scarlet berries. 25 cts. each.

CHIONANTHUS VIRGINICA.

(White Fringe.)

A tall growing native shrub, blooming profusely in June. The singular flowers resemble bunches of white silken fringe hung gracefully among the foliage. (See cut.) 50 cts. each.

CERCIS JAPONICA.

(Japan Judas Tree or Red Bud.)

Very showy and beautiful when in bloom. All the branches and twigs are covered with a mass of small pink flowers early in the spring, before the leaves appear. 4 ft. high, \$1.00 each.

CORCHORUS, OR KERRIA JAPONICA.

(Globe Flower.)

A graceful dwarf growing shrub with pretty double yellow flowers borne throughout the entire season. 25 cts. each.



CHIONANTHUS VIRGINICA.

CYTISUS LABURNUM (Golden Chain).

A dwarf tree or large shrub with shining green leaves and racemes of yellow flowers, which appear in early summer. This shrub is well appreciated and much used in England. It will be as popular here when its beauty and effectiveness are better known. 25 cts. each.

DAPHNE CNEORUM (Garland Flower).

A pretty dwarf spreading shrub, especially suited for planting on rockeries, producing beautiful bright pink sweet-scented flowers early in May. (See cut.) 50 cts. each.

DOGWOOD (Cornus).

Florida (White Flowering Dogwood). An ornamental, spreading irregularly-shaped tree, producing large white flowers in spring and rich crimson foliage in autumn. 4 to 5 feet, 50 cts. each.

Florida Rubra (Red Flowering Dogwood). A new and rare variety, similar to the common type except in color of the flowers, which are rich rosy red. The two varieties together make a fine contrast. 4 ft., 75 cts.

Sanguinea (Red Twigged Dogwood). A strong growing bush, with crimson colored branches, making it an attractive object in winter. 25 cts.

DEUTZIAS.

These splendid shrubs should be planted even more extensively than they are at present, for there is nothing in the list of hardy shrubs that gives better results for planting in masses or groups on the lawn.

Crenata. Bears a profusion of pink and white flowers.

Crenata Flore Plena (*Double-flowering Deutzia*). Flowers double white, tinged with pink. One of the most desirable.

Fortunei. Large, pure white single flowers.

Gracilis. A dwarf bush, covered with spikes of pure white flowers in early summer.

Lemoinei. Without doubt one of the best new hardy plants offered in many years. It is a hybrid between *D. gracilis* and *D. parviflora*, and has the advantage over the former of having flowers nearly three times as large, which are produced in broad based cone-shaped heads of from 20 to 30 flowers each, and are of purest white, which open out very full. It is perfectly hardy, and will not only prove a valuable plant for the garden, but is certain to become one of the standard plants for forcing into flower in winter, more especially at Easter.

Pride of Rochester. A fine double, pure white.

Scabra. Large single white, tinged with pink.

Any of the above 25 cts. each; \$2.50 per doz.

ELEAGNUS LONGIPES.

A very desirable, nearly evergreen shrub; with light foliage, which is silvered on the under surface with little white scales. The abundant crop of orange-colored fruit, is a very attractive feature during the summer. 25 cts. each.

Exochorda Grandiflora.

(Pearl Bush.)

A vigorous growing shrub, bearing white flowers in slender racemes; very graceful; useful for cut flowers. 25 cts. each.

Euonymus**Europaeus.**

(Burning Bush.)

A very conspicuous shrub in the autumn and winter, when loaded with scarlet seed pods, from which the orange-colored berries hang on slender threads. 25 cts. each.

Forsythia**Viridissima.**

(Golden Bell.)

Bears bright golden yellow flowers early in the spring before the foliage appears, an old favorite. 25 cts. each.



DEUTZIA LEMOINEI.

Halesia Tetraptera.

(Silver Bell.)

A beautiful large shrub with pretty bell-shaped white flowers; one of the most desirable shrubs. 50 cts. each.

Hydrangea**Paniculata****Grandiflora.**

This is the finest hardy shrub in cultivation. The flowers, which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open, but gradually change to rose color and remain in good condition for weeks. Fine bush plants at 25 cts. and 50 cts. Standard or tree-shaped plants which will make beautiful specimens for the lawn or garden. 75 cts. each; \$7.50 per doz.

ITEA VIRGINICA.

One of the prettiest native shrubs, produces racemes of pure white flowers during June, which have a fragrance not unlike the pond lily. 25 cts. each.

KALMIA LATIFOLIA (Mountain Laurel, or Calico Bush).

Our native laurel and one of the most valuable evergreen shrubs, bearing clusters of white or pinkish-white flowers of great beauty. Strong cultivated plants, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

LONICERA TARTARICA.

(Upright or Shrubby Honeysuckle.)

An old favorite shrub, bearing a profusion of rose-colored flowers. 25 cts. each.

JAPANESE MAPLES.

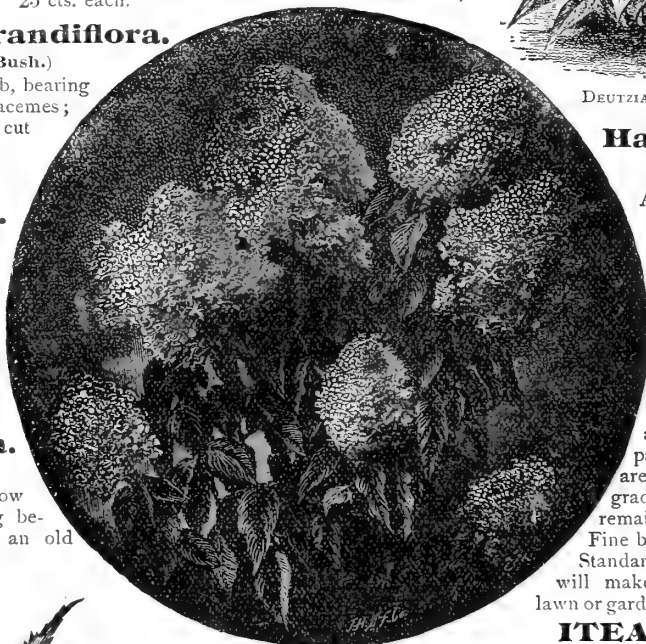
These are exceedingly beautiful, especially in spring and early summer, when they burst into full leaf, and the various colors of the foliage are deep and decided, and in autumn many varieties deepen in color and assume very beautiful tints.

Japonicum Aureum. Scalloped leaves, of a bright golden yellow.

Polymorphum Atropurpureum. A dark purple-leaved variety, foliage deeply cut.

Polymorphum Dissectum Atropurpureum. A striking and handsome variety; leaves a beautiful rose color when young; change to a deep and constant purple as they become older; also deeply and delicately cut, giving them a fern-like appearance.

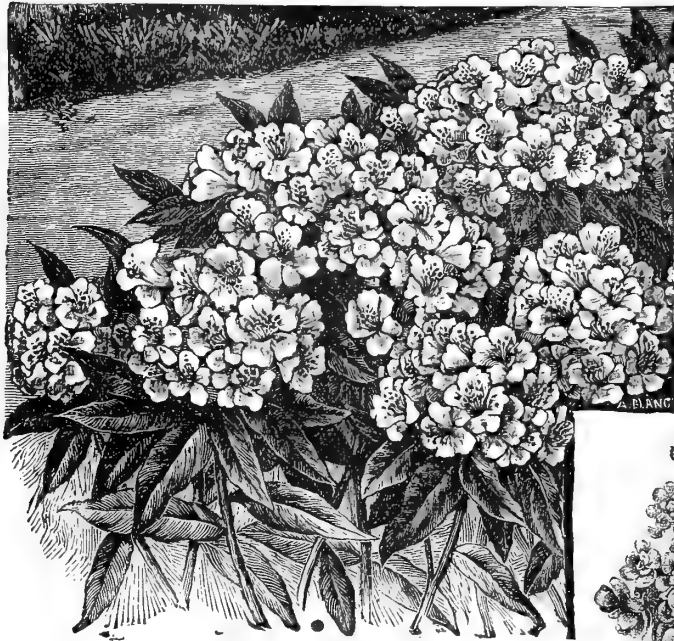
\$1.00 each.



HYDRANGEA PANICULATA
GRANDIFLORA.



JAPANESE MAPLE.



RHODODENDRONS.

RHUS CONTINUS.

(Purple Fringe, or Smoke Tree.)

A low shrubby tree, covered in midsummer with large clusters of feathery flowers, giving the appearance of a cloud of smoke or mist. 25 cts. each.

SPIRÆAS (Meadow Sweet).

Anthony Waterer. A valuable and distinct variety. It outshines all other Spiræas in brilliancy of color, being of a bright crimson; it is of dwarf, dense growth, never exceeding 24 inches in height, and a profuse and persistent bloomer, being in bloom the entire summer and fall. (See cut.)

Billardii. Strong-growing, pink-flowered.

Callosa Alba. Low, dwarf growth; white.

Prunifolia (*Bridal Wreath*). Flowers double, white and abundant.

Reevesii Pl. Fl. Double white flowers in clusters; very fine.

Thunbergii. One of the most charming of all low-growing shrubs, with fine, delicate foliage and a profusion of small white flowers in spring.

Vau Houttei. The grandest of all the white Spiræas; it is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Clusters of 20 to 30 flat white florets make up the raceme, and are set close along the drooping stems.

Any of the above Spiræas 25 cts. each; \$2.50 per dozen.

SYRINGA, OR LILACS.

Charles X. A strong, rapid-growing variety, with large, shining leaves. Trusses rather loose; large, reddish purple. 50 cts.

Common (*Syringa vulgaris*). The common purple species.

Common White (*S. vulgaris alba*). Flowers pure white, fragrant, beautiful.

Mme. Casimir Perier. The finest double white Lilac yet introduced. The individual flowers, which resemble miniature Tuberoses, as well as the truss, are of immense size, deliciously scented; fine for cutting. (See cut.) 50 cts.

Mme. Lemoine. Another fine double white variety that is used extensively for winter forcing. 50 cts.

Marie Le Gray. Beautiful creamy white flowers of immense size. Bush of dwarf habit. One of the most popular white varieties. 50 cts.

Persian. Of more slender growth than the common Lilac, purple flowers in immense spikes.

Persian White. Similar to above except in color.

Souvenir de Louis Spaeth. Immense trusses of a deep rosy purple; very choice. 50 cts.

Any of the above Lilacs 25 cts. each; \$2.50 per doz., except where noted.

MAGNOLIAS.

Glauca. The native Magnolia of the swamps, much admired for the beauty of its foliage and pure white flowers, which are very fragrant. 2 to 3 feet, 75 cts.; 3 to 4 feet, \$1.00.

Conspicua. A Chinese species of great beauty, of shrub-like growth while young, attaining the height of a tree in time. Large, pure white flowers, borne in profusion before the leaves. \$2.00.

Soulangeana. Large creamy white and purple flowers. \$2.00.

Purpurea. Deep purple, pink in throat; a dwarf bushy variety that blooms at intervals all summer. 50 cts.

PHILADELPHUS (Mock Orange).

Grandiflorus. A large flowering variety of this popular shrub.

Coronarius, Fl. Pl. Double white Mock-Orange.

Either of the above 25 cts. each.

PYRUS JAPONICUS.

(Japan Quince.)

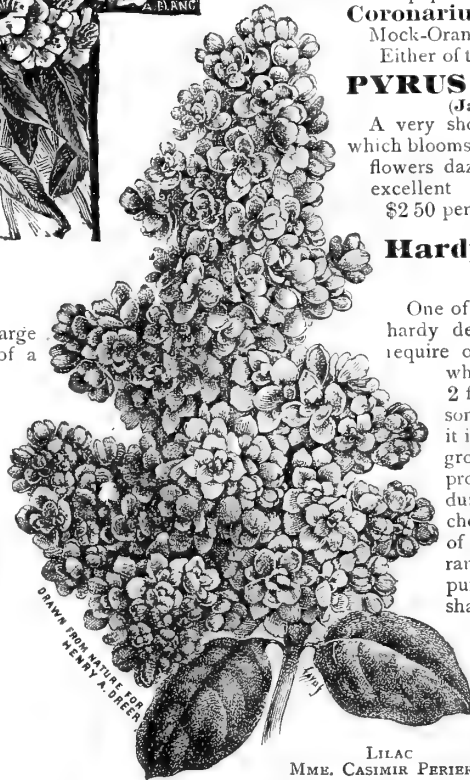
A very showy and popular shrub, which blooms profusely in early spring; flowers dazzling scarlet. Makes an excellent hedge. 25 cts. each; \$2.50 per dozen.

Hardy Rhododendrons.

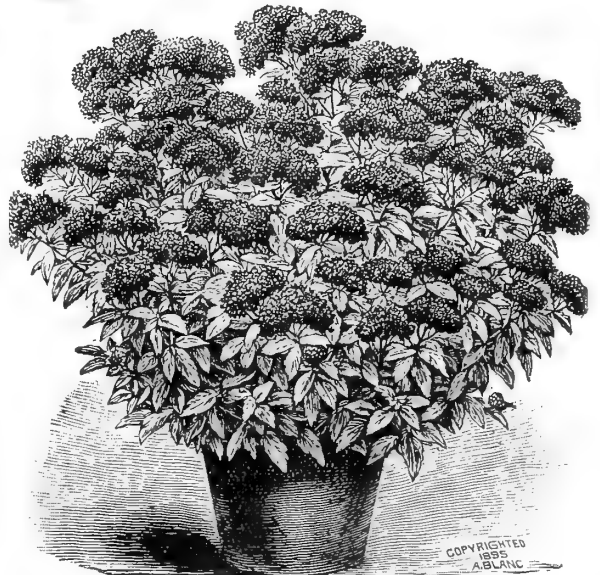
One of the most valuable of our hardy decorative plants. They require only a good garden soil, which should be dug at least 2 feet deep and mixed with some leaf mould or peat; it is also well to mulch the ground during summer, and protect with leaves or brush during winter. We offer a choice collection of plants of the hardiest varieties, ranging in color from the purest white through all the shades of rose, pink, purple and crimson. (See cut.)

All the plants we offer are finely set with buds.

Height, Each.	Doz.	100.
12 to 15 in.	\$.75	\$ 7.50
15 to 18 "	1.00	10.00
18 to 24 "	1.50	15.00



LILAC
MME. CASIMIR PERIER.



SPIRÆA ANTHONY WATERER.

COPYRIGHTED
1895
A-BLANC



SNOWBALL.

SAMBUCUS NIGRA AUREA (Golden Elder).

One of the best yellow foliage shrubs; the color is remarkably bright, rich and constant. 25 cts.

STAPHYLLEA COLCHICA.

A most desirable hardy shrub, of strong, erect habit, growing from 3 to 5 feet high, and producing large, white flowers in nodding terminal racemes during May. Strong flowering plants. 50 cts.

SYMPHORICARPUS RACEMOSUS (Snowberry).

Valued for the fleshy-white berries which are very conspicuous after the leaves have fallen. 25 cts. each.

TAMARIX TETANDRA (Tamarisk).

Strong, slender-growing irregular shrubs, with feathery foliage and small, delicate flowers, borne profusely on gracefully-bending branches. These pink flowers are very attractive in summer. 25 cts.

VIBURNUM (Snowball).

Opulus sterilis (Common Snowball). A beautiful shrub when in good condition, but, unfortunately, it suffers serious disfigurement from insects and disease, which attack its leaves in many localities. 25 cts.

Plicatum (Japan Snowball). One of the choicest hardy shrubs, with remarkably healthy dark foliage; the perfect balls of pure white flowers are borne in great profusion; a decided improvement on the old Snowball; very popular. 50 cts.

XANTHOCERAS SORBIFOLIA.

A pretty shrub, producing racemes of pure white flowers with copper-colored streak at base of petals; flowers in May. 50 cts.

SPECIAL PRICES.

Having large stocks of nearly all the shrubs listed in good strong plants, we can supply all varieties priced at 25 cts. each for \$2.50 per doz., \$15.00 per 100, purchaser's selection. If selection of varieties is left to us, \$2.00 per doz., \$12.00 per 100.

Japanese Nananzed Evergreen Trees.

(*Thuya Obtusa Nana.*)

We have an interesting lot of these curiously-trained dwarfed Japanese Evergreen Trees, many of them nearly a century old. They are quite popular at present, and frequently exorbitant prices are paid for them at Japanese sales. Our stock is all established in pots, which ensures their success. The illustration gives a very good idea of their odd and grotesque appearance, although no two look exactly alike.

Price \$5.00, \$7.50 and \$10.00 each, according to shape of plant.



WEIGELIA EVA RATHKE.

WEIGELIAS.

Eva Rathke. It is rarely that we notice decided novelties in this popular shrub, but in this variety we certainly have a grand acquisition, a variety that is at once a remarkably free bloomer and entirely distinct color, being a rich reddish-purple, quite different from anything heretofore offered. (See cut.) 50 cts. each.

Candida. Fine pure white flowers of large size.

Rosea. The best known species and the best of its color.

Rosea Nana Variegata. A neat dwarf shrub, valuable for the clearly defined variegation of green, yellow and pink in its leaves; very effective and useful; flowers similar to *W. Rosea*; delicate rose and pink; one of the finest variegated-leaved shrubs.

25 cts. each for any of the above, except where noted.

HEDGE PLANTS.

		PER 100.	PER 1000.
California Privet.	12 to 15 inches high,	\$ 2 50	\$20 00
" "	18 to 24 " "	3 50	30 00
" "	24 to 30 " "	4 00	35 00
" "	30 to 36 " "	5 00	40 00
" "	36 to 42 " "	6 00	50 00
Berberis Thunbergia.	18 " "	10 00	
Pyrus Japonica.	12 to 18 " "	8 00	75 00
Osage Orange.	Strong 2-year-old	1 00	7 50

HARDY DECORATIVE PLANTS.

We carry in stock a fine lot of Aucuba Japonica, Pyramidal and Standard Bay and Box-Trees.

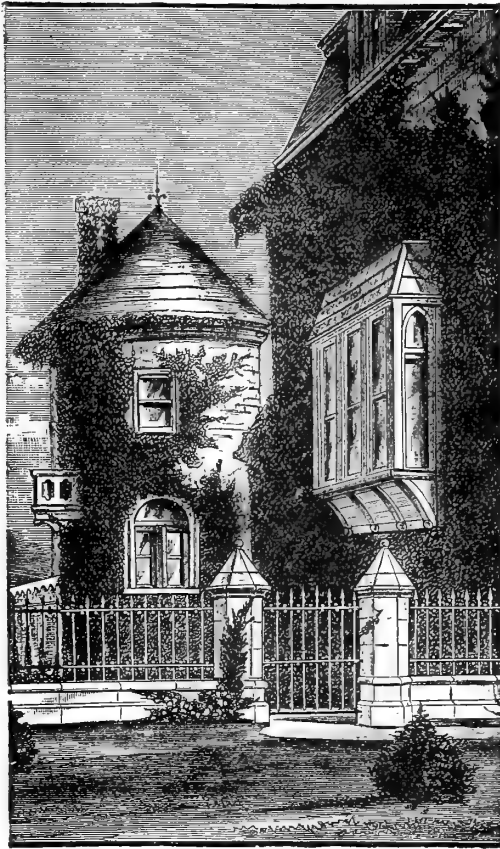
These are now largely used for the decoration of vestibules, halls and other positions, where Palms and other tender decorative stock would not stand.

Prices and sizes will be sent on application.



SPECIMEN JAPANESE NANANIZED EVERGREEN TREE.

HARDY CLIMBING PLANTS.



AMPELOPSIS VEITCHI

AKEBIA QUINATA.

One of the best climbers, bearing numberless bunches of violet-brown flowers, which have a pleasant cinnamon odor. It begins to bloom early in the spring, and continues several weeks. In good soil and location it will grow 30 to 40 feet high. Extra strong plants 25 cts. each; \$2.50 per dozen.

AMPELOPSIS VEITCHI.

The popular Boston or Japan Ivy which clings firmly to any wall, tree, etc. The leaves, which at first are of an olive-green brown color, change to bright scarlet in the autumn. This variety becomes more popular every season, and is without question one of the very best climbing plants for covering brick, stone or wooden walls that can be grown. 15 cts. each; \$1.50 per dozen; \$10.00 per 100. Extra strong plants 25 cts. each; \$2.50 per dozen; \$18.00 per 100.

AMPELOPSIS QUINQUEFOLIA.

(Virginia Creeper.)

A very rapid grower, with large dark-green foliage, which changes in the fall to scarlet. A very desirable vine for covering arbors, verandas, etc. 25 cts. each; \$2.50 per dozen.

APIOS TUBEROSA.

A valuable hardy tuberous-rooted climber, resembling in miniature the common Wistaria in vine and foliage, and having clusters of rich deep purple flowers, which have a strong, delicious violet fragrance. They grow to a height of 8 to 10 feet, and bloom profusely. Plant 2 or 3 bulbs near together to produce a mass of vines and flowers. 5 cts. each; 50 cts. per dozen.

ARISTOLOCHIA SIPHO.

(Dutchman's Pipe Vine.)

A vigorous and rapid-growing climber, bearing singular brownish-colored flowers, resembling in shape a pipe. Its flowers, however, are of little value compared to its fine light-green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Strong plants 30 cts. each; \$3.00 per dozen. Extra strong plants 50 cts. each; \$5.00 per dozen.

BIGNONIA (Trumpet Creeper).

For covering unsightly places, stumps, rock-work, or planting in crevices in ledges. The Bignonias will be found very useful. The flowers are large, attractive and showy, and borne profusely when the plant attains a fair size.

Grandiflora. Large-flowered Trumpet Creeper, bearing blooms of an orange-red color. 50 cts. each; \$5.00 per dozen.

Radicans. Dark red, orange throat; free-blooming and very hardy. 25 cts. each; \$2.50 per dozen.

EUONYMUS RADICANS VARIEGATA (Variegated Creeping Euonymus).

A splendid evergreen creeping plant with pretty small foliage, beautifully variegated deep green, white and pink; a rather slow growing but useful plant for covering low stone walls or stumps, or as an edging plant, for which purpose it can be kept closely clipped in the same manner as box edging. 15 cts. each; \$1.50 per dozen; \$10.00 per 100.

HOP (Humulus Lupulus).

One of the very best climbers for covering unsightly places. It is a rapid grower and bears a profusion of seed-pods suitable for many domestic purposes. 50 cts. per dozen; \$2.50 per 100.

HONEYSUCKLES.

Chinese Evergreen (Woodbine). Red, yellow and white variegated flowers; very fragrant.

Halliana. Flowers pure white, turning to yellow; fragrant; hardy evergreen; flowers freely.

Heckrothi. Deep-red flowers with yellow throat; in bloom the entire season, **Variegated (Aurea Reticulata).** Foliage beautifully mottled yellow and green; succeeds in any situation; a fine edging to flower beds.

Strong plants of any of the above 25 cts. each; \$2.50 per dozen; \$12.00 per 100.

Young " " " " " " 10 " " 1.00 " " 6.00 " "

HARDY JASMINE.

Jasminum Nudiflorum (Yellow Flowering Jasmine). Producing fragrant yellow flowers; hardy with protection in this latitude. 25 cts. each.

Officinale (White Flowering Jasmine). Pure white, fragrant; hardy with protection in this latitude. 25 cts. each.



HONEYSUCKLE.

LATHYRUS LATIFOLIUS ALBA.

(White Perennial Pea.)

A most desirable plant of climbing habit, growing about 5 feet high, producing its pure white flowers the entire summer; excellent for cutting. 30 cts. each; 4 for \$1.00.

HARDY MOONFLOWER.

(Ipomœa Pandurata.)

This is one of the most rapid-growing vines. A root three or four years planted will send up a number of strong shoots that climb rapidly to a height of 30 to 40 feet. These shoots branch freely from the ground up, forming a perfect network of strong branches, densely covered with large deep-green heart-shaped leaves, which overlap each other, forming a dense screen. The flowers, which are very large, are a pure satiny white, with a pinkish-purple throat, shading off deeper in the tube. 10 cts. each; \$1.00 per doz.



PORCH COVERED WITH MOONFLOWER. AREBIA, DUTCHMAN'S PIPE AND CLEMATIS PANICULATA.

PASSIFLORA.

(Passion Flowers.)

Constance Elliot. Pure white, excepting a slight coloring at base.

Cœrulea. Bright blue; very fragrant. (See cut.) 15 cts. each; \$1.50 per doz.



DIOSCOREA

BATATAS.

(Cinnamon Vine.)

Described on page 100. 5 cts. each; 50 cts. per doz.

MADEIRA, OR MIGNONETTE VINE.

Described and illustrated on page 102. 5 cts. each; 40 cts. per doz.



PASSIFLORA CÆRULEA.

HARDY ENGLISH IVY.

Invaluable on account of its remaining evergreen all the year. This is the variety used for covering walls, etc., and has become very popular for covering graves, especially if in the shade where grass will not succeed. Large plants 25 cts. each; \$2.50 per doz.

HARDY IVY, AMURENSIS.

The hardiest of all the Ivies, with large, shining dark-green heart-shaped leaves. 25 cts. each; \$2.50 per doz.

FANCY IVIES.

Madeiriensis Variegata. Undoubtedly the finest of all variegated Ivies. The foliage is of large size, similar to the common English Ivy, but beautifully edged and mottled with creamy white. A most valuable plant for vases, baskets, or for training over a window frame. (See cut.). 50 cts. each; \$5.00 per doz.

Silver Queen. A shrubby variety that does not climb, but grows in bush form. The foliage is a dark glossy green, beautifully edged and splashed with creamy white; a useful plant for decorative purposes or for planting in the border. 50 cts. each; \$5.00 per doz.

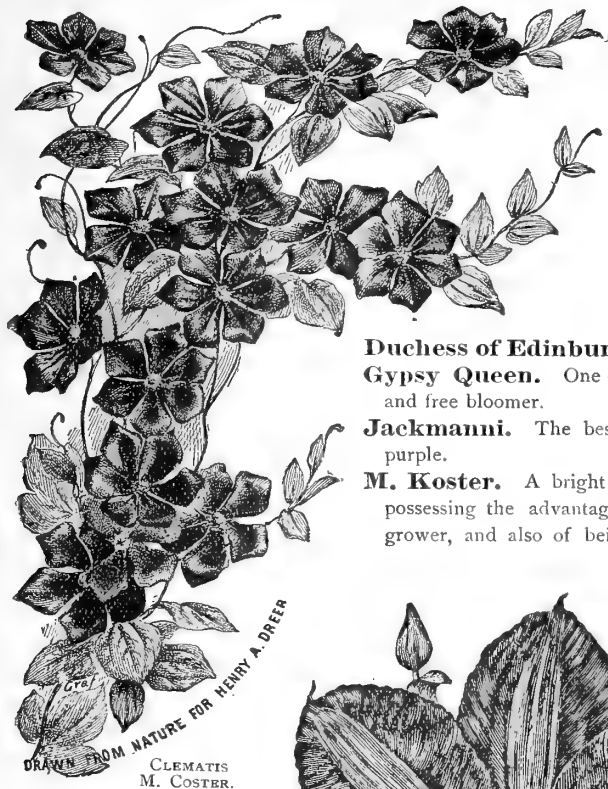
CHINESE WISTARIA.

One of the best of all hardy climbers. When given a sunny situation and liberal manuring it grows rapidly, and presents when in bloom a magnificent appearance.

Wistaria Sinensis. The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed. 30 cts. and 50 cts. each.

— **Sinensis Alba.** Of similar habit to Sinensis, with pure white flowers; a lovely climber. 50 cts.

— **Multijuga.** A handsome double-flowering variety, with lilac and blue flowers. \$1.00 each.



Small Flowering Clematis.

Clematis Coccinea.

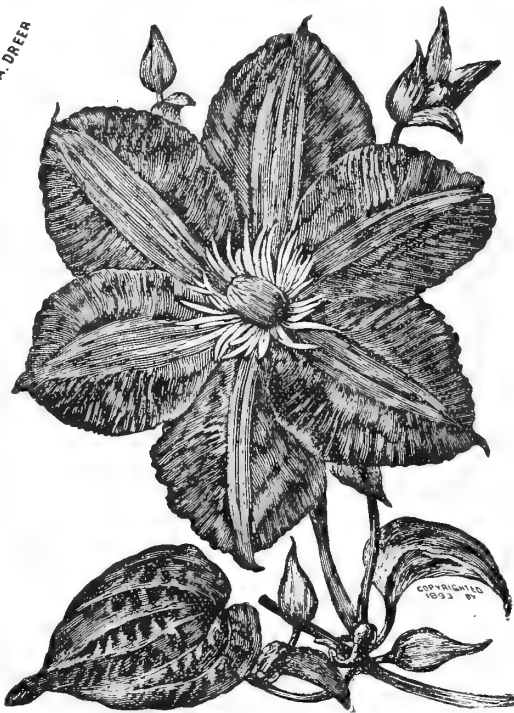
A very handsome, hardy climber, bearing thick bell-shaped flowers of a bright coral-red color; blooms with wonderful profusion from June until frost. 25 cts. each; 5 for \$1.00.

Clematis Crispa.

A very beautiful species, bearing an abundance of pretty bell-shaped, fragrant, lavender flowers with white centre. Blooms from June until frost. 25 cts. each; 5 for \$1.00.

Clematis Flammula (*Virgin's Bower*). A general favorite, where a hardy, rapid-growing vine is desired. Its small, bright-green foliage is almost hidden by clusters of small fragrant white flowers. 25 cts. each; 5 for \$1.00.

Clematis Paniculata (*Japanese Virgin's Bower*). This handsome hardy climber is one of the choicest and most satisfactory climbing flowering plants we know. The plant is of strong, rapid growth, with small dense cheerful green foliage, giving it a grace and elegance possessed by no other hardy climber, and, even did it not flower at all, it would be one of our most desirable vines. The flowers appear in the greatest profusion during August, and continue until late in the fall, are of a white color and most deliciously fragrant. The plant succeeds in almost any position; not only is it well adapted to run up all kinds of supports, but is just as useful for planting among rock-work, sloping banks, covering graves, or, in fact, any position where a graceful vine is desired. (See cut.) Strong two-year-old plants, 25 cts. each; \$2.50 per doz.; strong one-year-old plants, 15 cts. each; \$1.50 per doz.



CLEMATIS MME. EDOUARD ANDRE.

Large Flowering Clematis.

The Clematis we offer this season are exceptionally fine strong plants, two years old; we have reduced the number of varieties to such sorts as from experience we know to succeed best in our climate. Many failures in the growing of Clematis are the result of too shallow planting; the crown of the roots should be set at least 3 inches below the surface of the soil. For covering walls, trellises and verandas, old trees or ruins, they have scarcely an equal.

Anderson Henryi. Creamy white, large and handsome.

Boskoop Seedling. Extra large lavender.

Fairy Queen. Pale flesh, with a pink bar.

Duchess of Edinburgh. The best of the double pure white, deliciously scented.

Gypsy Queen. One of the very finest of the rich purple varieties, a strong grower and free bloomer.

Jackmanni. The best known and most popular variety. Color, dark, rich, royal purple.

M. Koster. A bright rosy carmine, not as rich in color as Mad. Edouard Andre, but possessing the advantage over that beautiful variety of being a much stronger, freer grower, and also of being remarkably free in flowering, while Mad. Edouard Andre though richer and brighter in color, lacks in constitution and makes but a light growth.

We have seen M. Koster under ordinary nursery cultivation a height of 6 to 8 feet in two-year-old plants with hundreds of flowers open at one time. (See cut.)

Mme. Baron Veillard. One of the strongest growing varieties, large light rose flowers, with lilac shading.

Mme. Edouard Andre. An entirely distinct and most novel variety, and the nearest approach to a bright red ever sent out. The plant is a medium grower, being a hybrid of the popular Jackmanni, which it resembles in freedom of bloom and shape and size of flower; but is of a distinct carmine-red color of a most pleasing shade, entirely different from all other varieties. (See cut.)

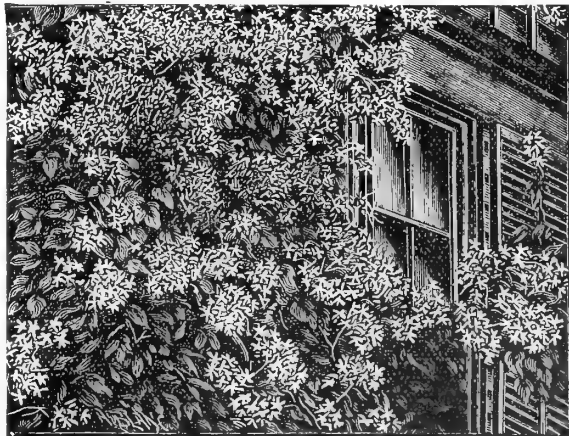
Mme. Van Houtte. Pure white; extra fine.

Miss Bateman. White, with chocolate-red anthers.

Standishi. Lavender blue.

The Gem. Deep lavender blue.

The President. Bright bluish purple. 50 cts. each; \$5.00 per doz.; set of 14 varieties for \$5.50.



CLEMATIS PANICULATA.

Straw-

Berries.



NEW PERPETUAL STRAWBERRY, ST. JOSEPH.

New Perpetual or Everbearing Strawberry—St. Joseph.

This is the first really true perpetual large-fruited Strawberry yet introduced, and entirely distinct from the various improved forms of the Alpine Strawberry, which have been offered at various times. During the summer of 1898 we saw this variety fruiting freely during the months of August and September in various parts of Europe. On our own grounds the past summer we picked a fair sprinkling of fruit during the month of July only; but as the entire season, with the exception of about four weeks, was a continuous drouth, and as the plants were set out with a view of producing as many runners as possible, we do not consider that it was a fair test, and believe that under favorable conditions, such as a cool soil and a fair growing season, it will show up as well here as in Europe, and recommend it for further trial.

We offer strong layers at 30 cts. per doz.; \$2.00 per 100; 15.00 per 1000.

FOUR FINE NEW STRAWBERRIES.

GLADSTONE. Early, Perfect.

Originated with Mr. F. F. Merceron, of Catawissa, Pa., well known as the home of the Sharpless, a variety that has stood the test for many years and, while thousands of loudly heralded new varieties have been introduced only to pass out of view, the old Sharpless is still earning money for its owners, and unless all signs fail the Gladstone will become as popular. It is darker in color than Sharpless, as large in size, is one of the earliest to ripen, and not excelled in quality by any strawberry grown.

EARLY MAY. Extra Early, Perfect.

This variety was found early in January of 1893 in the wild state in the mountains of western North Carolina and was in full bearing at the time. A few plants were lifted and taken to the farm of the introducer at Bristol, Pa., where it has proven a most valuable **Extra** early berry. It is absolutely hardy and is never injured by late frosts. It bears wonderfully heavy crops of medium-sized berries, having the rich flavor and aroma found only in the wild berry, but its most valuable feature is its extreme earliness, coming into bearing before any variety now offered.

NICK OHMER. Mid-Season, Perfect.

The Nick Ohmer originated with Mr. John F. Beaver, who is considered to be one of the most successful strawberry growers in Ohio. Mr. Beaver has fruited nearly all of the leading varieties, and his statement that the Nick Ohmer leads any variety he has ever grown should have much weight. The plant is very large and stocky, sending out plenty of strong runners. It is probably not surpassed in healthy, vigorous growth and great productiveness by any variety. It has a perfect blossom. The fruit is of the very largest size, a giant among strawberries. It is never misshapen. It is dark, glossy red, firm and of excellent flavor.

SAMPLE. Mid-Season to Late, Pistillate.

This is a new variety from Massachusetts. The points of superiority claimed for it are: Health and vigor of plant, large size of fruit, firm texture, ripens evenly all over at once, very productive of very large berries, and very late to ripen. This berry was sent out for the first time in 1898, at the almost prohibitive price of \$5.00 per dozen and \$25.00 per 100.

Price: Strong layers of any of the above 4 new varieties 30 cts. per doz.; \$1.50 per 100; \$10.00 per 1000.

SELECT LIST OF STANDARD VARIETIES.

For description see our Midsummer Catalogue, which will be mailed on application.

Varieties marked with a (P) are pistillate, or imperfect flowering; all the others have perfect flowers.

Early Sorts. Bederwood. Bismarck. Excelsior. Haverland (P). Marshall. Michel's Early.

Mid-Season Sorts. { Bubach (P). Chas. Downing. Clyde. Glen Mary. Greenville (P). Parker Earle Improved.
{ Ruby. Sharpless. Saunders. Seaford. Star. Wm. Belt.

Late Sorts. Brandywine. Gandy's Prize.

Price: Any of the above Standard Varieties, strong, healthy layers, 25 cts. per doz.; \$1.00 per 100; \$6.00 per 1000.

BLACKBERRIES.

Blackberries respond generously to good treatment. They prefer a deep soil, inclining to sand, but will grow and fruit almost everywhere. The varieties offered are the most popular market sorts.

Wilson Junior, Erie, Early Harvest, Kittatinny, Snyder.

Price 50 cts. per doz.; \$3.00 per 100; \$15.00 per 1000.

If wanted by mail add 10 cts. per doz. for postage.

CURRANTS.

Currants do well in partial shade, but require rich soil and good culture. One of our patrons grows 18 to 20 tons of currants every year among fruit trees.

Fay's Prolific. Color rich red; the leading variety for home use. 2 years, 15 cts. each; \$1.50 per doz.; \$8.00 per 100.

Cherry. Deep red. 2 years, \$1.00 per doz.; \$6.00 per 100.

Versailles. Bright crimson. 2 years, \$1.00 per doz.; \$6.00 per 100.

White Grape. Best white variety. 2 years, \$1.00 per doz.; \$6.00 per 100.

Black Naples. 2 years, \$1.00 per doz.; \$6.00 per 100.

If wanted by mail add 15 cts. per doz. for postage.

GOOSEBERRIES.

Gooseberries demand rich soil and good culture. One of the most successful American growers uses a heavy manure mulch around his Gooseberry bushes during the heat of mid-summer, thus escaping mildew. We offer strong 2-year-old plants of the following most desirable varieties:

Downing. Large; pale green; a popular market berry. \$1.00 per doz.; \$6.00 per 100.

Houghton's Seedling. Medium size; pale red; recommended for pies. 75 cts. per doz.; \$5.00 per 100.

Columbus. A new seedling, of the English type; fruit large, oval, greenish-yellow, smooth; foliage glossy; no trace of mildew. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Smith's Improved. Large; pale green. \$1.00 per doz.; \$6.00 per 100.

Industry. Of English origin, succeeds admirably in this country, bearing immense crops. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

If wanted by mail add 25 cts. per doz. for postage.

RASPBERRIES.

There are several remarkably fine new Raspberries on the market, both red and black. Of the newer reds, Miller and Loudon are prominent, and of the black caps, the Kansas and Eureka.

Miller's Red. Hardy, prolific, fine flavor; berry large and showy.

Loudon. Rather later than Miller's Red, and by some growers thought to be better.

Kansas. One of the new black caps. Has produced fruits that measured 15-16 of an inch in diameter.

Eureka. Another large, new black cap.

Hansell. Bright crimson; very early.

Golden Queen. Large golden-yellow.

Gregg. Large black.

Marlboro'. Bright crimson, very firm.

Souhegan, or Tyler. Jet black, of medium size.

Brandywine. Large, bright red.

Cuthbert. Large; deep, rich crim-on.

Price any of the above, 50 cts. per doz.; \$2.00 per 100. If wanted by mail add 10 cts. per doz. for postage.

HARDY GRAPES.

Agawam (Rogers' No. 15). Large, dark red, sweet.

Brighton. Resembles Catawba, with richness of the Delaware.

Campbell's Early. An improved Concord; very early. 50 cts. each; \$5.00 per doz.

Catawba. Red, sweet and rich, with pleasant musky flavor.

Champion, or Talman. Berries large and black.

Concord. The most popular grape, succeeds everywhere.

Cottage. Similar to Concord, but earlier and of better quality.

Delaware. Light red, sweet, sprightly fine flavor.

Diana. Pale red, sweet, rich and aromatic; late.

Duchess. Medium size, greenish-white, flesh tender.

Empire State. White, fine flavored and productive.

Esther. One of the best whites, larger than Niagara. Very showy and of fine quality. 50 cts. each; \$5.00 per doz.

Jefferson. Berries large, light red, juicy, sweet.

Jessica. White; remarkably early.

Iona. Medium, pale red, sweet and sprightly.

Lindley (Rogers' No. 9). Large, black, good quality.

Martha (White Concord). Large, pale yellow.

Merrimac (Rogers' No. 19). Large, black, juicy, sweet.

Moore's Diamond. Delicate greenish white with rich yellow tinge. Prolific, early and hardy; of fine quality.

Moore's Early. Large, black, good quality.

Niagara. Berries large, light greenish-white, slightly ambered.

Pocklington. Bunch and berry large, golden-yellow.

Salem (Rogers' No. 22). Large, bright reddish-brown, fine.

White Lady. Yellowish-green, rich and sprightly.

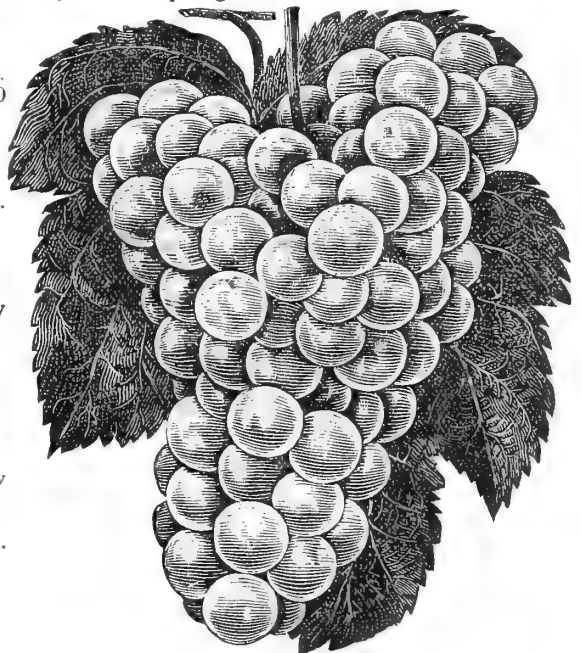
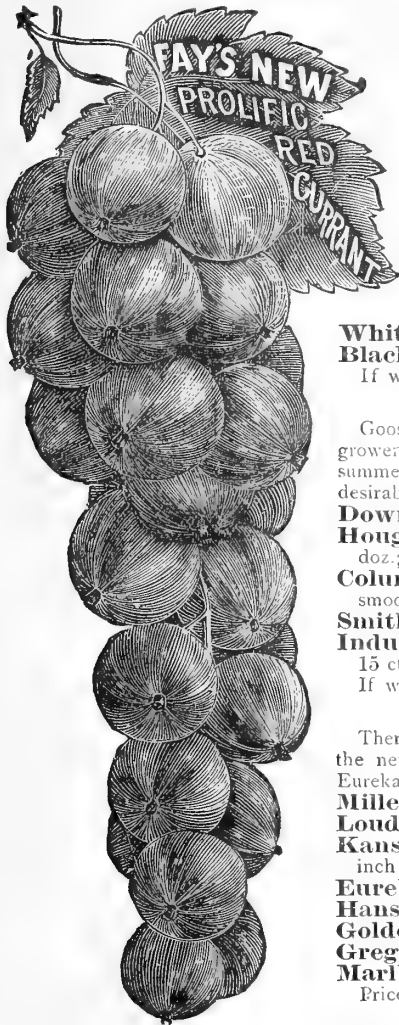
Wilder (Rogers' No. 4). Bunch and berry large, black.

Worden. Black, hardy, healthy, of fine quality.

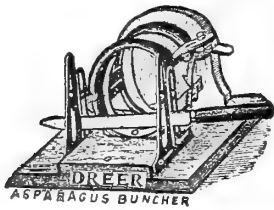
Wyoming. A fine early, red grape.

Price: Strong selected 2-year-old vines. 25 cts.; \$2.50 per doz.; \$15.00 per 100, except where noted.

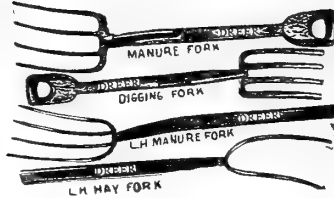
SMALL FRUIT CULTURIST (Fuller). A valuable book. Price \$1.00, postpaid.



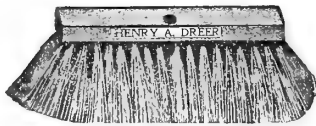
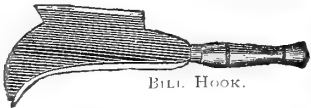
NIAGARA GRAPES.



ALL IRON DIBBLE.



HAND FORK.



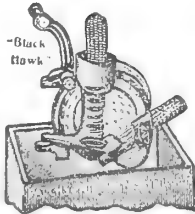
COCOA BROOMS.



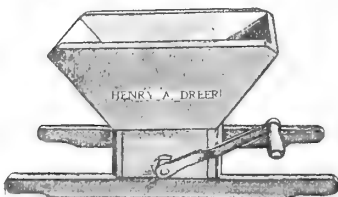
CIDER MILL.



DOCK LIFTER.



"Black
flaw"



FRUIT CRUSHER.

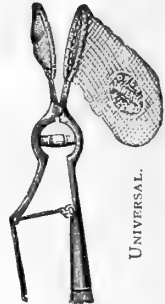
Asparagus Buncher. Complete	\$2 00
" " Without knife	1 75
" " Knife. 14 in. long, with saw, English,	1 50
" " " " plain, American	25
Asbestos Torch. For destroying insects on trees, etc.	40
Axe. Heavy, \$1.25; medium, \$1.00; light	90
Berry Hook	50
Bees Supplies. Send for circulars and prices.	
Bill Hook. \$1.25; with long handle	2 00
Brooms (Stable). Upright rattan	75
" " Push, 14 in., rattan or cocoa	65
Calf Feeder. Small's	2 50
" " Nipples	30
Cider Mill. Junior, \$14.00; Senior	20 00
Corn Shellers (Black Hawk)	2 25
Dibble. All iron, 35 cts.; iron point	50
Dock Extractor, or Lifter, heavy	1 75
" " and Weed Lifter. For hand	1 25
" " Plantain Lifter. 50 cts. and	75
Feed Cutter. (See Hay Cutter, page 179.)	
Fruit Crusher	3 00
" " Picker. Wire 50 cts., Crider's, 75 cts., Universal	1 00
Forks. Hand-weeding, American, all steel	25
" " " " Malleable, 10 cts. and	15
" " Digging or spading, 4 prong	90
" " " " 5 " "	1 25
" " Manure, long handle, 4 tine, heavy	75
" " " " 5 " "	90
" " " " D " " 4 " medium	75
" " " " D " " 5 " "	90
" " Hay and Straw, long handle, 3 tine, medium, 75 cts.; 2 tine, medium	60
Garden Reels. Iron, painted, small 50 cts., large Galvanized, single \$1.25, double	2 00
" " Lines. Best Italian flax, 30 ft., 20 cts.; 60 ft., 35 cts.; 90 ft., 50 cts.; 120 ft., 65 cts.; 150 ft., heavy, 85 cts.; 180 ft., \$1.00; 240 ft., \$1.25; extra quality, 300 ft.	1 75
" " " " Extra heavy white "Sampson," 100 ft., \$1.00; 200 ft.	2 00
Garden Sets. For children	75
Glazing Points. Van Reyper Perfect—	
" " No. 1, for small, single, thick glass	
" " No. 2, for medium size double thick	
" " No. 2½, for large double thick and skylight glass. 1000	60
" " Pincers for driving	50
Glass Cutters. Diamond, cocoa handle	4 00
" " " " ebony	3 00
" " Steel wheel	15
Gloves. Heavy goatskin, for pruning thorny plants	1 00
Grindstones. Ohio, mounted, 18-in., 50 lbs.	3 00
" " " " 20 " 75 " "	3 50
" " " " 24 " 100 " "	4 25
Gooseberry Pruner. For thorny bushes	1 00
Grass Edging Knife. English steel, 8 in., \$1.00; 9 in.	1 25
" " " " American Steel, with handle	75
" " " " Hooks, or Sickles, English, riveted back; No. 0, 50 cts.; No. 1, 60 cts.; No. 2, 70 cts.; No. 3	75
" " " " American, plain back	25
" " " " Dutch steel, two sizes, solid	50
Grafting Tools. Small, 50 cts.; large (page 179)	75
" " Wax. ¼ lb., 10 cts.; ½ lb., 15 cts.; 1 lb.	25
Hanging Baskets. (Page 179.) Rustic, round	1 00
" " " " oval, 3 sizes, 75 cts. to	2 00
" " " " Wire, 8 cts., 10 cts., 12 cts., 14 cts., 20 cts. to	40

GRASS EDGING KNIFE.

CRIDER'S.

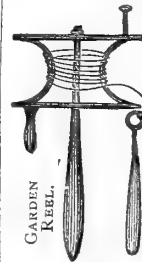


FRUIT PICKERS.



UNIVERSAL.

WIRE.



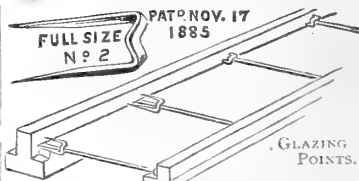
GARDEN KNEEL.



PRUNING GLOVE.



DREER GARDEN SETS.

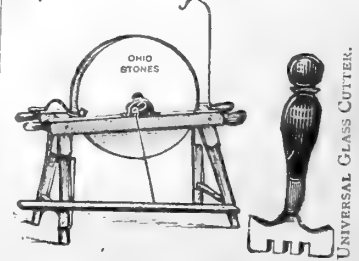


FULL SIZE No. 2 PAT. NOV. 17 1885

GLAZING POINTS.



GRASS HOOK.



OHIO STONES

UNIVERSAL GLASS CUTTER.



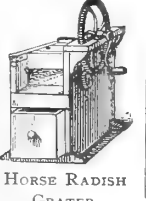
HAY CUTTER.



TROWEL HOE.
POTATO HOE.



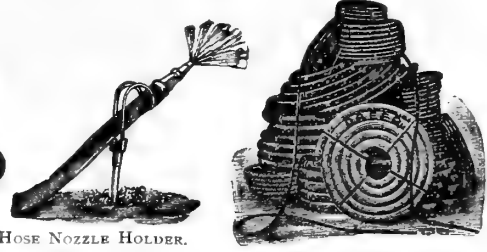
WEEDING HOE



HORSE RADISH
GRATER.

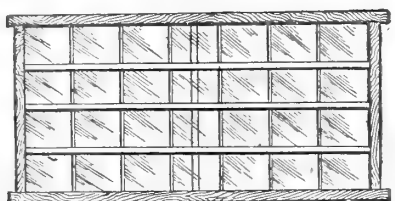


SIMPLICITY HOSE COUPLER. BOSTON NOZZLE.

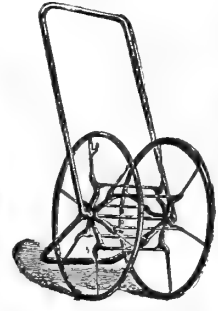


HOSE NOZZLE HOLDER.

Grafting Tools. Small size, 50 cts.; large size \$0	75
Wax. 1/4 lb., 10 cts.; 1/2 lb., 15 cts.; 1 lb.	25
Hammers. Claw, 75 cts.; stone.....	75
Hatchets. Medium or heavy	75
Hay and Straw Cutter. 2 sizes.....	\$12 00, 16 00
Hemp Hook. Special for cutting hemp.....	1 00
Hose, Rubber. Good quality, 3-ply, 3/4-in., per ft.	12
" " Fine " " " " "	15
" " Extra " 4-ply, " " "	18
" " Sphincter Grip, 3/4-in. wired, "	16
Nozzles. Boston, 50 cts.; long neck, 75 cts.;	
Boss, 40 cts.; Gem, 30 cts.;	
Rainmaker, 50 cts.; Numyr	50
Holder	15
Attachment. Simplicity	25
Couplers. Brass, for 3/4-in. hose, per pair	20
Menders. Hudson's, box of tubes, 20	
bands and 1 pair of pliers,	
75 cts.; by mail.....	1 00
" " Hudson's, 3/4-in. tubes	03
" " " " rings, doz... ..	20
" " " " pliers, 30c.; mail, 35	
" " Iron, Jones', 5 cts. each; doz.	50
" " Brass, Cooper's, 10 cts. doz.	1 00
Protector (Shuck's). For preventing	
Hose wearing against corners and	
greenhouse bench. Each, 30 cts.; doz.	3 00
Reels. Wooden, to hold 50 ft., \$1 25; to	
hold 100 ft.....	2 00
" " Wirt's all iron, No. 10, holds 100 ft.	2 75
" " " " No. 20, holds 150 ft.	3 00
" " " " No. 30, holds 500 ft.	5 00
House Frames. For raising young plants in the	
house. No. 1, 12 x 16, 75 cts.; No. 2, 12 x 24	1 25
Hot-bed Sash. Unglazed, \$1 25; glazed and	
painted.....	2 75
Mats. Straw, 3 x 6, 75 cts.; doz.,	
\$8.50; 6 x 6, \$1 25; doz. 14 00	
" " Burlap, 3 x 6, 75 cts.; 6 x 6.	1 25
" " Rattan, 6 x 6, very durable.	2 25
Hoe. Celery, 14-in. blade, \$1 25; grubbing... ..	1 00
No. 1, Weeding, with Rake, 4 teeth, 40	
cts.; 6 teeth	50
No. 2, Half-Moon, 3-in., 30 cts.; 4-in., 35	
cts.; 5-in., 40 cts.; 6-in., 45 cts.;	
7-in., 50 cts.; 8-in.....	60
No. 3, Warren, 3 sizes, 45 cts., 60 cts. and	
No. 4, Scuffle, 4-in., 40 cts.; 5-in., 50 cts.;	
6-in., 60 cts.; 7-in., 65 cts.; 8-in.,	
70 cts.; 9-in., 85 cts.; 10-in., ..	1 00
No. 5, Garden, 1 point.....	30
No. 6, Square Garden, 6-in., 40 cts.; 7-	
in., 50 cts.; 8-in.....	60
No. 7, Garden, 2 point	30
Trowel-shaped, 40 cts.; Potato 4 pronged	40
Adjustable Weeding	25
Tiffin's Adjustable, 6-in., 25 cts.; 7-in...	40
Jersey, very light.....	30
Horse Radish Grater. Tin-clad, \$6 50; steel-	
clad	7 50



HOT-BED SASH.



WIRT'S IRON HOSE REEL.



COOPER HOSE MENDER



HOSE COUPLER.



HOSE MENDER.



HOSE PROTECTOR



WOOD HOSE REEL.



GEM NOZZLE.



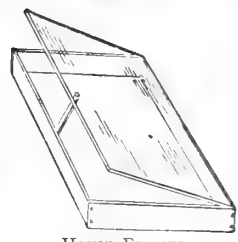
BOSS NOZZLE.



NUMYR NOZZLE.



RAINMAKER NOZZLE.

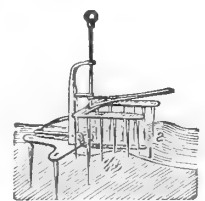


HOUSE FRAMES.

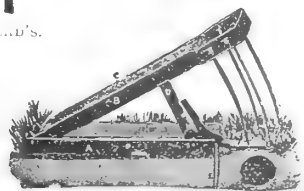
MOLE TRAPS.



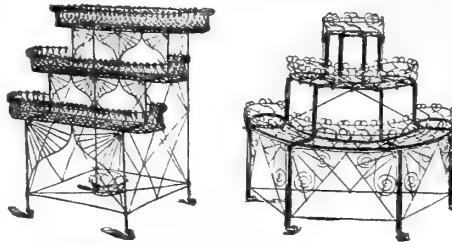
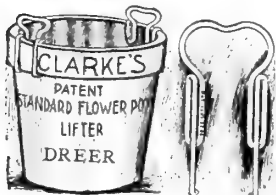
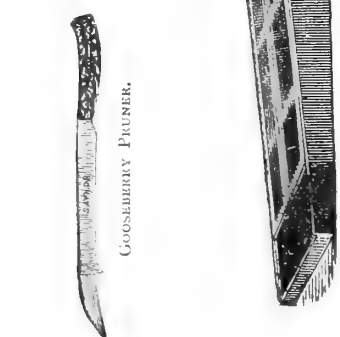
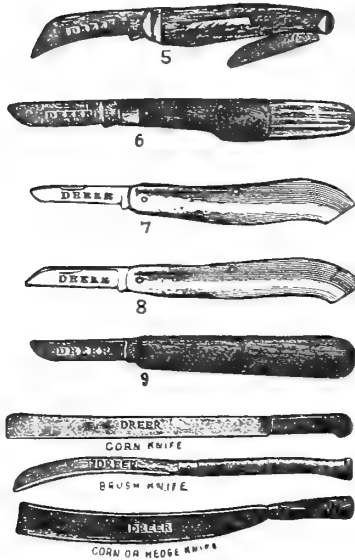
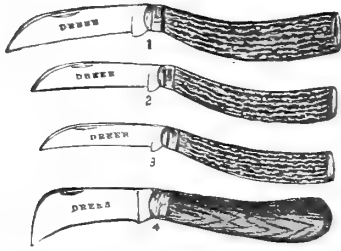
GLINSLER'S.



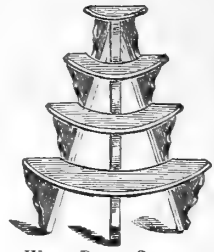
PERFECTION.



DAFFODIL MOLE TRAP.



WIRE PLANT STANDS.



WOOD PLANT STAND.



DREER'S PLANT STAND

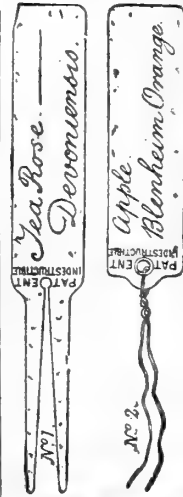
Knives. Pruning, American, 50 cts., 75 cts. and \$1 00
 " Stag " Imported, No. 1, very heavy 1 25
 " " " " " 2, med. heavy 1 15
 " " " " " 3, light 1 00
 " Cocoa " " " 4, heavy 90
 " Stag " 2 blades " 5, medium 1 00
 " Horn, Budding " " 6, Dreer's Special. . . . 75
 " Ivory, " " " 7 and No. 8. 1 00
 " Cocoa, " " " 9, for garden use 60
 " Corn, American, 50, Corn or Hedge, Eng. . . . 75
 " Brush, " \$1 00, English 1 75
 " Gooseberry, Pruning 1 00

Labels. Wood, painted, 3 1/2 in. 100. \$.75 6 in. 100. \$ 1.25
 " " " 4 in. 12 85 8 in. 35 2.50
 " " " 4 1/2 in. 15 1.00 10 in. 50 4.00
 " " " 5 in. 20 1.10 12 in. 75 5.25
 " " tree " 3 1/2 in. notched or
 pierced, per 100, 15c.; per 1000 1 00
 " notched with copper wire, 100, 25c.; " 1 25
 " Copper, indestructible, No. 1, doz. 25c. gross 1 75
 " " " " 2, " 30c. " 2 25
 " Zinc, " " 1, " 20c. " 1 50
 " " " " 2, " 25c. " 1 75
 " White metal, " 2, " 15c. " 1 25

" Zinc, tree. Extra heavy, small, 60c. per 100; medium, \$1.50 per 100; large, 100 3 00
 " Ink, indelible, for zinc labels, per bottle . . 25
 " Pencils, " for wood labels, 5c. each; doz. 50
Mattocks. Handled, heavy, \$1.25; medium . . . 1 00
Milk Pail. Stool, pail and strainer combined 2 25
Mole Traps. Olmstead's, \$1.50; Perfection. . . 2 00
 " Daffodil, \$1.00; Springs 15
Potato Eye Cutter. 25 cts.; by mail 30
Pot Brackets. One pot, 25c.; two pots 60
 " Lifter. 7 in., 8 in., 9 in., 10 in., per pair 20
Picks. Steel, with handle 1 25
Plant Stands. Wood. 3 shelf, \$1.25, 4 shelf 1 75
 " Wire. 2 " square or round 3 25
 " " 3 " " " 4 00

" Iron, Dreer's 15 in. 45c.; 18 in. 55c.; 24 in. 75 cts.; 30 in. 80 cts.; 36 in. 90c.; Galvanized or bronzed, 15 in. 55c.; 18 in. 70 cts.; 24 in. \$1.00; 30 in. \$1.15, 36 in. 1 40
Plant Bed Protecting Cloth. A cheap substitute for glass. Light, 4 cts. per yard; per piece of about 65 yards, @ 3 cts. Medium, 7 cts. per yard; per piece of about 60 yards, @ 6 1/2 cts. Heavy, 10 1/2 cts. per yard; per piece of about 40 yards, @ 10

Rakes. Steel, short teeth, for walks, 14 teeth 40
 " 16 teeth 50 cts.; 18 teeth 60
 " " Garden, 6 teeth 25 cts.; 8 teeth 30
 " " " 10 " 35 " 12 " 40
 " " " 14 " 45 " 16 " 50
 " " " 9 " 30 " 11 " 40
 " " " 13 " 50 " 15 " 60
 " Jackson Lawn, bent steel teeth 50
 " Hustler Lawn, galvanized wire 50
 " Wooden, Lawn King, 22 teeth, 40 cts.; 26 teeth 50 cts.; 38 teeth 75 cts.; 50 teeth 1 00
 " Wooden, Automatic, self-cleaning, 22 teeth, 60 cts.; 26 teeth 70 cts.; 38 teeth, \$1.00; 50 teeth 1 50
 " Wood Head, 12 wrought-iron teeth . . 50
 " Eureka, light wire lawn 40
 " Lawn and Scarrifying 50
 " Ames, 24 teeth 70 cts.; XX, 20 teeth. . 40
 " Hay and Straw, 8 and 10 teeth . . . 30



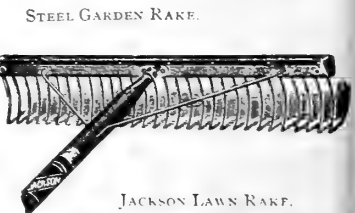
COPPER LABELS



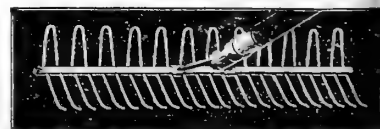
POT BRACKET.



BOW RAKE.



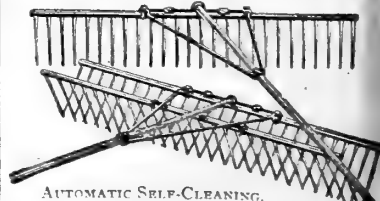
STEEL GARDEN RAKE.



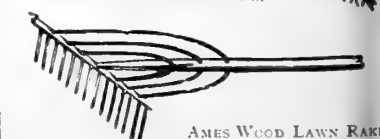
JACKSON LAWN RAKE.



HUSTLER LAWN RAKE. LAWN KING RAKE.



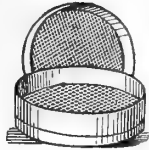
AUTOMATIC SELF-CLEANING.



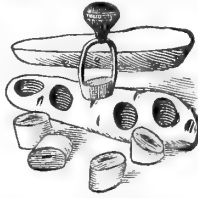
AMES WOOD LAWN RAKE

- 5 ft. long X 5/8 in. dia.
- 4 ft. X 9/16 in. "
- 3 1/2 ft. X 9/16 in. "
- 3 ft. X 1/2 in. "
- 2 1/2 ft. X 7/16 in. "
- 2 ft. X 3/8 in. "

GREEN TAPERING STAKES.



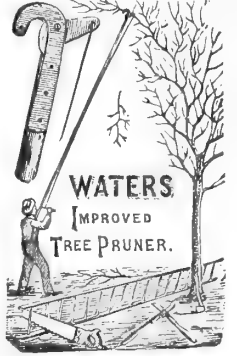
SIEVES.



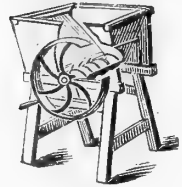
POTATO EYE CUTTER.



CLIPPER TREE PRUNER.



TELEGRAPH TREE PRUNER.

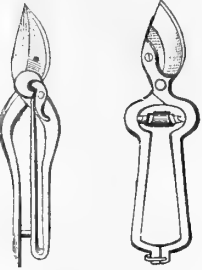


ROOT CUTTER.

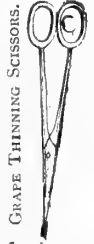


BOW SCISSORS.

Root Cutters	\$12 00
Rustic Chairs , \$3.00; Settees	4 50
Saws . Pruning, 14 in., 65 cts.; 16 in., 75 cts.; 18 in., 90 cts.; 20 in., \$1.10; 24 in.	1 25
“ Lightning, double edge.....	65
Scissors . Flower and fruit gatherers, 25 and 50 cts.; 7 in., \$1.00; 8 in.	1 25
“ Flower-gathering, imported, small, 90 cts.; medium, \$1.00; large... ..	1 25
“ Bow, pruning, 4 in., 75 cts.; 5 in., \$1.00; 6 in., \$1.25; 7 in.	1 50
Scythes . English Lawn, riveted back, 30 and 34 in., \$1.00; 36 in., \$1.15; 38 in.	1 25
“ American, best of steel.....	75
“ American Brush.....	60
Scythe Stones . Darby, 10 cts; Talacre or Welsh, 15 cts.; German, 10 cts., 75	
“ Snaths . The best pattern.....	75
Shears . Grass border, 8-in. blade, \$2.00; 10 in.	2 50
“ 8-in., with wheel, \$2 50; 10 in.	3 00
“ Lawn, 2 wheels, 9-in blade, for cutting under fences and shrubs.....	2 50
“ Hedge, English, with notch, 8 in., 9 in., \$1.75; 10 in.	1 50
“ Pruning, French, 7 in. \$1.50; 8 in. \$1 75; 9 in. \$2.00; Grape, Pruning, one size.	50
“ Perfection, 7 in., \$2.00; 8 in., \$2.25; 9 in.	2 50
“ German, 8 in., \$1.00; 9 in.	1 25
“ “ seconds, 8 inch.	50
“ “ small nickel.....	1 00
“ Clipper Lopping, Tip-top, 20-in. handle, \$1.00; No. 2, 23-in. handle, \$2.00; No. 1, 25-in. handle	2 50
“ Lopping, imported, No. 1, \$2 25; No. 2, \$2.75; No. 3, \$3.00; No. 4.	3 50
“ Tree Pruning, Waters', 4 ft., 75 cts.; 6 ft., 85 cts.; 8 ft., \$1.00; 10 ft., \$1.15; 12 ft.,	1 25
“ Tree Pruning, Clipper, 8 ft., \$1.00; 10 ft., \$1.25; 12 ft.	1 50
“ Sheep, English, for grass, 7 1/2 in.	1 00
“ “ with spring, 7 1/2 in.	1 15
“ “ American, steel, 50 cts. and..	75
Shovels . No. 3, round point, No. 2, D. handle	1 00
“ No. 1, square point, No. 2, D. handle	1 00
“ No. 2, long handle, round point, No. 2, 1.00 and.....	1 25
Sieves . 18 in., 75 cts.; 20 in.	85
Spades . No. 4, Ames', pol., No. 1, \$1.15; No. 2	1 25
“ Jackson, pol., No. 1, 90 cts.; No. 2.	1 00
“ English, turfing.....	4 00
“ Griffith's, boy's, 75 cts.; nursery... ..	1 50
Spuds . Long handle, with foot rest.....	75
“ English, for thistles and docks, 35 and Long handle, Dandelion	50
Stakes . Light tapering, green, 1 1/2 ft., 15 cts. per doz., 90 cts. per 100; 2 ft., 25 cts. per doz., \$1.55 per 100; 2 1/2 ft., 38 cts. per doz., \$2.35 per 100; 3 ft., 46 cts. per doz., \$2.95 per 100; 3 1/2 ft., 58 cts. per doz., \$3.70 per 100; 4 ft., 67 cts. per doz., \$4.30 per 100; 5 ft., 78 cts. per doz., per 100	5 00
“ Heavy Dahlia, green, 3 ft., 67 cts. per doz., \$4.30 per 100; 4 ft., 88 cts. per doz., \$5.70 per 100; 5 ft., \$1.10 per doz., \$7.10 per 100; 6 ft., \$1.30 per doz., per 100.....	8 50



PERFECTION. GERMAN PRUNING SHEARS.



GRAPE THINNING SCISSORS.



FLOWER GATHERER.



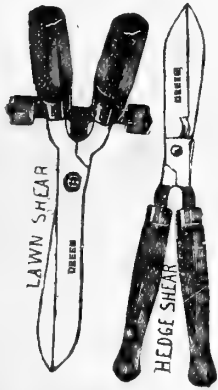
GRASS SHEAR



FRENCH SHEAR



GRAPE SHEAR



LAWN SHEAR

HEDGE SHEAR

LIGHTNING TREE SAW.



1



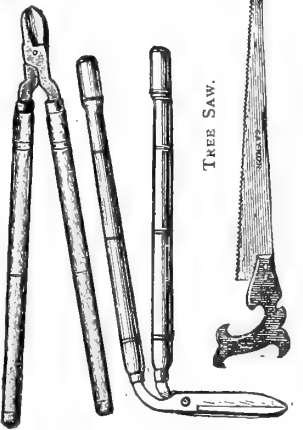
4



2



3

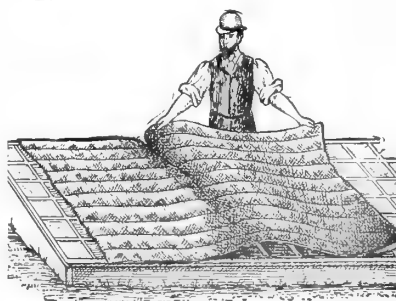


LOPPING SHEARS.

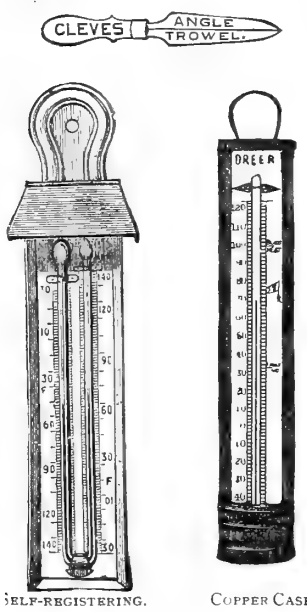
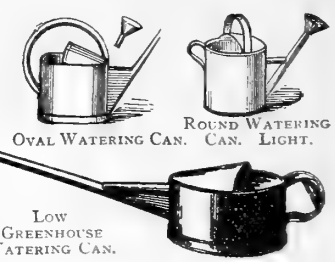
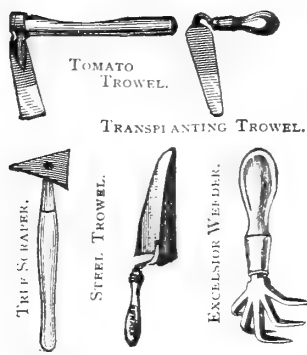
BORDER SHEARS.



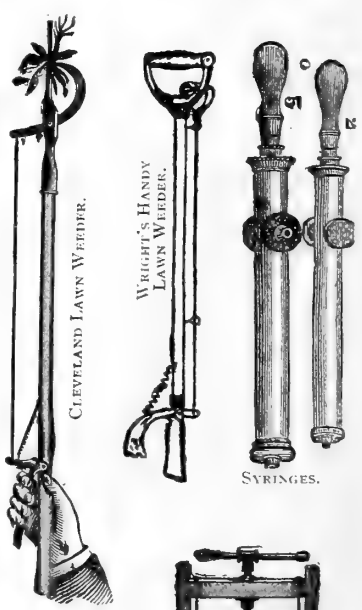
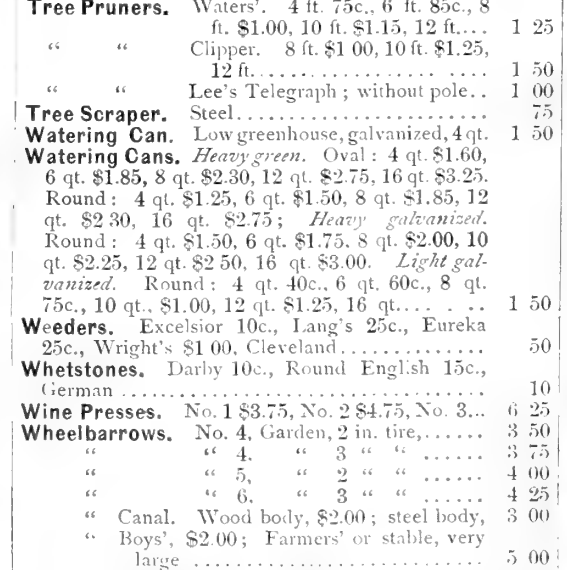
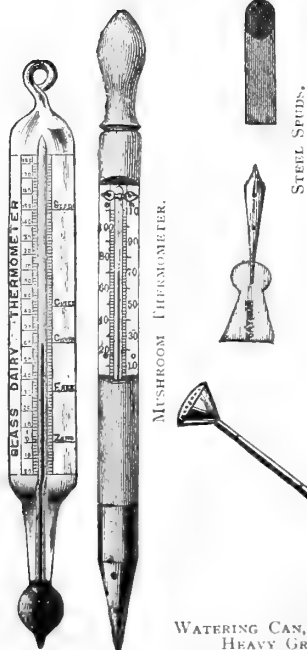
CLIPPER LOPPING SHEAR

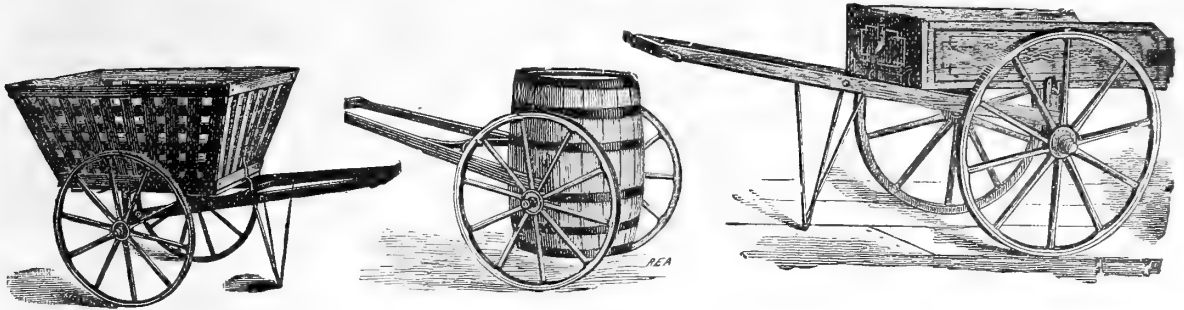


BURLAP HOT-BED MATS.



Stakes. Galvanized steel, 2 ft. 70c. per 100, \$5.50 per 1,000; 2½ ft. 85c. per 100, \$6.50 per 1,000; 3 ft. \$1.00 per 100, \$8.00 per 1,000; 3½ ft. \$1.25 per 100, \$10.00 per 1,000; 4 ft. \$1.50 per 100, \$11.75 per 1,000; 5 ft. \$1.75 per 100, per 1,000.....	\$13 50
Stakes. Unpainted, for Chrysanthemums, etc., 44 in. long, ¼ in. diam., 75c. per 100, \$5.00 per 1,000; 44 in. long, ⅜ in. diam., \$1.00 per 100, \$6.00 per 1,000; 44 in. long, ½ in. diam., \$1.25 per 100, \$8.00 per 1,000; 36 in. long, ½ in. diam., 60c. per 100, per 1000.....	5 00
Stakes. Cane. 6 to 8 feet long; can be cut to any desired length. \$1.00 per 100, per 1,000...	8 00
Syringes (Brass). No. A, 1 stream and spray rose, \$1.85; No. C, 1 stream and spray, \$3.00; No. 2, 1 stream and 2 roses, \$3.60; No. 3, 1 stream and 2 roses, \$5.00; No. 5, 1 stream and 2 roses, \$5.75; No. G, 1 stream and 1 rose, with curved neck to use as a knuckle joint, \$4.00. No. H, 18 in. long, \$2.00. Zinc, \$1.00; brass surface.....	1 25
Sod Cutter (Horse Power).....	25 00
Trowels. American steel, 6 in., 25 cts; 7 in. ...	50
" English steel, 7 in.	50
" Cleves' Angle, 5 in., 10c., 7 in., 15c., 8 in. 20c.; transplanting 30c., tomato	50
Thermometers. Tin japanned, 8 in. 15c., 10 in.	25
" Greenhouse, porcelain scale, 8 in.	1 25
" Self-registering; tin case.....	2 50
" " " porcelain case..	3 00
" Hot-bed, or mushroom, brass end	1 50
" " Dairy, all glass....	25
" Black japanned, best quality....	75
" Copper case, " ".....	1 00
Tree Pruners. Waters'. 4 ft. 75c., 6 ft. 85c., 8 ft. \$1.00, 10 ft. \$1.15, 12 ft....	1 25
" " Clipper. 8 ft. \$1.00, 10 ft. \$1.25, 12 ft.....	1 50
" " Lee's Telegraph; without pole..	1 00
" " Steel.....	75
Tree Scraper. Steel.....	1 50
Watering Can. Low greenhouse, galvanized, 4 qt.	
Watering Cans. Heavy green. Oval: 4 qt. \$1.60, 6 qt. \$1.85, 8 qt. \$2.30, 12 qt. \$2.75, 16 qt. \$3.25. Round: 4 qt. \$1.25, 6 qt. \$1.50, 8 qt. \$1.85, 12 qt. \$2.30, 16 qt. \$2.75; Heavy galvanized. Round: 4 qt. \$1.50, 6 qt. \$1.75, 8 qt. \$2.00, 10 qt. \$2.25, 12 qt. \$2.50, 16 qt. \$3.00. Light galvanized. Round: 4 qt. 40c., 6 qt. 60c., 8 qt. 75c., 10 qt. \$1.00, 12 qt. \$1.25, 16 qt....	1 50
Weeders. Excelsior 10c., Lang's 25c., Eureka 25c., Wright's \$1.00, Cleveland.....	50
Whetstones. Darby 10c., Round English 15c., German.....	10
Wine Presses. No. 1 \$3.75, No. 2 \$4.75, No. 3...	6 25
Wheelbarrows. No. 4, Garden, 2 in. tire,.....	3 50
" " 4, " 3 " ".....	3 75
" " 5, " 3 " ".....	4 00
" " 6, " 3 " ".....	4 25
" Canal. Wood body, \$2.00; steel body, Boys', \$2.00; Farmers' or stable, very large.....	5 00





Truck and Leaf Rack, No. 1.
 With 1½ in. Tires \$10 25
 " 2½ " " 11 00
 " 3½ " " 11 75

Truck and Water Barrel.
 With 1½ in. Tires \$8 00
 " 2½ " " 8 75
 " 3½ " " 9 50
 Barrel and Trunnions 2 25
 Trunnions, per pair 50

Truck and Hand Cart.
 With 1½ in. Tires \$8 50
 " 2½ " " 9 50
 " 3½ " " 10 25
 Leaf Rack 4 50
 Hand Cart 3 00

Truck and Leaf Rack, No. 3.
 Extra large, with 4 in. Tires \$15 00

Flower Pots, Saucers, Orchid Baskets, etc.



SEED PANS.

LILY PANS.

SAUCERS.

ORCHID BASKETS.

STANDARD FLOWER POTS.

The pots we offer are *the best*, for the following reasons: We are the largest consumers in the country, and have made the test. They are smooth, uniform shapes, porous clay, well baked and tough. There is no breakage. They must not be confounded with blistered, irregular shapes of little better than sun-dried material, perhaps cheaper in the beginning, but dearer in the end. They are full inside measurement, which makes them at least one size larger than by the old way of measuring.

Sizes.	Dozen.	100.	1000.	Sizes.	Dozen.	100.	1000.	Sizes.	Dozen.	100.
1½ in.	\$0 08	\$0 52	\$4 20	3½ in.	\$0 20	\$1 25	\$10 20	8 in.	\$1 68	\$10 00
2 "	09	60	4 80	4 "	26	1 65	13 20	9 "	2 40	15 00
2½ "	10	68	5 40	5 "	48	3 00	24 00	10 "	3 25	20 25
3 "	12	83	6 60	6 "	72	4 50	36 00	12 "	6 00	37 50
3½ "	17	1 05	8 40	7 "	1 20	7 50		14 "	12 00	75 00

Pot Stands or Saucers.

Sizes.	Dozen.	Sizes.	Dozen.
4 in. 20 cts.	9 in. \$0 95		
5 " 25 "	10 " 1 20		
6 " 35 "	11 " 1 40		
7 " 48 "	12 " 1 75		
8 " 72 "	14 " 3 00		

Round Lily Pans.

8 in. diam., 4 in. deep.	Each.	Dozen.
4 in. diam., 4 in. deep.	\$0 10	\$1 00
5 " " " "	15	1 65
6 " " " "	20	2 25
7 " " " "	40	4 40
8 " " " "	85	9 00

Square Seed Pans.

6 in.	Each.	Dozen.
6 in.	\$0 20	\$2 00
8 "	25	2 50
10 "	30	3 00
12 "	35	3 50

Wood Fibre Saucers.

4 in. 7 cts.	Dozen.	Each.	Dozen.
7 cts.	70 cts.	9 in.	10 cts.
8 " 80 "	10 " 11 "	10 " 11 "	1 10
8 " 85 "	11 " 12 "	11 " 12 "	1 20
9 " 90 "	12 " 14 "	12 " 14 "	1 40
10 " 100 "	13 " 15 "	13 " 15 "	1 50
	14 " 18 "	14 " 18 "	1 80

Earthenware Orchid Baskets.

Square, 4 in.	Each.	Dozen.
4 in.	\$0 15	\$1 35
5 "	20	1 80
6 "	25	2 25
7 "	30	2 70
Round, 6 "	25	2 50
8 "	35	3 50
10 "	45	4 50

Round Orchid Pans.

4 in.	Each.	Dozen.
4 in.	\$0 10	\$0 90
6 "	20	1 80
8 "	30	2 50
10 "	40	3 60
12 "	50	4 50
14 "	75	6 75
16 "	1 25	11 25

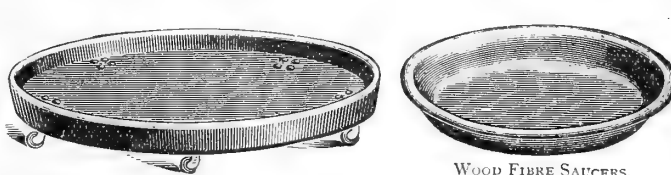
Square Wood Orchid Baskets.

These are made of cedar and heavy copper wire, and are practically indestructible.

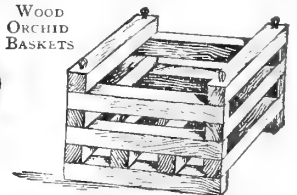
6 in.	Each.	Dozen.
6 in.	\$0 40	\$4 50
8 "	50	5 50
10 "	60	6 75
12 "	75	8 00

Wood Fibre Rolling Stands for Heavy Plants.

12 in., 10 in. Pot	..... \$0 70
13 " 11 " "	..... 80
14 " 12 " "	..... 90
16 " 14 " "	..... 1 10
18 " 16 " "	..... 1 20
20 " 18 " "	..... 1 40
22 " 20 " "	..... 1 60



WOOD FIBRE SAUCERS.



WOOD ORCHID BASKETS

Tree and Plant Tubs.
 Painted Green.

Made of white cedar and bound with extra iron hoops. Drop-handles serving as hooks for carry poles. Iron legs. Removable perforated bottoms.

No.	Outside Diam.	Length of Stave.	Price
0	27 in.	24 in.	\$5 00
1	25 "	22 "	4 50
2	23 "	20 "	4 00
3	21 "	18 "	3 50
4	19½ "	16 "	2 75
5	18 "	14 "	2 50
6	16½ "	13 "	2 00
7	15 "	12 "	1 75
8	14 "	10 "	1 50



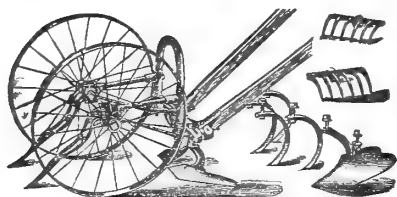
DREER'S KEYSTONE TUB.

DREER'S KEYSTONE PLANT TUB.

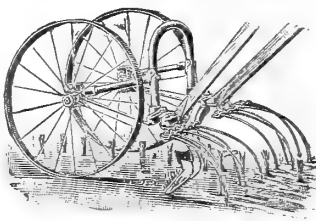
These tubs are made of white cedar, with strong hoops, fixed bottom, painted green. They are durable and neat. A good tub at a moderate price.

No.	Outside Diam.	Length of Stave.	Price
12	13½ in.	13 in.	\$1 10
15	16½ "	16 "	1 60
18	20 "	19 "	2 50

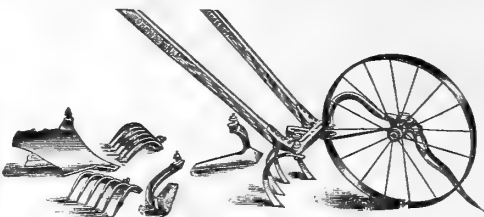
The "IRON AGE" Garden and Farm Implements.



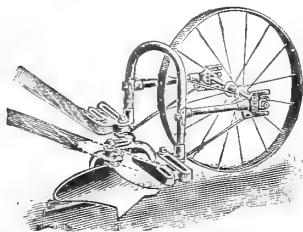
No. 1, "Iron Age" Double Wheel Hoe.
Complete.....\$7 00
No. 3. with side Hoes only..... 4 25



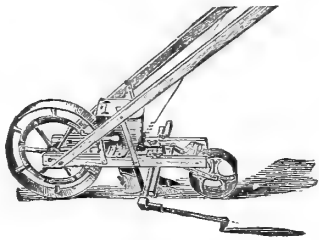
No. 3, "Iron Age" Double Wheel Hoe,
with Weeder attachment.
Price of attachment.....\$1 00



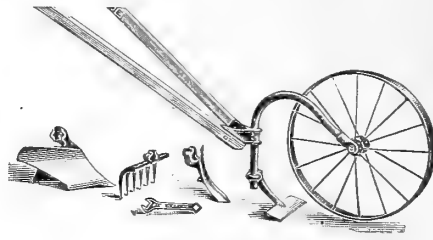
No. 9, "Iron Age" Single Wheel Hoe.
Price: complete.....\$5 50
No. 10, with Side Hoes only..... 3 25



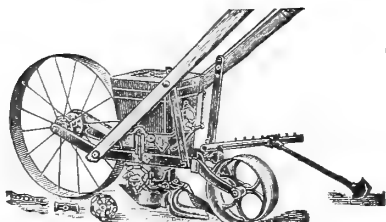
No. 1, "Iron Age" Double Wheel Hoe.
As a Single Wheel, showing Landside Plow attached.
Price for attachment.....\$1 00



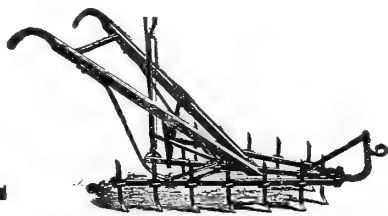
New Model Seed Drill.
Price.....\$7 00



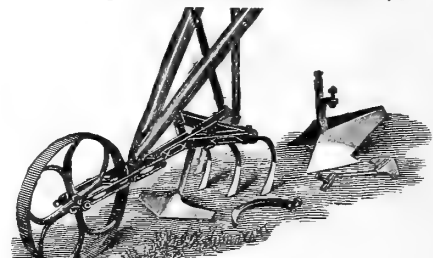
No. 12, "Iron Age" Wheel Plow and Cultivator, \$3 50



No. 8, "Iron Age" Hill and Drill Seeder.
Price.....\$12 00

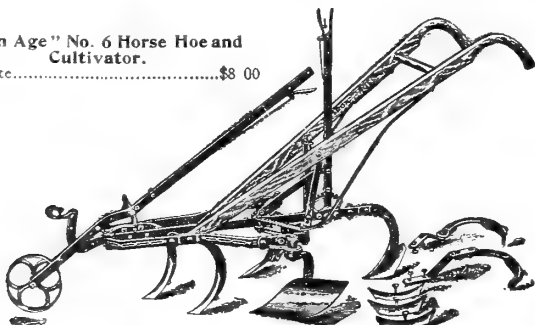


"Iron Age" Diamond Tooth Harrow.
With Wheel, \$5 35 Without Wheel, \$4 60

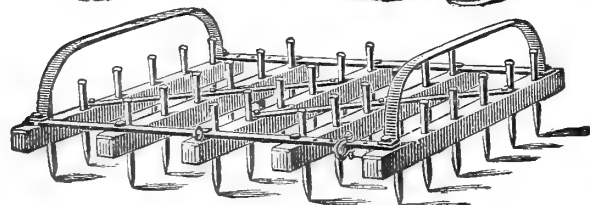


Gem Single Wheel Hoe and Cultivator, \$4 00

"Iron Age" No. 6 Horse Hoe and
Cultivator.
Complete.....\$8 00



No. 6, "Iron Age" Combined
Double Wheel Hoe, Hill
and Drill Seeder.
Price.....\$12 00



KAIN HARROW.

One of the very best tools for private or market gardens. The harrows are provided with runners, so they can be easily moved without tearing up walks or roads.

24-tooth, \$5.00; 30-tooth, \$6.00.

THE GALE PLOW.

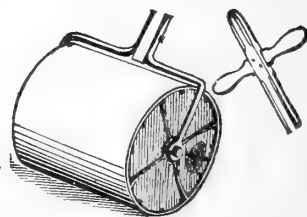
No. 25 A—Light 1-Horse.....\$5 50
" 20 " 2 " 8 00



Complete with
Jointer and Wheel, \$11.00.
The best plow
for private or mar-
ket gardens.



Horse Roller.



Hand Roller.

Steel Lawn and Field Horse and Hand Rollers.

24 in. diam., 30 in. long, weight about 450 lbs.....\$40 50
28 in. diam., 36 in. long, weight about 550 lbs..... 45 00

With Sections Loaded for Road and Lawn Purposes.

24 in. diam., 30 in. long, weight about 700 lbs.....\$45 00
28 in. diam., 36 in. long, weight about 900 lbs..... 49 50

Steel Garden and Lawn Hand Rollers.

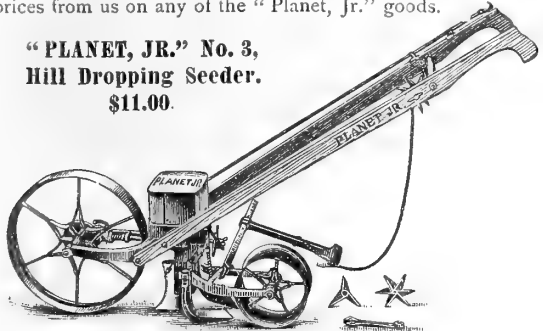
10 in. diam., 15 in. long, weight about 130 lbs.....\$ 7 25
12 in. diam., 18 in. long, weight about 200 lbs..... 9 00
14 in. diam., 21 in. long, weight about 300 lbs..... 10 80

Special circular of Rollers mailed on application.

“Planet, Jr.” Farm and Garden Tools.

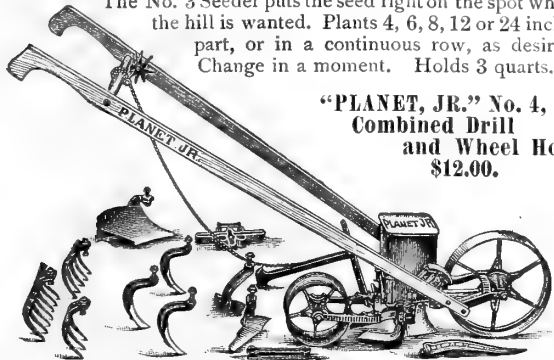
Space will not permit our showing and describing all of the “Planet, Jr.” tools, but we will send a fully illustrated catalogue free for the asking to any who desire it. “Planet, Jr.” goods are standard machines—the best—and you can rely on getting bottom prices from us on any of the “Planet, Jr.” goods.

**“PLANET, JR.” No. 3,
Hill Dropping Seeder.
\$11.00.**



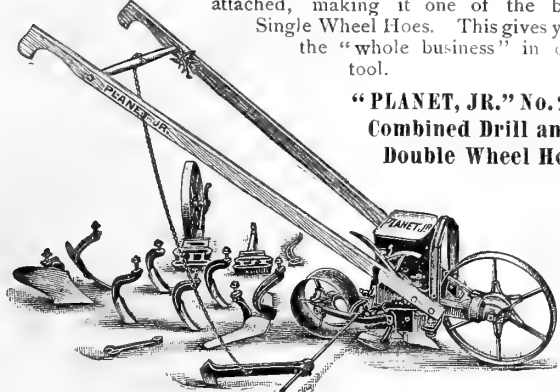
Planting in rows and thinning afterward is a terrible time-waste. The No. 3 Seeder puts the seed right on the spot where the hill is wanted. Plants 4, 6, 8, 12 or 24 inches part, or in a continuous row, as desired, Change in a moment. Holds 3 quarts.

**“PLANET, JR.” No. 4,
Combined Drill
and Wheel Hoe.
\$12.00.**



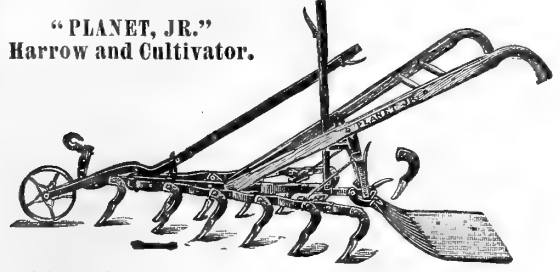
The Drill is the same style as the No. 3 Seeder, but smaller. By moving only one bolt the drill is taken off and the tool frame attached, making it one of the best Single Wheel Hoes. This gives you the “whole business” in one tool.

**“PLANET, JR.” No. 25,
Combined Drill and
Double Wheel Hoe.**



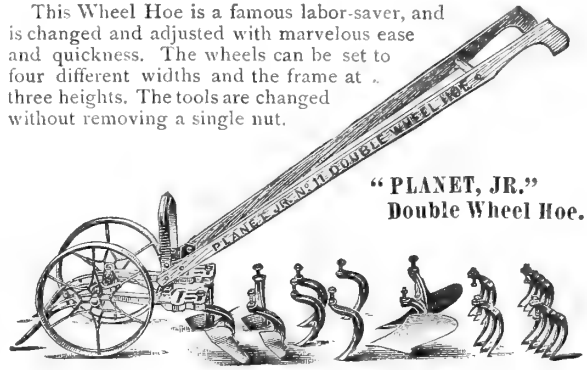
This new combined machine holds 2½ quarts. As a drill it is almost identical with the No. 4, and as a wheel hoe is identical with No. 12 Double Wheel Hoe. The change from drill to wheel hoe takes but a moment. Price, \$14.00.

**“PLANET, JR.”
Harrow and Cultivator.**



This tool contracts to 12 inches and expands to 32 inches. The pulverizer prepares the ground especially for the Seed Drill or for plant setting.
Price, plain, \$6 50; with wheel, \$8.25; complete, \$10.00.
For cutting strawberry runner we supply a special attachment consisting of a 10-inch flat steel disc. Price, \$1.75 extra.

This Wheel Hoe is a famous labor-saver, and is changed and adjusted with marvelous ease and quickness. The wheels can be set to four different widths and the frame at three heights. The tools are changed without removing a single nut.



**“PLANET, JR.”
Double Wheel Hoe.**

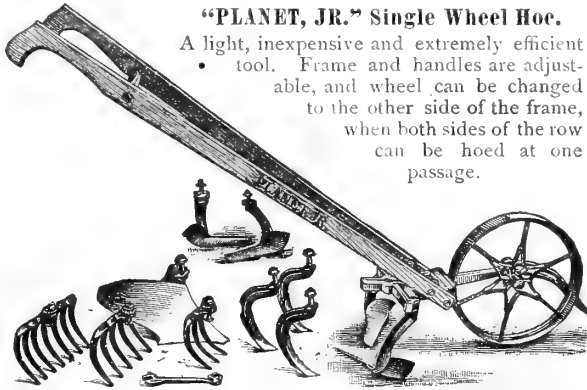
No. 11. Wheel Hoe, with eight pairs of tools, as shown in cut. \$9.50.

No. 12. With plows, hoes, wide and narrow cultivator teeth and leaf lifters. \$7.25.

No. 13. Single Wheel Hoe, with 6-inch hoes only. \$4.75.

“PLANET, JR.” Single Wheel Hoe.

A light, inexpensive and extremely efficient tool. Frame and handles are adjustable, and wheel can be changed to the other side of the frame, when both sides of the row can be hoed at one passage.



No. 15. With 12 tools, as shown in cut. \$7.25.

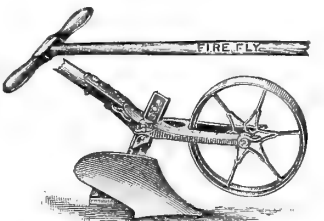
No. 16. With plow, two hoes, three cultivator teeth, two rakes and leaf lifter. \$6.00.

No. 17. With plow, two hoes and three cultivator teeth. \$4.75.

No. 18. With 6-inch hoes only. \$3.50.

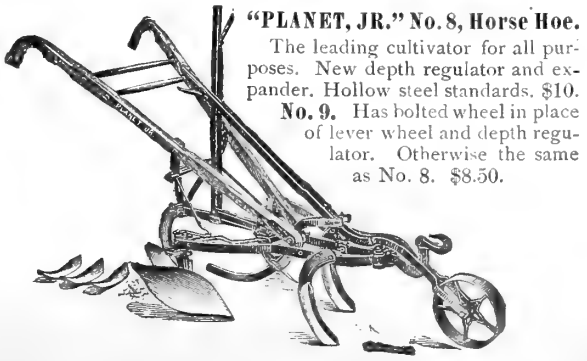
“FIRE-FLY” PLOW.

Invaluable for use in small gardens. Moldboard of tempered and polished steel. The depth is easily and quickly changed. Very useful to plow up chicken yards. \$2.50.

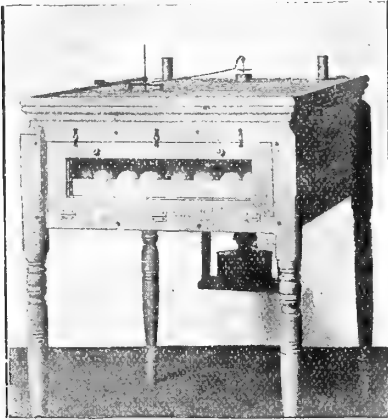


“PLANET, JR.” No. 8, Horse Hoe.

The leading cultivator for all purposes. New depth regulator and expander. Hollow steel standards. \$10.
No. 9. Has bolted wheel in place of lever wheel and depth regulator. Otherwise the same as No. 8. \$8.50.



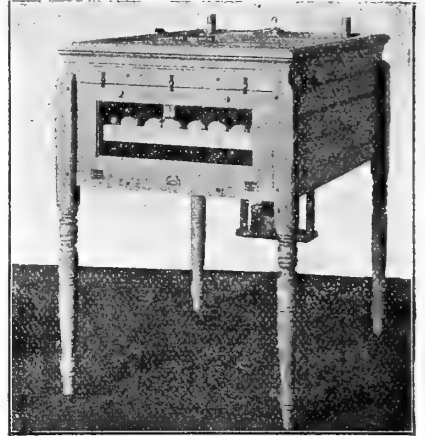
THE NEW **Prairie State Incubators and Brooders for 1900.**



Prairie State, Style B.

The New Prairie State Incubator for 1900.

The recent improvements of the Prairie State Incubators and Brooders have so simplified poultry-hatching that a child can operate the machines without difficulty. The new self-adjusting or compensating regulator on the Incubators, which is self-adjusting for changes in outside temperature, is also effected by the animal heat in the eggs. The new automatic turning tray is a decided improvement on the old system of hand-turning, as it does away with any possibility of jarring or breaking the eggs. The very low prices do not indicate that the quality of the machines has deteriorated; on the contrary, the increased facilities for manufacturing to supply the enormous demand enables the manufacturer to meet all needs.



Prairie State, Style A.

PRICES—INCUBATORS.

	CAPACITY.	PRICE.
No. 1, Baby	50 eggs,	\$ 6 00
No. 2, "	100 "	10 00
No. 1, Style A	150 "	20 00
No. 2, " A	210 "	26 00
No. 3, " A	300 "	32 00
No. 1, " B	150 "	15 00
No. 2, " B	210 "	22 00
No. 3, " B	300 "	25 00
Special Duck	200 "	32 00

BROODERS.

Style B. Sectional Hot-Water Pipe Brooders, no Runs.

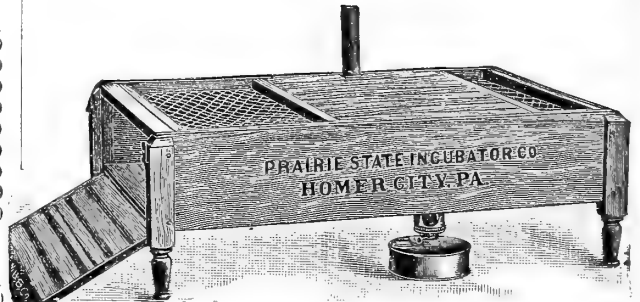
	CAPACITY.	PRICE.
No. 2, Two Sections	200 chicks,	\$19 00
No. 3, Three "	300 "	24 00
No. 4, Four "	400 "	29 00

Style C. Hot-Air Outdoor Brooders.

No. 1	100 chicks,	\$12 00
No. 2	150 "	16 00

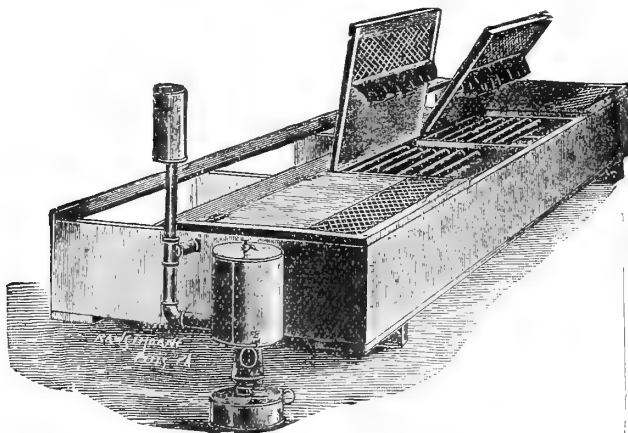
Style D. Hot-Air Indoor Brooders.

No. 1	80 chicks,	\$7 00
No. 2	125 "	9 00



Prairie State, Style D, Brooder Hot-Air.

The No. 1 is 2 feet wide and 3 feet long, and the No. 2 is 3 feet square. They are constructed with an incline so that the chicks can get in and out of the Brooder, and when incline is closed at night the chicks are free from rats or prowling enemies.



Prairie State Sectional Brooder, Style B, Hot Water.

This Brooder is intended for small or portable Brood-houses, or run in connection with the pipe system and hot water stove. It will be noticed, by looking at cut, just how the machine is constructed and how heated. It is very simple, easy to operate, easy to clean, and not hard to move from one place to another. It is provided with a movable floor that can be raised or lowered instantly.

Prairie State, Style C, Hot-Air Outdoor Brooder.

No. 1, 36 inch. square, containing 9 square feet of floor space, and the No. 2 48 inches square, containing 16 square feet of floor space. This Brooder is rain, rat, wind, and storm proof, and can be taken entirely to pieces and put together again in a very few minutes, making it easy to clean. It can be stored in a small space after the season is over. It is upon runners, and can be easily moved from one place to the other. The lamp case is also provided with our new improved cold-air duct, which keeps the oil cool at all times.





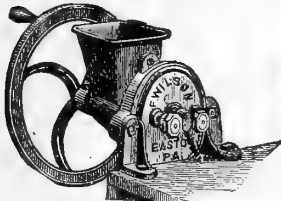
DREER FOUNT, No 1.



"HUB" FOUNT.



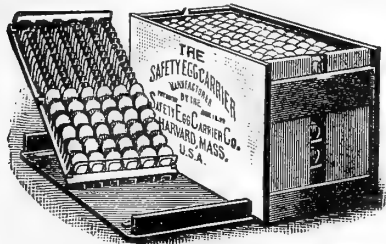
COAL OIL BELLOWS.



WILSON BONE MILL.



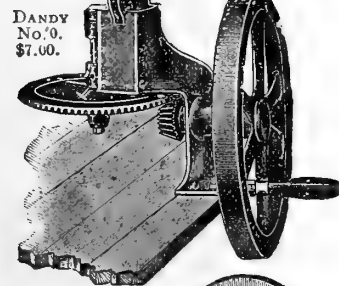
STONE FOUNT



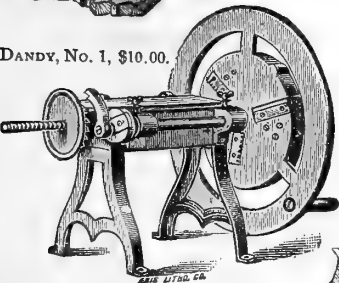
SAFETY EGG CARRIER.



EGG TESTER.



DANDY No. 0. \$7.00.



DANDY, No. 1, \$10.00.



KILLING KNIFE.



IRON FEEDING TROUGH.



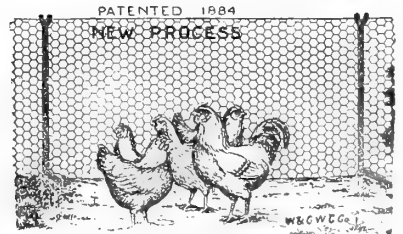
MARKING PUNCH.



LEG BANDS.



FEEDING TRAY.



WIRE NETTING.

POULTRY FOODS.

Animal Meal. An egg producer. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 25 lbs., 75 cts.; 50 lbs., \$1.25; 100 lbs., \$2.25.
Beef Scraps. Specially prepared. 10 lbs., 40 cts.; 50 lbs., \$1.50; 100 lbs., \$2.25.
Egg Maker. An excellent tonic. 2 lb. pkg., 25 cts.; 4 1/2 lb. pkg., 50 cts.
Ground Bone, coarse. 5 lbs., 25 cts.; 25 lbs., \$1.00; 100 lbs., \$2.25; 200 lbs., \$4.00.
Chick Manna. For small chicks. 1 lb., 10 cts; by mail, 25 cts; 5 lbs., 40 cts; 15 lbs., \$1.10; 60 lbs., \$4.20.
Imperial Egg Food. 1 lb., 35 cts.; 2 1/2 lbs., 80 cts.; 25 lb. keg, \$5.00.
Sheridan's Condition Powder. 4 oz. pkg., 25 cts.; 2 lb. can, \$1.00.
Pratt's Poultry Food. 1 1/2 lb. pkg., 25 cts.; 5 lbs., 60 cts; 12 lb. bag, \$1.25; 25 lb. bag, \$2.50.
Prepared Oyster Shell, coarse or fine. 5 lbs., 10 cts.; 25 lbs., 30 cts; 100 lbs., \$1.00; 200 lbs., \$1.75.
Mica Crystal Grit, coarse or fine. 5 lbs., 10 cts.; 25 lbs., 30 cts; 100 lbs., \$1.00; 200 lbs., \$1.75.
Cut Clover Hay. A rich valuable food. 50 lbs., \$1.25; 100 lbs., \$2.00.

PIGEON FOODS.

Canada Peas. Excellent for carriers. 1 qt., 10 cts; peck, 40 cts; bu., \$1.50.
Hemp Seed. Fresh. Lb., 10 cts; peck, 75 cts; bu., \$2.50; 100 lbs., \$4.50.
Yellow Canada Corn. Small and hard. Qt., 15 cts; peck, 50 cts; bu., \$1.50.
Buckwheat. Qt., 10 cts; peck, 40 cts; bu., \$1.25.
Vetches. (Small round.) 1 lb., 8 cts; bu., \$3.00; 100 lbs., \$4.50.
Kaffir Corn. Very nutritious. Peck, \$1.00; bu., \$2.75; 100 lbs., \$4.00.
Sunflower. (Russian.) Qt., 10 cts; peck, 60 cts; bu., \$1.75; 100 lbs., \$6.00.

POULTRY SUPPLIES.

Bone Cutters. Dandy No. 0, \$7.00; No. 1, \$10.00; No. 2 \$12.00
 " Wilson Daisy, without stand, \$12.00; with stand 15.00
" Mills. Wilson, for dry bones, shell, corn, etc., \$4.50; with stand 6.50
Caponizing Sets. Wigmore's special, with instruction book, \$3.00.
Aluminum Adjustable Distinguishing Bands. For marking fowls. Numbered from 1 to 100, with one, two or three letters. Price, postpaid, 12 for 30 cts; 25 for 50 cts; 50 for 75 cts; 100 for \$1.25.
Bellows. For spraying coal oil in poultry house, \$1.00.
Egg Carriers. (Safety.) 36 doz., \$2.75; 30 doz., \$2.50; 16 doz., \$2.00; 12 doz., \$1.75; 9 doz., \$1.50; 6 doz., \$1.25.
Egg Carriers. For 1 setting, 20 cts.; 2 settings, 35 cts.
Egg Tester. Prairie State, the best on the market, 35 cts.
Feeding Trough. (Iron.) Sizes 1, 2, 3, 4, 5 feet, per foot, 25 cts.
" Trays. " Shallow, for feeding small chicks, 25 cts.
Gape Extractor. Silver wire and horsehair, 10 cts; heavy wire, 25 cts.
Killing Knife. For Poultry and Squabs, with directions for use, 50 cts.
Poultry Roup Syringe. For the cure of Roup diseases, 10 cts.
Lambert's Death to Lice. 15 oz., 25 cts; 3 lbs., 50 cts; 100 oz., \$1.00
Marking Punch. For marking in the web of the foot, 25 cts.
Nest Eggs. Porcelain, 25 cts. per doz.; medicated, 30 cts. per doz.
Nest Bowls. (Earthenware.) For Pigeons. Each, 15 cts; doz., \$1.50.
Thermometers. For Incubators. Dreer's Metal, 50 cts. postpaid; Prairie State Special, 75 cts., postpaid.
Hygrometers. Moisture gauge for Incubators and house use. \$1.25; by mail, \$1.35.
Founts, Dreer's. (Galv.) 2 qts., 30 cts.; 4 qts., 50 cts.; 8 qts., 75 cts.
 " "The Hub." 1 gal., 75 cts.; 2 gals., \$1.25.
 " Stone. 1 qt., 30 cts; 2 qts., 40 cts.; 3 qts., 50 cts; 4 qts., 60 cts.
Charcoal. (Granulated.) Lb., 10 cts; 5 lbs., 40 cts; 10 lbs., 75 cts; 25 lbs., \$1.75; 100 lbs., \$5.00.
Tobacco Dust. For destroying insects on Poultry and in Poultry House. Per lb., 10 cts; 5 lbs., 25 cts.

GALVANIZED WIRE NETTING,

2-in. Mesh, No. 19 wire, in bales of 150 lineal feet.

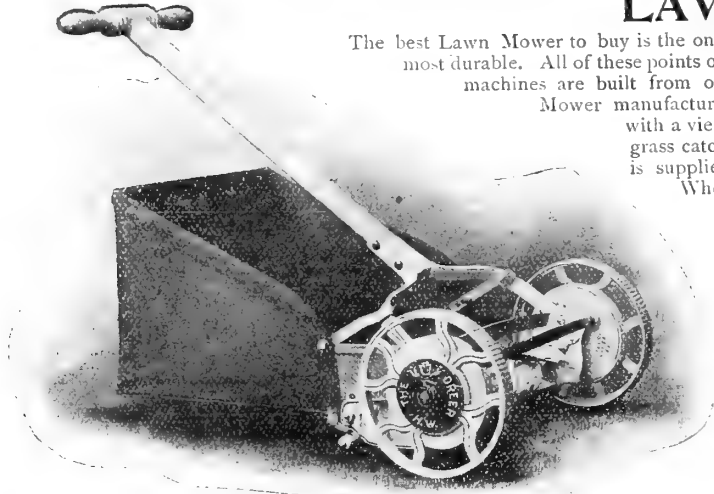
12 in. wide, \$1.00; 18 in. wide, \$1.52; 24 in. wide, \$2.00; 30 in. wide, \$2.53; 36 in. wide, \$3.04; 42 in. wide, \$3.54; 48 in. wide, \$4.05; 60 in. wide, \$5.06; 72 in. wide, \$6.08.

Any required length cut from above sizes at 1 ct. per square ft.



LAWN MOWERS.

The best Lawn Mower to buy is the one that runs the easiest, does the best work and is the most durable. All of these points of excellence we claim for the "Dreer Mower." These machines are built from our own patterns and designs, by the leading Lawn Mower manufacturer in this country. They are especially constructed with a view to cutting terraces, as well as level lawns, and have grass catcher arrangements when so desired. The Low Wheel is supplied with 4 blades in the revolving cutter and the High Wheel we have made with either 4 or 5 blades in the revolving cutter, as may be desired.



DREER HIGH WHEEL MOWER WITH GRASS CATCHER.

THE DREER MOWER. High Wheel.

The most perfect Lawn Mower in existence. 10-inch driving wheels, insuring light draft; 5 blades, giving a smooth, even finish.

14 inch.....	\$ 8 00 net.
16 "	9 00 "
18 "	10 00 "
20 "	11 00 "
With 4 blades \$1.00 less..	

Low Wheel.

Identical in every way to the DREER High Wheel Mower, but with 8 1/2-inch driving wheels and with 4 blades; the best mower for the small and medium-sized lawn.

12 inch.....	\$5 50 net.
14 "	6 50 "
16 "	7 50 "
18 "	8 50 "

GRASS CATCHERS.

12 inch.....	\$1 40
14 "	1 50
16 "	1 60
18 "	1 70
20 "	1 85

CONTINENTAL AND PENNSYLVANIA.

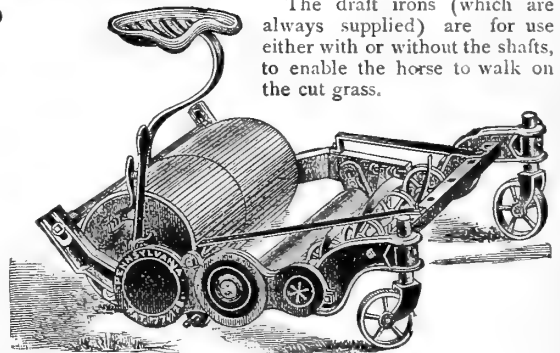
Low Wheel.—10 inch, \$5.25; 12 inch, \$6.00; 14 inch, \$6.75; 16 inch, \$7.50; 18 inch, \$8.25.
High Wheel.—15 inch, \$10.00; 17 inch, \$11.00; 19 inch, \$12.00; 21 inch, \$13.00.

PHILADELPHIA MOWER.

10 inch, \$5.00; 12 inch, \$5.50; 14 inch, 6.00; 16 inch, \$6.50; 18 inch, \$7.25.

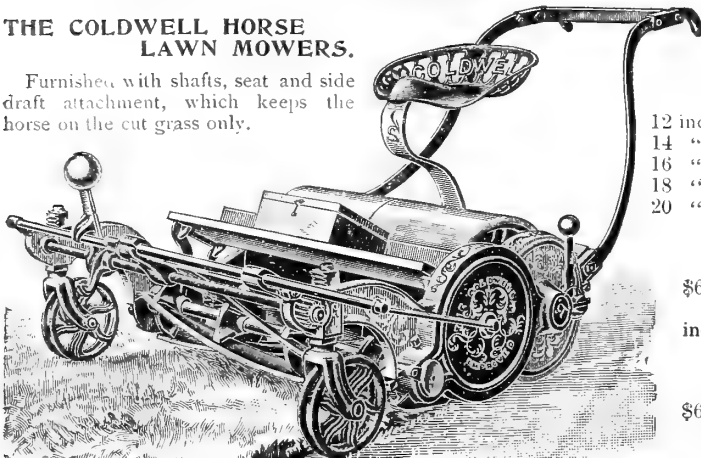
The Pennsylvania Horse Lawn Mowers.

The draft irons (which are always supplied) are for use either with or without the shafts, to enable the horse to walk on the cut grass.



THE COLDWELL HORSE LAWN MOWERS.

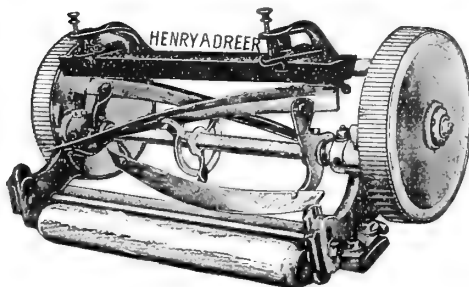
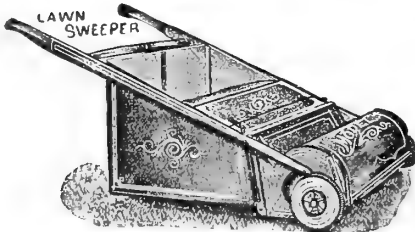
Furnished with shafts, seat and side draft attachment, which keeps the horse on the cut grass only.



Low prices (strictly net). 30 inch cut, \$60.00; 35 inch, \$75.00; 40 inch, \$90.00; 25 inch Pony, \$37.50.

THE MODEL HAND LAWN SWEEPER.

A perfect sweeper for the lawn, easily run by hand, Specially designed for Tennis Courts and Golf Greens, as they leave the surface perfectly clean. The machine weighs 28 pounds, is 25 inches wide, 21 inch brush. Price \$10.00.



LAWN MOWER SHARPENER.

Leshure's Adjustable Lawn Mower Sharpener. (Patented.)

The best and simplest implement in use, to be fastened to the cross-bar on the mower, adjusted with the set-screw. Then run the lawn mower up and down on a floor for a few minutes; it does not destroy the temper of the knives. Directions furnished.

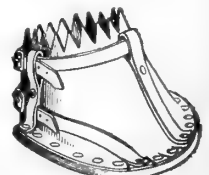
Price \$1.50 each, any size from 12 to 20 inches.

LAWN MOWER OIL. Put up specially. It will not gum. Put up in durable cans. Quart, 40 cts.; 1/2 gallon, 60 cts.; gallon, \$1.00; 1/2-pint Oilers, with oil, 25 cts.

Pennsylvania Horse Mower, 30 inch open cylinder.....	\$70 00
Extra for shaft, seat and spring board.....	13 00
Pennsylvania Pony Mower, 25 inch.....	30 00

HORSE BOOTS.

For use on lawn. They are made of strong leather, fastened with copper rivets, and will wear a long time.
Per set of 4, riveted heavy flat soles.... \$8 00
Per set of 4, riveted heavy round soles... 7 00



FERTILIZERS.

FOR THE FARM, LAWN, GARDEN AND GREENHOUSE.

We keep only the highest grade of Fertilizers. Procuring our supplies from honorable houses, our customers will receive full value.

Prices of Fertilizers subject to change without notice. All Fertilizers f. o. b., Philadelphia, and those marked with asterisk will also be supplied f. o. b. New York, Wilmington, Del., and Baltimore, Md., in half ton and ton lots.

Pure Ground Bone. Excellent for restoring and quickening grass plots, gardens, etc. Apply 400 to 600 lbs. to the acre. 5 lbs., 25 cts.; 25 lbs., 75 cts.; 50 lbs., \$1.25; 100 lbs., \$2.00; sack of 200 lbs., \$3.50; per ton, \$32.00.



Pure Bone Meal. Better than Ground Bone for mixing with potting soil for giving immediate effect. 3 lbs., 15 cts.; 5 lbs., 25 cts.; 25 lbs., 75 cts.; 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lb. sack, \$3.50; per ton, \$32.00.

Coarse Bone. Ground coarse, for grape borders and poultry. 5 lbs., 25 cts.; 50 lbs., \$1.25; 100 lbs., \$2.25; 200 lb. bag, \$4.00; per ton, \$35.00.

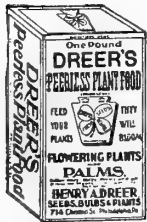
Button Bone. A first-class article for preparing soil for planting grape vines, small fruits and trees. Being coarse it is slow in action, but permanent. 25 lbs., 75 cts.; 50 lbs., \$1.25; 100 lbs., \$2.25; 200 lbs., \$4.00; ton, \$35.00.

Pure Bone Flour. Ground perfectly fine; an excellent fertilizer for pot plants or beds where an immediate effect is wanted. 5 lbs., 25 cts.; 100 lbs., \$3.00; bbl. of 200 lbs., \$5.00; ton, \$45.00.

***Dreer's Ammoniated Bone Phosphate.** This is the leading Ammoniated Phosphate: A perfectly pure and high-grade article, and the best for general purposes. 5 lbs., 25 cts.; 100 lbs., \$2.00; 200 lb. bag, \$3.25; ton, \$28.00.

Dreer's Peerless Plant Food.

This is one of the very best and most carefully prepared odorless Plant Foods on the market, being entirely soluble. It is very convenient to use in the house and conservatory. Can be used either in dry or liquid form. Put up only in 1 pound packages. Full directions for use with each package. Price, 25 cts.; by mail, 40 cts.



*Dreer's Peerless Lawn and Garden Dressing (odorless).

This dressing is prepared so that it acts gradually through the season. It may be applied at any time during the spring, summer or autumn, or as often as the grass seems to need nourishment. It will restore many lawns to full luxuriance that have been nearly ruined by drought. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 200 lbs., \$5.00; ton, \$45.00.

***Potato, Corn and Truck Guano.** Contains actual Potash, 6 to 8 per cent; Ammonia, 1½ to 2½ per cent; Available Phos. Acid, 6 to 8 per cent.

This brand, in addition to its being made from the best materials obtainable, contains as a filler ground tobacco stems, which is one of the very best articles ever used in a fertilizer to prevent scabs on potatoes and cut worms in corn ground. Pamphlet containing full information upon application. Price: 25 lbs., 75 cts.; 100 lbs., \$2.00; sack, 200 lbs., \$3.50; ton, \$30.00.

Bowker's Ammoniated Food for Flowers.

Made especially for plants grown in the conservatory, house or garden; clean, free from offensive odor. Full directions with each package. Packages, 15 and 25 cts.; by mail, 25 and 40 cts.

Guano. New process, ten per cent. richer than Peruvian Guano. Contains 10 to 11 per cent. Ammonia, 20 to 22 per cent. Bone Phosphate, from 4 to 5 per cent. actual Potash, made exclusively from animal bones. Far better results are attained by using this grade than any Peruvian Guano now offered. 1½ lb. box, 10 cts.; 3 lb. box, 20 cts.; 5 lbs. in a bag, 35 cts.; per 100 lbs., \$3.00; per sack of about 167 lbs., \$5.00; per ton, \$45.00.

Land Plaster. Excellent for composting, fertilizing or mixing with guano. A fine lawn fertilizer. 100 lb. bag, \$1.00; barrel, \$1.50; per ton, \$10.00.

Clay's Fertilizer. This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. Should be used in potting soil, and spread on staging of greenhouses planted with flowering plants. Per bag of 28 lbs., \$2.00; 56 lbs., \$3.50; 112 lbs., \$6.50.

Canada Hard-wood Ashes. Indispensable as a lawn dressing, or to apply to orchards. They should be applied late in fall or early in spring, so that the rains and snows may leach the ashes and carry the elements down to the roots of grass or trees. Our ashes are screened and are in proper condition for immediate use. Apply at the rate of 1,000 to 1,500 lbs. per acre. 50 lbs., \$1.00; per bbl., \$2.50; ton, \$18.00.



Agricultural Salt. For top-dressing asparagus beds. Apply very early in spring, at the rate of 800 to 1,000 lbs. per acre. 200 lbs., \$1.50; per ton, \$10.00.

Kainit (German Potash Salt). One of the most useful ingredients for making "Commercial" fertilizers or using alone. Apply at the rate of 1,000 lbs. per acre. If used on lawns it should be spread during winter. 100 lbs., \$1.25; 200 lbs., \$2.00; per ton, \$16.00.

Pulverized Sheep Manure. This is a pure natural manure and the most nutritious food for plants—one of the best manures to mix with soil for potting plants—one part manure to six parts soil. For vegetable garden, placed directly in hills or drills, it promotes a rapid, steady growth until maturity. As a lawn top-dressing it is unequalled. 5 lb. package, 25 cts.; 10 lbs., 40 cts.; 50 lbs., \$1.50; 100 lbs., \$2.50.

Nitrate of Soda. A fertilizer for all crops. It is very quick in action, and hastens maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 300 lbs. per acre should be sown mixed with wood-ashes or land plaster. Nitrate of Soda does not exhaust the land. 5 lbs., 25 cts.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; 300 lbs., \$9.00. Large quantities, prices on application.

Tobacco Stems. This has become an indispensable lawn covering for winter. It not only acts as a protector but imparts large quantities of ammonia, and drives away insects and moles, which harbor in a lawn during winter. Ebl., \$1.00; bale of about 250 lbs., \$2.00.

Tobacco Stems, Cut. These are broken into short pieces, and when spread on the lawn will cover uniform, and do not require raking off in the spring. One of the best fertilizers for the soil or lawn. Price in bags of 125 lbs., \$1.50; ton, \$18.00.

Muriate of Potash. 80 per cent. pure, equivalent to 48 to 50 per cent. actual Potash. A high-grade Fertilizer, and one of the best Orchard Fertilizers known, used largely in Peach cultivation, and as a general fertilizer. Muriate of Potash and Ground Bone stands as a leader. 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00. Original sacks of 224 lbs., \$5.50.

MAPES' FERTILIZERS.

	200 LBS.	2,000 LBS.
Potato Manure.....	\$4.50	\$39.00
Corn ".....	4.25	36.00
Cabbage and cauliflower manure.....	4.25	38.00
Fruit and vine manure.....	4.50	39.00
Orange and fruit tree manure.....	4.25	37.00
Grass and grain spring top-dressing.....	4.50	40.00
Complete manure, "A" brand.....	4.00	35.00
" " for general use.....	4.25	38.00
" " for heavy soils.....	4.50	39.00
" " for light soils.....	4.75	41.00
Early vegetable and truck manure.....	4.75	41.00

Mapes' Descriptive Pamphlet Mailed-Free on Application.

INSECTICIDES AND FUNGICIDES.

Ant Exterminator. 25 cts., 50 cts. and \$1.00.
Roach Exterminator. 15 cts. and 25 cts.
Pinner's Tobacco Soap. For insects, parasites and their eggs, infesting plants or animals. Lb., 40 cts.
Rose Sulpho-Tobacco Soap. For plants, trees, cattle, poultry, etc. $\frac{1}{2}$ lb., 25 cts.; 10 lbs., \$3.00.
Tobacco Dust. 1 lb., 10 cts.; 5 lbs., 25 cts.; 100 lbs., \$3.50.
Whale Oil Soap. 1, 2 and 5 lbs., 20, 35 and 50 cts.
Persian Insect Powder. For roaches, ants, fleas, etc. 1 lb., 50 cts.
Flowers of Sulphur. For mildew. Lb., 10 cts.; 5 lbs., 40 cts.; 10 lbs., 60 cts.; 100 lbs., \$5.00.
Pure Paris Green. Lb., 25 cts.; 5 lb. \$1.10.
London Purple. Lb., 20 cts.; 10 lbs., \$1.75.
Slug Shot (Hammond's). One of the cheapest and best poisons for destroying insects. 5 lbs., 25 cts.; 10 lbs., 50 cts.; 100 lbs., \$4.25; bbls., 235 lbs., \$8.50; tin canisters, perforated tops, 25 cts.; 1-lb. carton, 15 cts.
Grape Dust. For mould, mildew or rust mites, either in greenhouses or the open air. 5-lb. pkg., 30 cts.
Rose Leaf Extract of Tobacco. A nicotine solution. Pt., 30 cts.; qt., 50 cts.; gal., \$1.25; 5 gals., \$4.25.
Nikoteen. An economical and powerful nicotine extract. One part to 600 of water is sufficiently strong to kill all insects except scale, for which use 1 to 400. Pt., \$1.50.
Fostite. The great mildew remedy. 5 lbs., 50 cts.; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.50.
Gishurst's Compound. For green fly, mildew, thrip, mealy bug and scale. 1-lb. box, 50 cts.; 3-lb. box, \$1.00.
Hellebore, Powdered White. For all insects. Lb., 25 cts.; 5 lbs., \$1.00.
Little's Antipest. For scale, woolly aphids and all insect pests. It is non-poisonous and harmless to vegetation when diluted and used according to directions. 1-qt. can, 75 cts.; $\frac{1}{2}$ -gal. can, \$1.50; 1-gal. can, \$2.50; 5-gal. can, \$10.00.
Soluble Fir Tree Oil. For all insects. $\frac{1}{2}$ pt., 50 cts.; pt., 75 cts.; qt., \$1.50; $\frac{1}{2}$ gal., \$2.75; gal., \$5.00.
Pillar Cater. For preventing insects crawling up trees. Easily applied. Yd., 15 cts.
Laurel Green. A combined insecticide and fungicide.
Full directions for using with each package.

Contains about 6 per cent. arsenic and 10 per cent. copper. Lb., 15 cts; doz., \$1.25.
Lemon Oil. Destroys mealy bug, scale, thrip, red spider, black and green fly, caterpillar, etc. $\frac{1}{2}$ pt., 25 cts.; pt., 40 cts.; qt., 75 cts.; $\frac{1}{2}$ gal., \$1.25; gal., \$2.00; 5 gals., \$9.00.
Powell's Kerosene Emulsion. (Paste.) Ready for use by simply adding water. An insecticide for all sucking insects. 1-lb. can, 15 cts.; 5-lb. can, 60 cts.; 25-lb. can, \$2.50. One pound makes 10 gallons of spray.
Permol Kerosene Soap. One of the best remedies against all kinds of insects, especially scale; a superior winter wash against San Jose scale. 1-lb. pkg., 25 cts.; 25-lb. pails, 15 cts. per lb.
Bordeaux Mixture. (Liquid.) By simply adding water and stirring it is ready for use. One gallon, \$1.00, will make one barrel liquid. 1 qt., 40 cts.
Powell's Improved Bordeaux Mixture. (Dry.) For fungus diseases. Ready for use by simply adding water. 1-lb. box, 15 cts., makes 5 gallons spray; 5-lb. box, 60 cts.; 10-lb. box, \$1.00; 25-lb. box, \$2.50; 300-lb. bbl., \$24.00.
Fairmount Weed Killer. Excellent for clearing gravel paths, drives and gutters of weeds, moss, etc. A great labor saver; $\frac{1}{2}$ gal., 75 cts., makes 25 gals. treating liquid. Gal., \$1.25; 5 gals., \$6.00.
Leggett's Fungicoid. Powdered Bordeaux Mixture apply with powder bellows. Lb., 15 cts.; 5 lbs., 60 cts.
The World's Insect Killer. For roaches, ants, and all house insects. $\frac{1}{2}$ -lb. tin, 25 cts.
Gray Mineral Ash. One of the best remedies against rose bugs. Lb., 20 cts.; 5 lbs., 75 cts.; 10 lbs., \$1.25.
Copperdine. (Paste-Ammoniacal solution of carbonate of copper.) Remedy against fungus, mildew, rust and black rot. Lb., 25 cts., makes 16 gals. liquid; 5 lbs., \$1.00.
Copper Sulphate. For early spraying and making Bordeaux mixture. Lb., 15 cts.; 25 lbs., \$3.00; 100 lbs., \$10.00.
Asbestos Torch. An excellent device for burning caterpillar nests from trees. Price, 40 cts.
Worm Eradicator. For removing worms of any kind from greenhouses, lawns, flower pots, etc., without injury to the most delicate plant. Bottle, 50 cts. and \$1.00.
Cattle Comfort. For insects on domestic animals. Qt. can, 45 cts.; gal. can, \$1.15; 5-gal. can, \$5.00.
When wanted by mail add 15 cts. per pound.

SUNDRIES.

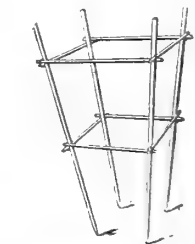
Baskets. For use in vegetable garden. $\frac{1}{2}$ bu. oak, 50 cts.; 1 bu. oak, 60 cts.; 1 bu. oak, iron-bound, 75 cts.
Jersey Peat. For potting plants, etc. \$1.25 per bbl.; 5 bbls., \$5.00.
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Mastica. A substitute for putty. \$1.25 per gal.
Mastica Machine. For applying mastica. \$1.00 each.
Putty Distributor. For applying putty on Mastica, \$1.00.
Oil Stones. (Missouri). 25 cts. each.
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Tomato Trellis. (Livingstone.) 15 cts. each; \$1.50 per doz.

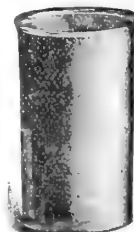


WIRE CARNATION SUPPORT



TOMATO TRELLIS

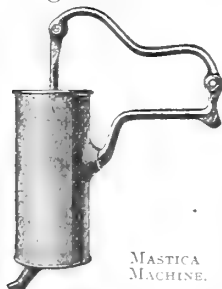
Cahoon Broadcast Seed Sower. \$3.25.
Wire Carnation Supports. (Model.) Two rings, 40 cts. doz.; \$3.25 per 100.
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Tobacco Stems. Per bale of 250 lbs., \$2.00; per ton, \$12.00.
Wood Pulp Vases. For cut-flowers; neat, attractive and waterproof.



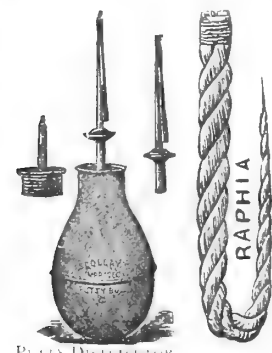
WOOD PULP VASE



CAHOON SEED SOWER



MASTICA MACHINE

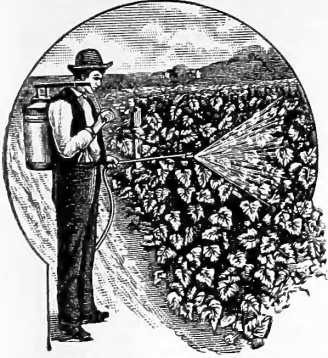


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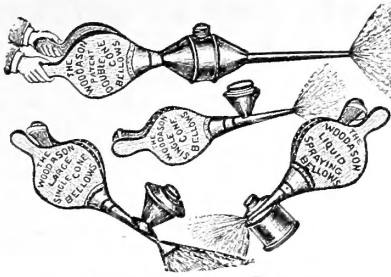


RAPHIA

No.	DIAM.	DEPTH.	EACH.	PER DOZ.
0	8 in.	13 in.	\$0 50	\$5 00
1	5 1/2 "	10 "	40	4 00
2	4 1/2 "	9 "	35	3 50
3	4 "	6 "	30	3 00
4	3 "	4 1/2 "	25	2 50



STAHL'S KNAPSACK SPRAYERS.



POWDER AND SPRAY BELLOWS.



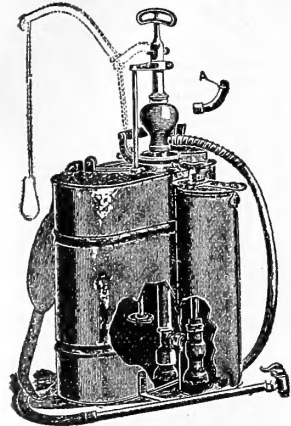
GARDENER'S CHOICE SPRAY OUTFIT.

BELLOWS.

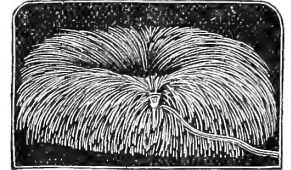
Woodason's Double Cone Powder Bellows	\$3 00
" Large Single Cone	1 75
" Small Single Cone	1 00
" Small Spray Bellows	1 00
" Large	1 75
" Sulphur	1 50

COPPER KNAPSACK SPRAYERS.

Stahl's. No. 1, 4 gallons	\$11.00; No. 2... 12 00
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" With kerosene attachment	16 00



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SUCCESS BUCKET PUMP.

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" " " On sled base	1 25
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Rubber Sprinkler. Straight or bent neck. Large, \$1.00; straight or bent neck. Small	50

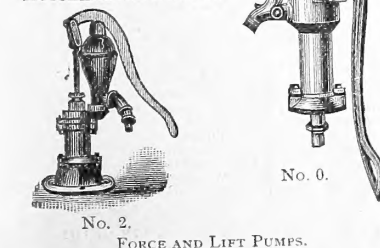


SPRINKLER, BENT.

HOTCHKISS POWDER GUN.

NOZZLES.

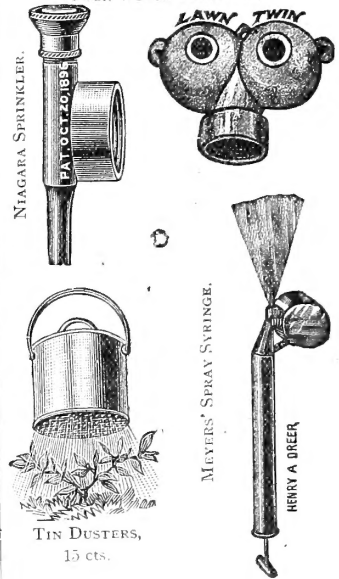
Spray Nozzles. Deming's Bordeaux	75
" " Vermorel	75
" " Gould's Twin Vermorel	1 25
" " Myers' Vermorel	75
Myers' Spray Syringe Atomizer. Brass	1 25
Tin Dusters. For spreading dry powders	15
" With side handle	10
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Hand Powder Guns	10
Asbestos Torch. For burning out caterpillars and webs	40



No. 0.

No. 2.

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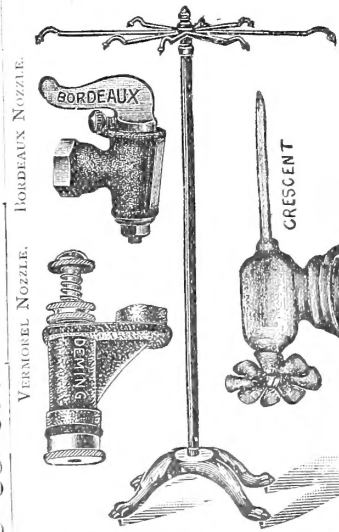


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MEYERS' SPRAY SYRINGE.



TIN DUSTERS, 15 cts.



BORDEAUX NOZZLE.

VERMOREL NOZZLE.

CRESCENT

PECK'S 8-ARM SPRINKLER.

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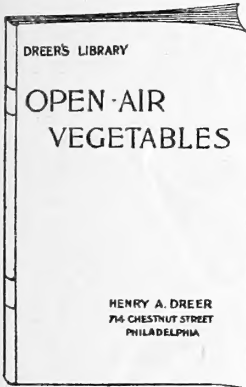
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